

DECLARATION BY PRINCIPAL

I hereby declare that an attempt has been made to record in a comprehensive manner the efforts made for quality enhancement over a period of five years post accreditation in the RAR submitted to NAAC.

This RAR is prepared by the institution and no part has been outsourced. The team of the S.M.Patel College of Home Science is looking forward for the peer team visit to the institution.

Rekha Emanuel
PRINCIPAL
S.M. PATEL COLLEGE OF
HOME SCIENCE
V.V.NAGAR-388120

Re-Accreditation Report

[RAR]



**Submitted
by
Charutar Vidya Mandal's**

S.M.Patel College of Home Science

[Affiliated to Sardar Patel University]

Accredited B+

***College with Potential for Excellence
[CPE]***

**Vallabh Vidyanagar-388120.Gujarat
www.smphomescience.edu.in
Email: smpcollege@yahoo.in**

**Principal: *Rekha Emanuel*
Email: rekhaemanuel@gmail.com**

**Coordinator: *Paresha Patel*
: Email: paresha19@gmail.com**

**Phone no: [02692 230245]
Fax: [02692 230245]**

26th November 2012

	Content	Page No.
1.	Preface	01
2.	Executive Summary including SWOC analysis	02
3.	Post accreditation initiative.	04
4.	Profile of the Institution.	07
5.	Evaluation Report Criteria wise:	
i	Curricular aspects	15
ii	Teaching Learning and evaluation	32
iii	Research, Consultancy and Extension	54
iv	Infrastructure and Learning Resources	111
v	Student Support and Progression	126
vi	Governance, Leadership and Management	142
vii	Innovation and Best Practices	157
	(Presentation of Practice I & II)	160
6.	Evaluation report - Department wise:	
i	Foods and Nutrition	163
ii	Family Resource Management	173
iii	Human Development	184
iv	Textile and Clothing	193

Appendix

- 1) Peer team report of Cycle 1; NAAC Certificate (Annexure-I)
- 2) Report of Capability Building workshop (Annexure-II)
- 3) Map of Institute (Annexure-III)
- 4) Activities of students' participation (Annexure-IV)
- 5) Souvenir of National Seminar (Attachment)
- 6) Prospectus 2012-2013 (Attachment)
- 7) Magazines of last five years 2008-2012 (Attachment)

Preface

The S. M. Patel College of Home Science was established in 1971 under the able guidance of an eminent Home Scientist Madam B. Tarabai a pioneer of Home Science education in India. She was invited to Vallabh Vidyanagar by the then chairman of Charutar Vidya Mandal Shri H. M. Patel. Charutar Vidya Mandal is a registered charitable trust set up in 1945 with an aim to use education as an instrument of change in the rural areas. At present there are 49 Institutions under its umbrella and is managed by Hon, Dr. C. L. Patel who is the Chariman since April-1994 till date.

The donation towards the building of the college came from Shri Manibhai Patel and brothers of Sojitra and is named after their father Shri S. M. Patel.

This College is affiliated to Sardar Patel University and is situated in Vallabh Vidyanagar which is a unique educational township for the people, of the people and by the people. It is situated near Anand the Milkcity of India.

The College aims at professional development and personal enrichment of students along with developing in them a positive feeling of self thus the logo of the college is an open book which is spreading the light of knowledge with the motto Vidyaratna Mahadhanam. The punch line is “Ignited mind better tomorrow”

The college opted for first accreditation in 2007 and was awarded B⁺ 77.40%. After the first accreditation the IQAC was set up and number of improvements were made based on the suggestions made by peer team, like introduction of CBCS from June 2010-2011 including entrepreneurship courses, introducing three UGC sponsored career oriented courses, teaching functional English in small batches and working towards achieving CPE Status. Now we are submitting our Self Study Report for cycle 2 of NAAC accreditation.

Executive Summary

The S. M. Patel College of Home Science was established by Charutar Vidya Mandal in June 1971 under the able guidance of the director Madam Tarabai. The donation towards the building of S. M. Patel College of Home Science came from Shri Manibhai Shivabhai Patel and brothers of Sojitra and the college is named after their father Shri S. M. Patel. This is a grant-in-aid college affiliated to Sardar Patel University situated in the University township of Vallabh Vidyanagar.

Home Science is an interdisciplinary field dealing with the science and art of living. It is an integral knowledge which draws from pure, applied and social sciences as well as Technology and Management. The focus is preparing young women for a profession and dealing with life situations. It also plays a vital role in increasing the capacity of the family and community for a better quality of life through the competences developed by this education.

The subjects offered have the potentials for personal development, Academic development and commercial application.

The college follows CBCS with foundation, core and elective courses offering a B.Sc. degree in four areas of Home Science namely Foods and Nutrition, Family Resource Management, Human Development, Textile and Clothing along with first degree vocational course in Food science and Quality Control. Three add-on-courses are also offered Sports Nutrition, Fashion Design and Interiors. The college is a study centre for IGNOU Dietetics and Food Service Management. Facilities for English Language proficiency are made available through the Digital Education and Learning Laboratory. Students also appear for SCOPE exams.

The college also manages an Anganwadi training centre to train various cadres of ICDS workers. The college follows continuous evaluation in Theory and Practical and the ratio of internal and external exam is 40:60.

All the faculties are qualified as per UGC norms. Out of 19 faculty members four have Ph.D. and six are at various levels of completing Ph.D. Students and faculties are involved in research as well as community outreach programmes.

For overall development of the students the college follows a system of Saptdharas which include, Gyan dhara, Khelkood dhara, Kala Kaushalya dhara, Sarjanatmak Abhivyakti dhara, Sangeet and Nritya dhara, Natya dhara, Samudayik Sewa dhara, which includes NCC, NSS.

Counseling is the integral part of the college programme where each faculty is allotted 20 students. Faculty helps the students to resolve any health related, personal or academic problems.

The syllabus has undergone total change in the last three years under CBCS and the faculty members were involved in the syllabus framing. Moreover four members of the teaching staff are in the board of studies, two in the Senate and the Principal is the Dean of the Faculty as well as a Syndicate member.

Since majority of the students are first generation learners, faculty members make use of LCD in classrooms. Moreover active Learning Methodology is utilized for certain topics and practicals. Students are also taken for field trips, sent for block placement and internships.

Parents meeting, medical checkup, dental checkup, thelesemia checkup is a regular feature of the college.

The college prospectus and magazine are published every year.

Under the CPE grant a lot of enhancement is in process under teaching learning, research and extension activities. On the whole the college tries to live up its motto “Vidyaratna Mahadhanam” and punch line “Ignited Mind Better Tomorrow.”

SWOC ANALYSIS

STRENGTH

- The college was awarded centre with potential for Excellence status recently.
- The college has updated its syllabi by introducing choice based credit system which leads to holistic development of the students.
- The college has well-equipped laboratories and classrooms.
- Computer and internet facilities are presently in the ratio of 1:3 i.e. one computer to three students.
- The library offers facility to view sandhan and other educational programmes.
- The college has Digital Educational and Learning Laboratory.
- The college has three Add-on courses namely,
 - Sports Nutrition
 - Interiors
 - Fashion Design.
- The college has facilities for Distance Learning.
- Career and counseling forms an important part of college activity.
- Functional IQAC where in the academic calendar is planned in advance.
- Educational activities are conducted beyond classroom teaching where in personal counseling is carried out.
- Extra curricular activities in the college are effectively performed under Sapt dhara which enhances the over all development of the students in terms of creativity, leadership quality and managerial skills.
- The faculty works hard to give 100% result.
- The faculty members, administrative staff and support staff are devoted to the institution.
- The college gets guidance and financial support from the management as and when needed.
- Six faculty members are pursuing their Ph.D.’s
- Capacity Building programmes are organized successfully by the college from time to time.
- The college has organized number of Faculty Improvement programmes.
- The college has an Aaganwadi workers training centre under ICDS.
- The college has spacious campus with well maintained landscapes along with open stage, summer house and open badminton courts.
- The college has a strong network with community outreach programme.

WEAKNESSES

- Student’s strength has dropped recently due to situation beyond our control.
- Job placement of students soon after graduation is not much as they either go for further studies or get married.

- Since large number of students commute from remote/rural areas, they are not inclined to take add-on courses due to time constrain.
- A large number of students are first generation learners.

OPPORTUNITIES

- The college under CPE status has ample funds for augmentation of laboratories, research facilities and student development.
- The college gets sufficient grant from UGC for enhancement of teaching-learning.
- The college for its outreach programmes has an opportunity to collaborate with government and Non-government organizations due to strong community network.
- The faculty is encouraged to apply for major and minor research projects.
- The faculty is motivated for upgrading their academic qualification.
- Since our college is a part of trust (Charutar Vidya Mandal) which manages around 49 Institutions, this gives us an opportunity to call experts from various fields as and when need arise.

CHALLENGES

- It is challenge for the faculty to convince the parents to give priority to girls' education.
- The faculty has to encourage students to be more professional.
- To motivate students from other undergraduate institutions to join add-on courses.
- To apply for Graduate level vocational courses.
- To initiate post graduate courses in the college.
- To apply for interdisciplinary major and minor research projects from various funding agencies.
- As the self finance colleges in state with state of art facilities have increased, it is a challenge for the college to sustain and increase the strength of the students.
- To link present education with student's earning with an aim to earn while you learn.
- To motivate the final year students for research.
- To encourage students to understand their social responsibility through college outreach programme.

POST - ACCREDITATION INITIATIVES

In view of the recommendations made by the Peer Team.

Efforts are made to communicate prospects of Home Science.

- Distribution of Handouts in community regarding courses in Home Science.
- Participation in Krushimela and imparting awareness of Home Science.
- Participation in 'Vidhyog' giving handbills about Home science and counseling on Life Style Diseases. Responsibility to maintain hygiene of the 'food court' was taken by the students.
- Faculty members visit various higher secondary schools to make the girl students aware of Home Science.
- Higher Secondary students are encouraged to visit the college as and when open house is organized.

- Counseling of students prior to admission is carried out in the campus and students and their parents are made aware about subject's choices, etc.
- MOU with M.Sc. (DFSM) IGNOU, Department of Women and Child Development, Government of Gujarat. (For Anganwadi workers training centre), Ministry of Health and Family Welfare, Government of India.
- Students are offered courses in Entrepreneurship under CBCS. FSQC Students go for Industrial Training in Food Industries, thus develop interest in self employment. Students of Human Development have block placement in fifth Semester, where they have to select a pre primary institution of the choice and work there for six weeks, during sixth semester. Students go to any welfare centre working for the children women and the elderly as a part of Internship programme.
- The college has a career and counseling cell which conducts Nutrition and diet counseling apart from academic and personal counseling.
- The UDISHA programme manages career counseling and job opportunities.
- To develop communication and soft skills and personality development of faculty we have organized workshops and talks by experts. In collaboration with JCI like Anger Management, Stress Management, Body Language etc.
- A workshop was organized on developing research skills for final year students where research related attributes were discussed by experts. The students were actually made to plan a research design and then conduct resources and write a report.
- Under CPE Extension programme, CDS, DVD's, Posters, Booklets, training material etc are developed which is utilized for the benefit of adopted Anganwadi's as well as Training Centre and Community programmes during 'Nutrition' and 'Mothers Milk week' Programmes. Courses in Community Nutrition and Urban and Rural Development have provisions of students participating in community through Practicals.
- Department of Foods and Nutrition organized exhibition on diet for various diseases during 'International Nutrition Week' 1st to 7th September and Mother's Milk Week 1st to 7th August. Human Development Department organized exhibition on Balwadi day, Family Resource Management Department during 'Consumer week' and Textiles & Clothing Department exhibit garments made by students.
- Foods for infants, low birth weight babies were displayed.
- We are in the process of infrastructure enhancement where in, we are augmenting seminar room, Microbiology Laboratory, Classroom improvement, reconstruction of stage in front lawns, equipments in laboratory as per the demand of the syllabus.

Curriculum Enhancement / Teaching Learning Methods

- CBCS system with Foundation, Core and Elective courses are functioning since 2010-11, in all VI Semesters and ALM (Active Learning Methods) in various subjects is introduced. eg. Women's issues, Personal empowerment, Family dynamics, Biology, Medical Nutrition Therapy, Clinical Nutrition etc.
- Structured programme in English for students in small batches.
- For Co-curriculum -

We have introduced Saptdhara, for over all development of students which include

Gyan Dhara

Sarjnatmak Abhivyaakti Dhara

Khel-Kud, Yog Dhara

Kala Kaushalya Dhara

Geet-Sangeet, Nrutya Dhara

Samudaik Seva Dhara (NSS, NCC)

Natya Dhara

- Various workshops to develop skill in students and for enhancement of knowledge were organized by all departments. Educational trips for the students were also organized.
- Workshops, seminars, talks by experts are organized in collaboration with various agencies, and to keep pace with new developments, each department is furnished with internet and computer facilities and latest equipments.
- The organization has a facility of sick room for the students. We also have indoor sports room where students can relax in free time with table-tennis, chess, carrom etc.
- The college also manages a cafeteria for Faculty and students.
- The college has installed RO System.
- "Add on Courses in "Sports-Nutrition", 'Fashion Design' and "Interiors". Sponsored by UGC have been implemented.

Teaching and Non teaching faculties:

- The institution has started career and counseling cell where various training programmes, workshops, talks are organized for faculty as well as students.
- Faculties have applied for Minor Major Research Projects and a few have already received them.
- 6 faculties have enrolled in Ph.D. programs for value addition in their knowledge.
- Almost all faculties are going for lectures, on various topics, at 'Sandhan' a State Government initiative through BISAG which is a live telecast throughout the state.
- Faculty members get exposure in guiding post graduate students for their dissertation in P.G. Department of Home Science as well as IGNOU.
- Internet facilities are provided in department, library and Computer Laboratory.

Technology Upgradation

Each department is equipped with LCD which is utilized by faculty and students during seminars.

- Use of LCD for lecturers and for final year students for seminar. 06 pieces in all i.e. 1(Foods & Nutrition) + 1 (Family Resource Management) 1 (Human development) + 1 (Textiles & Clothing) + 1 (DELL) + 1 (Mobile).
- Internet facilities for faculty and students.
- Library with SOUL software and Internet Inlibnet.
- Each department has one computer with a printer.
- College has SANDHAN facilities relayed via BISAG. Students get an opportunity to listen to expert lectures and ask questions.
- Computer and Internet Access and training to teachers and students.

B. Profile of the affiliated/Constituent College

1. Name and address of the College:

Name : S. M. Patel College of Home Science
Address : Mota Bazar
City : Vallabh Vidyanagar Pin: 388120
State : Gujarat
Website : www.smphomescience.edu.in

2. For Communication

Designation	Name	Telephone withSTD code	Mobile	Fax	Email
Principal	Rekha Emanuel	O:02692 - 230245 R:02692 - 231860	93750 33212	02692-230245	rekhaemmanuel@gmail.com
Vice Principal	---	O: R:			
Steering Committee Co-Ordinator	Paresha Patel	O:02692 - 230245 R:02692 - 248268	98796 14487	02692-230245	Paresha19@gmail.com

3. Status of the institution :

Affiliate College ☒
Constituent College ☐
Any other (specify)

4. Type of Institution :

a. By Gender

i. For Men ☐
ii. For Women ☒
iii. Co-education ☐

b. By Shift

i. Regular ☒
ii. Day ☐
iii. Evening ☐

5. Is it a recognized minority institution?

Yes ☐
No ☒

If yes specify the minority status (Religious/linguistic/any other) and provide documentary evidence

6. Source of funding:

Government ☐
Grant-in-aid ☒
Self-Financing ☐
Any other

7. a. Date of establishment of the College: 15-06-1971

b. University to which the college is affiliated.

Sardar Patel University, Vallabh Vidyanagar

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)	08-09-1975	College established
ii. 12(B)	08-09-1975	Before June 1972.

d. Detail of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ Clause	Recognition/Approval details Institutiun/Department/ Programme	Day, Month and Year (dd-mm-yyyy-)	Validity	Remarks
i.	NA	--	--	--
ii.	NA	--	--	--
Iii	NA	--	--	--
iv.	NA	--	--	--

(Enclose the reconition /approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☒

No ☐

If yes, has the College applied for availing the autonomous status?

Yes ☐

No ☒

9. Is the College recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes ☒

No ☐

If yes, date of recognition : 06-09-2011

b. for its performance by any other governmental agency?

Yes ☐

No ☒

10. Location of the campus and area insq.mts.

Location*	Urban
Campus area in sq. mts.	7200 sq. mts.
Built up area in sq. mts.	5782.63 sq. mts.

- 11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.**

Auditorium/seminar complex with infrastructural facilities

Facilities of the sister Institution are availed as and when required (under CPE status Auditorium/Seminar room will be set up before the end of the academic year)

Sports Facilities

Play ground : Common Play ground for all C.V.M. institutions, play facilities are also available in the college.

Swimming pool : Owned by C.V.M. managed by townclub

Gymnasium : Available in the College as well as in the common play ground.

Hostel

Boys' hostel : NA

Number of hostels : NA

Number of inmates : NA

Girl's hostel

Number of hostels : One

Number of inmates : 800

Facilities available: Rooms, Mess, Internet, Audio visual room, security.

Working women' Hostel :

Number of inmates : no one at present

Facilities available : rooms, Security, Audiovisual room

Residential facilities for teaching and non-teaching staff (give numbers available—cadre wise) : Management Provides facility on demand.

Teaching - 01

Non Teaching - 01

Cafeteria ☒

Health centre - Sardar Patel University Health Centre

Krupa facilities of Shree Krishna Hospital, Karamsad.

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff –

Qualified doctor Full time ☒ Part-time ☐

Qualified Nurse Full time ☒ Part-time ☐

Facilities like banking, post office, book shops ☒

Transport facilities to cater to the needs of students and staff – City bus facilities, State transport, Management provides vehicle when ever required, vehicles on hire are available

Animal house : NA

Biological waste disposal : Nagar Panchyat provide this facilities.

Generator or other facility for management/regulation of electricity and voltage ☒

Solid waste management facility : by Nagar Palika of Vallabh Vidyanagar

Waste water management : by Nagar Palika of Vallabh Vidyanagar

Water harvesting : two syntax tanks of 1000 lits each for rain water collecting are available in the college.

12. Details of programmes offered by the college

Sl. No	Programme Level	Name of the Programme Course	Duration	Entry Qualification	Medium of instruction	Sanctioned /approved Student strength	No. of students admitted
	Under-Graduate	B.Sc. (Home Sci.)	3 Years 6 Sem.	Std. XII pass or equvelent	English/ Gujarati	200 at F.Y.	100 At F.Y.
		B.Sc. (Vocational)	3 Years 6 Sem.	Std. XII pass or equvelent	English/ Gujarati		15 at F.Y.
	Post-Graduate						
	Intetrated Programmes PG						
	Ph.D.						
	M.Phil						
	Ph.D.						
	Certificate courses	3	One Year	Admission UG Level	English/ Gujarati		51
	Diploma Add-on Diploma	3	One Year				11
	PG Diploma						
	Any other (specify and provide details)	IGNOU Study Centre					41

13. Does the college offer self-financed Programmes ?

Yes ☒ No ☐

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	3
-----	-------------------------------------	----	--------------------------	--------	---

15. List the departments : (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes, Similarly, do not list the departments offering common compulsory subjects for all the programmes like English,regional languages etc.)

Particulars	UG	PG	Research
Science	--	--	--
Arts	--	--	--
Commerce	--	--	--
Any Other not covered above	Four	NA	NA

16. Number of Programmes offered under (Programme means a degree course like BA, B.Sc.,M.A.,M.Com....)

- a. annual system
- b. semester system
- c. trimester system

17. number of Programmes with

- a. Choice Based Credit System
- b. Inter/Multidisciplinary Approach
- c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No ☒

19. Does the college offer UG or PG programme in Physical Education?

Yes No ☒

1. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Teaching Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	--	--	01	07	--	05	04	03	--	--
Recruited						3PT 1 AS				
Yet to recruit	Nil									
Sanctioned by the Management/Society or other authorized bodies	--	--	--	--	--	--	--	--	--	--
Recruited										
Yet to recruit	--	--	--	--	--	--	--	--	--	--

*M-Male *F-Female

21. Qualifications of the teaching staff :

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.					03		03
M.Phil							
PG			01	10		4	15

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Temporary teachers							
Ph.D.							

M.Phil							
PG					01 AS		01
Part-time teachers							
Ph.D.							
M.Phil							
PG						03	03

22. Number of Visiting Faculty/Guest Faculty engaged with the College.

23. Furnish the number of the students admitted to the college during the last four academic years.

	2008-09		2009-10		2010-11		2011-12	
Categories	Year1		Year2		Year3		Year4	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	--	06	--	07	--	13	--	13
ST	--	08	--	09	--	1	--	08
OBC	--	67	--	75	--	64	--	42
General	--	428	--	405	--	373	--	300
Others	--	20	--	18	--	20	--	14

24. Detailson students enrollment in the college during the current academic year:

Type of students	UG	PG	M.Phil	Ph.D.	Total
Students from the same state where the college is located	307	--	--	--	307
Students from other states of India	05	--	--	--	05
NRI students	--	--	--	--	--
Foreign students	--	--	--	--	--
Total	312	--	--	--	312

25. Dropout rate in UG andPG (average of the last two batches)

UG

26. Unit Cost of Education

(Unit Cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary componenet

(b) Excluding the salary componenet

27. Does the College offer any Programme/s in distance education mode(DEP)?

Yes ☒ No ☐

If yes,

a) Is it a registred centre for offering distance education programmes of another University: Yes ☒ No ☐

b) Name of the University which has granted such registration.

IGNOU

c) Number of programmes offered One

d) Programmes carry the recognition of the Distance Education Council.

Yes

✓

No

28. Provide Teacher-student ratio for each of the programme/course offered.

1 : 20

29. Is the college applying for

Accreditation : Cycle 2 ✓

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 31/03/2007

Accreditation Outcome/Result : B+ 77.40%

Enclosed copy of Accreditation certificate(s) and peer team report(s) as an annexure-I.

31. Number of working days during the last academic year.

231

32. Number of teaching days during the last academic year

184

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC : 27/06/2007

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) AQAR to NAAC.

(dd/mm/yyyy)

AQAR(i) 20-08-2008

AQAR(ii) 09-07-2009

AQAR(iii) 05-04-2010

AQAR(iv) 01-07-2011

AQAR(v) 07-06-2012

35. Any other relevant data

- The college manages an Anganwadi workers training centre to train Anganwadi workers, Helpers & various other cadre of ICDS functionaries. This is financed by the State Govt.

- IGNOU Study Centre for M.Sc. programme is Dietetics and Food Service Management
- Digital English learning Laboratory (DELL) by the State Govt. Students appear for various levels of exams in English taken by SCOPE,
- Co-curriculum activities under SAPTHDHARA
- SANDHAN Programme via BISAG where students can ask questions known as rubaroo.

C.Criteria-Wise Inputs

CRITERION I : CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students. Teachers, staff and other stakeholders.

Vision :

- To promote education for young women of rural and semi urban population.

Mission :

- ‘Vidyarathanam Mahadhanam’ being the mission; institute aims at professional development and personal enrichment of students along with positive self concept and confidence.

Objectives :

- To impart knowledge and develop professional skill in various areas of Home Science.
- To train them for various vocatons and dealing with different life situations.
- To develop potential and creativity among students and helping in solving academic and personal problems.
- Toeducate students for identifying the needs of the disadvantage group of the society and working for their development.

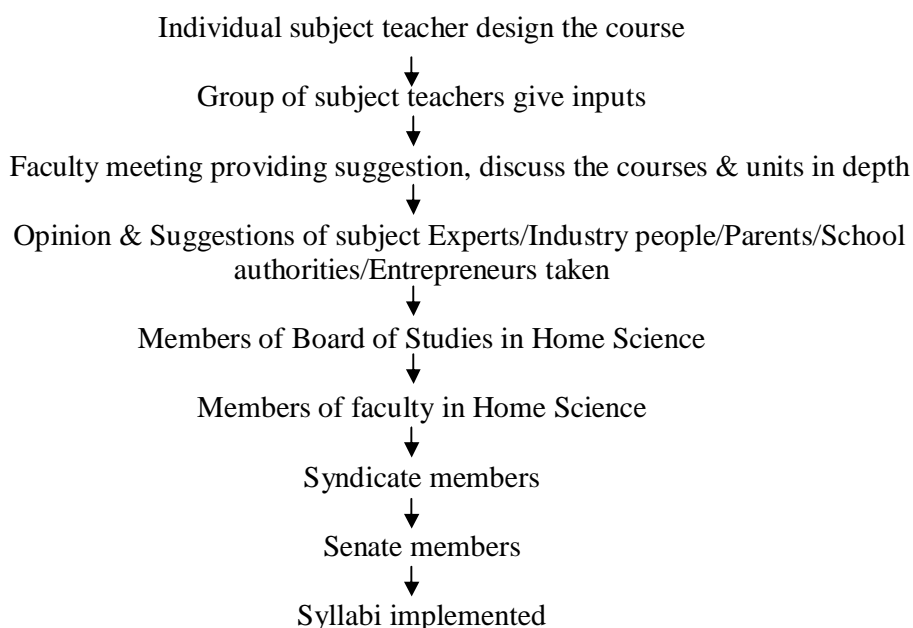
The vision, Mission and objectives are communicated to the students, teachers, staff and other stakeholders through

- The vision, mission and objectives are displayed at various places in the institution, viz, Entrance, Library and common room.
- During teaching and non teaching faculty meetings the vision, mission and objectives are considered in the academic, cocurricular and extra curricular activities at the time of planning.
- Parents meeting are a regular feature of the college during which the vision and mission is interwoven in the Principal’s address.
- The brochure of the institute comprises of vision, mission, scopes the programmes and the subjects offered which is circulated widely during the admission process, to various schools & other stakeholders and visitors to the college.
- Each academic year institution prints an updated prospectus comprising of vision, mission, objectives, course structure, evaluation system, criteria for admission and academic calendar.
- At the time of seeking admission the students and parents are counselled and briefed about the vision, mission and objectives by the faculty members face to face.
- Institute launches ‘Pragati’, a college magazine every year which reflects the vision, mission and objectives of the College.
- The institute has developed a website – www.smphomescience.edu.in and is regularly updated.

1.1.2. How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

- Under the CBCS the syllabi was revised and new subjects introduced as Foundation, Core and Elective from the academic year 2009-2010.
- The course outline for B.Sc. (Home Science), B.Sc. (FSQC) (Vocational) and add-on courses in Sports Nutrition, Fashion Design and Interiors are prepared in detail. A 2 credit course contains 4-5 units and a 3 credit course contains 5-6 units. Each unit is given weightage so that the faculty members can plan out number of classes required for each subject.

Then the designed syllabus is discussed and passed in the following manner:



- To ease teachers planning, at the beginning of I & II terms the academic calendar is discussed including total number of teaching days, the dates of I, II Internal test, internal practical test, dates for internal marks submission tentative commencement of University exams.
- Each teacher is given in written the total workload, number of credits, course number internal/external division of marks, passing marks in beginning of each semester.
- The list of holidays (given by university) for academic planning of the subject as per weightage of the units.

1.1.3. What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The university, management and the institution provides supports in various manners for effectively translating the curriculum and improving teaching practices:

- Moral and financial support is provided by the management as per the need and requirement.

- Lectures are delivered and teaching material is prepared in English and Gujarati languages by the subject teachers.
- Analysis of the university results.
- Questions bank is prepared by the subject teacher.
- Teachers have freedom to give their suggestions and opinions.
- Student feedback is taken and analyzed.
- Flexibility is provided in the time table.
- Infrastructure facilities are provided like mike system, LCD etc.
- ICT facilities are given.
- Faculty members can make use of university library.
- Institute and management helps the teacher to plan and execute the study tours, workshops and seminars to give practical knowledge to the students.
- Teachers are motivated to participate in various seminars, workshops and conferences.
- Faculty members are encouraged to participate in various capacity building programmes organised by Knowledge Consortium of Gujarat viz.,

Four faculty members participated in ALM (Active Learning Methodology), seven faculty members participated in Capability building programme in Home Science and two faculty members participated in Capacity building programme in Chemistry & Life Science.

1.1.4. Specify the initiative taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

Ours is the only undergraduate Home Science College in S. P. University and have strong representation in Board of Studies (five members). Thus we have free hand in planning and implementing the syllabus.

- A mandatory course in Environment studies was suggested by U.G.C. and Sardar Patel University but it is incorporated as foundation course in First year B.Sc. programme by the institution.
- Choice Based Credit System is already implemented from academic year 2009 onwards.
- The faculties of the institutions are appointed as members of Board of Studies in Home Science, Faculty of Home Science, Academic Council, Senate and Syndicate at S. P. University.
- The institution has established a 'Active Learning Methodology' classroom to increase the participation and involvement of students in the subjects offered.
- Since 2011, college has facility for SANDHAN (all Gujarat integrated classroom), live telecast of subject lectures by commissionerate of higher education, Government of Gujarat. This is coordinated by one of our faculty members for all Home Science subjects in Gujarat.

1.1.5. How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

a) The Institution has linkages with the following:

Government organizations:

- SANDHAN, Department of Higher Education
- Weavers service centre, Ministry of Textiles Gujarat Govt.
- Mid-day meal programme
- Functionaries forest department
- Helpage India- Ahmedabad
- Dept. of Women & Child Development, Gujarat
- Ministry of health & family welfare-New Delhi
- NIPCCD-New Delhi
- IGNOU-New Delhi
- MSME-Ahmedabad
- Employment Exchange-Govt.of Gujarat.

Non-government Organization:

- SETU-Ahmedabad,
- Homes for elderly-Lambhvel, Borsad, Dharmaj,
- Nature Culb-V.V. Nagar,
- ASHA-Vadodara, (special education centre)
- Maitry school for challenged children,
- Foundation for ecological security-Anand,
- SEWA-Anand and Ahmedabad Branch,
- Jagrut Mahila Sangathan-Anand,
- Vanprashtha Sewa Samaj-Ahmedabad,
- Grahak Suraksha Mandal-V.V.Nagar,
- Hiraba Mahila Mandal-V.V. Nagar,
- SAHAJ foundation -Dahod.

Academic institutes:

- Preprimary & primary schools, in & around Anand
- Mitra School, Anupam mission-Mogri
- Sister Institute of Charutar Vidya Mandal
- Anand Law College-Anand
- Shree Krishna Hospital-Karamsad
- Women's studies centre-Sardar Patel University
- Faculty of family & Community Science-Vadodara
- Sheth P. T. Mahila College, SNDT-Surat
- SICART, Ipcowala-santram College of FineArts, Ayurvedic College, Architecture & interior Design College.

Industries & Entrepreneurs:

- Amul Dairy-Anand
- Pidilite India Ltd.-Vadodara
- HAVMOR, Icecream manufacturers Ltd.-Ahmedabad
- Mangalya pottery-Kanjari
- Clay art-Vadtal
- Comfy furniture-Vidyanagar
- Laxmipati mills pvt. Ltd.-Surat
- Bal-amul-Mogar
- Anand foods & Dairy product-Sarsa
- Mother Dairy-Gandhinagar
- Baroda Dairy-Vadodara

- BMP textiles-Ahmedabad
 - Madhubhan resort-Vallabh Vidyanagar
 - Mafatlal Industries-Nadiad
- b) The experts from other universities, research bodies and industries are appointed as expert for curriculum planning and examiners in university exams.
 - c) For Add-on courses expert faculties from other institutions, universities and industries are invited to deliver lectures, workshops and demonstrations.
 - d) Institute organizes visits and study tours to industry and research bodies to give practical knowledge to the students.
 - e) Campus interviews are organized in Foods and Nutrition and Human Development department for the placement.
 - f) Course structure is updated on the websites www.smphomescience.edu.in and is updated every year.
 - g) Beneficiaries are invited in alumni meet, annual day celebration, co curricular activities.
 - h) Faculties also interact with Granth Nirman Board, a Department of Higher education, Government of Gujarat initiative to strengthen the curriculum and writing of books.

1.1.6 What are the contributions of the institutions and/or its staff members to the development of the curriculum by the University? (Number of staff members/departments represented on the Board of Studies, students feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

The Institution and its staff members contribute in various manner to the development of the curriculum by the University.

Contribution of staff members:

- The Board of studies in Home Science at Sardar Patel University comprises of 10 members of which the dean of faculty of Home Science is the Principal of this institution and faculty members are member of the board each one representing the departments as Textiles & Clothing, Foods & Nutrition, Family Resource Management & Human development i.e.
Principal + four faculty members
- The curriculum planning is carried out in college, discussed with other faculties in the staff meeting, inputs and suggestions are taken from stakeholders and then discussed with other members of Board of Studies.

Student Feedback:

The institution seeks student feedback with an aim to analyze the offered curriculum and as per suggestions / analysis changes are made and it is seen that the justice is done to curriculum offered.

Stakeholders Feedback:

Stakeholder's feedback is taken as and when needed, at the planning stage and during the internship and training subjects. Extensive activities carried out by student also helps in developing the curriculum.

Teacher feedback :

Teacher feedback is taken as and when required.

Specific suggestions :

Ours is the only institution offering B.Sc. (Home Science) programme under Sardar Patel University, so the institution has access to design, plan and implementing the curriculum at college and university levels.

1.1.7. Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give detail on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

The institution provides facilities to develop curriculum for other courses too.

- The syllabus for Ph.D. courses (FRM) is designed by one of the faculty.
- The syllabi for M.Sc. (Home Science), Human development is developed & planned by two faculties.
- The courses in the M.Sc. (Home Science), Family Resource Management was designed, developed by four faculties from the institute along with the faculty at P. G. Level.
- The faculty members as the members of board of studies in Home Science studies, analyze and suggest the change required in the syllabi of M.Sc. (Home Science) in various subjects.
- Principal is the co-ordinator for various committees at district level of initiatives of higher education, government of Gujarat.
- Four faculties have prepared syllabus for the women's polytechnic, Gujarat Agricultural University.
- One faculty member is co-ordinator in Home Science at SANDHAN, all Gujarat integrated classroom, a BISAG telecast.
- Three faculty members are associated with Granth Nirman Board, Department of higher education, and Government of Gujarat in publishing literature in Home Science.
- One faculty member is one of the co-ordinators at IGNOU programme in Postgraduate course in Dietetics & Food Service Management, thus suggests the syllabi & curriculum.
- During the curriculum design, the socio cultural background of students is considered, available job opportunities are looked into and syllabi changes are planned.

1.1.8. How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The institution analyzes and ensures that the stated objectives of curriculum are achieved in the course of implementation through the following:

- Student's feedback is taken & documented.
- Results of University exams are analyzed and feedback is given to individual teacher.
- Teacher diary is maintained.
- Theory and practical examinations as per curriculum are conducted.
- Internal test and university examination paper sets are available in library.
- To analyze the objective of the subjects, extension activities are carried out.

- The placement achieved and Job taken up by the students after completing graduation are studied.
- Under the internship and the block placement courses reports of the practical experiences in the industry, or non government organizations or school are studied.
- Internal marks are marked through comprehensive continuous evaluation method.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

Goals:

- To impart education (knowledge & skills) to the young women in Home Science and related areas.
- To prepare students for various vocations & professions.
- To develop self-confidence and personality of the students to face various life situations.

Objectives:

- To impart knowledge and develop professional skills in various areas of Home Science.
- To train them for various vocations and dealing with different life situations.
- To give practical experience by industrial linkages and placement.
- To develop potential and creativity among students and helping in solving academic & personal problem.
- To educate students for identifying the needs of the disadvantage group of the society and working for their development.

To achieve this objective:

- Institute offers Add-on certificate & Diploma courses in Sports Nutrition, Fashion design & Interiors.
- Institute is a study centre for M.Sc. Dietetics and Food Service Management offered by IGNOU.
- Institute offer B.Sc. Programme in Food science & Quality Control (vocational)
- The B.Sc. programme as grant-in-aid in Textiles & Clothing, Family Resouce Mangement, Human Development and Food & Nutrition itself are skill oriented.
- The skill oriented subject under various programmes offered by institution are :

F.Y.B.Sc.

I Semester - Introduction to clothing, Computer Basics, First aid & Home Nursing

II Semester - Effective speaking & writing, Introduction to Textiles, meal planning.

S.Y.B.Sc.

III Semester - Foundation of Art & Design, Clothes & Individual, Institutional Food Service Management, Consumer Education, Clothing Construction, Programme planning in ECCE, Land scaping and gardening.

IV Semester - Communication process in development, Family Clothing, Indian Embroidery, Flat pattern methods for apparel, Fashion illustration, Residential space design, Exterior space design, Methods & materials for working with children-I

T.Y.B.Sc.

V Semester - Computer application in Textiles & clothing, Family resource management, Advance clothing construction, Draping, Food service Management, Housekeeping, context & concept in Management, Methods & materials for working with children-II, Computer application in Human development, Computer application in Foods & Nutrition, Analysis of food, Medical nutrition therapy-I, puppets & puppetry, Analytical instrumentation.

VI Semester - Textile printing, commercial clothing, textile testing, Computer application in FRM (AutoCAD-II), working with parents & community, Management of ECE & Welfare centres, Medical, Nutrition Therapy-II, Nutritional Assesment & Surveillance, Culinary science, Food product development.

- The entire programme of study in Home Science is skill oriented.
- All undergraduate and add-on course certificates are given by Sardar Patel University.

1.2.2 Does the institution offer programmes that facilitate twinning/dual degree? If 'yes', give details.

Yes, the institution offer programmes that facilitate twinning. Along with B.Sc, programme, college offers U.G.C.sponsored add-on courses in a) Sports Nutrition, b) Interiors c) Fashion Design. These add-on courses are carried out before and after the regular programme hours and during holidays.

The institution trains & prepares students for SCOPE examination & to enhance English language proficiency in the Digital Educational and learning Laboratory.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability.

- Range of Core/Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses

- Every semester, elective subjects are offered and students can opt as per interest.
- Institution has implemented Choice Based Credit System.
- Students are offered practical based subjects in modular form.
- Institution offers lateral & vertical mobility within and across programmes and courses. Under CBCS students unable to clear the said credits in any of the semester is allowed to seek admission in higher class but has to clarify all of them by the end of VI Semester.
- Teacher is permitted to adjust her teaching classes if needed.
- Students are allowed to work in extra hours for practical courses if needed (especially students who have missed the particular class, seek late admission to the college, slow learners) and guided by teacher too.
- Seminars, workshops, exhibitions, internship, block placements, on the job training, project works are carried out in subjects related to Home Science, Social issues, personality issues.
- As a part of Saptadhara activities, students gain knowledge and skills in extra-curriculum fields various workshops and creativity competitions are organized.
- Institution carries out programmes and classes for DELL course and computer subjects.
- Internet facility is provided to students.

1.2.4 Does the institution offer self-financed programmes? If ‘yes’, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes, the institution provides vocational course in B.Sc. Food Science & Quality Control, a self finance programme.

- The admission criteria are as per the U.G.C. guideline and Sardar Patel University norms.
- In the curriculum, at first semester students are offered sensory evaluation instead of Introduction of clothing, in III semester subjects as food service mgt., Food packaging, Food Costing and Entrepreneurship instead of Foundation of Arts & Design, Clothes & Individual, Early Childhood Care & Education. At V Semester Analytical instrumentation is offered instead of Food service Management and in VI Semester subjects as on the job training, Food product development are offered.

Fees structure:

The Fees structure differs for the B.Sc.programme in Food Science & QualityControl.

Class	Fee structure per annum
F.Y.B.Sc., FSQC	Rs. 14870/-
S.Y.B.Sc., FSQC	Rs. 14090/-
T.Y.B.Sc., FSQC	Rs. 15310/-

Teacher Qualification:

- The Food science & Quality Control programme runs on the visiting faculties as subject experts.

- Highly Qualified faculties from Commerce, industry, Medicine & Engineering are invited as guest lecturers.

Salary:

- The teaching faculty is given remuneration as per U.G.C. norms for theory and practical classes. The payment is done in hours.
- The lab assistant, clerk and peon are employed separately and are paid on monthly basis fixed salary.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries?

The college do provides additional skill oriented programmes relevant to regional and global employment markets.

- Various Add-on certificate and Diploma programmes enable students with the skills related to designing, manufacturing, marketing and first hand experience to gymnasiums. i.e. Add-on certificate & Diploma courses in Sports nutrition, Fashion Design and Interiors.
- Under the career and counseling cell workshops are arranged for the T.Y.B.Sc. Students which add to the skills of their subject of study.
- To develop self confidence among students' programmes on personality development, first impression, decision making etc. are executed from time to time.
- Institution provides training to student for SCOPE examination, organized by Gujarat Government for English proficiency.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice If 'yes', how does the institution take advantage of such provision for the benefit of students?

Yes, the university provides the following by combining the conventional face to face and Distance mode of Education for students to choose the courses/combination of their choice.

- The institution displays the detail information of such courses on noticeboards.
- Faculties encourage, motivate and guide the students to pursue such courses.
- Students are persuaded to appear for SCOPE examination under which training is provided to students and flexibility in class timings are also given.
- Under CDC (Career Development Centre), a Initiative of Charutar Vidya Mandal, training and guidance for UPSC (Union Public Service Commission) Examination is imparted.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The Principal of our college is the Dean of the faculty, moreover five faculty members are in the Board of Studies in Home Science thus make lots of contribution to various postgraduate level courses and also see that curriculum meets the institutional goals and objectives.

Institutional faculties are also members of various academic committees at college, University and higher education level in planning, designing and implementation of curriculum.

While planning the syllabi the institute and the faculty members see to it that the goals and objectives of the institute should be included into the curriculum itself.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

To cater to the needs of the dynamic employment market the institute made the following efforts:

- The institute has introduced the choice based credit system with core courses, foundation courses and skill oriented courses, seminars & research oriented courses and courses which enhances communication skills.
- The institute introduced new courses and modified existing courses to cater the market needs after having formal discussion with the stakeholders.
- Add-on courses in fashion design, Interiors and Sports Nutrition are offered to the students with the regular B.Sc. degree to strengthen the field of professional course.
- Elective courses like grooming and personality, counseling techniques, first aid and home nursing, landscaping and gardening etc. are offered at B.Sc. level from which they choose the subject which enhances their professional skills to cater to needs of professional market.
- Exhibitions, open house, garment shows celebration of various weeks are carried out to showcase the skills, creativity and talents of the students.
- The institute organises various co-curriculum activities in the form of seminars, workshops, demonstrations, exhibition related to courses of study.
- Alumni meet and student counsellings are arranged to take feedback and suggestions regarding market demand and changes are made in the curriculum as and when required.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

Subjects related to Gender, climate change, Environmental Education, Human Rights, ICT are inculcated in the syllabus itself to address the cross cutting issues. In each semester one course offered is related to cross cutting issues such as:

- a) Environmental Studies
- b) Computer Basis and Application in T.C., FRM, HD, F.N.
- c) Personal Empowerment

- d) Sociology
- e) Consumer Education
- f) Landscaping and Gardening
- g) Child and family welfare
- h) Women's Issues
 - Guest lectures of eminent gynecologists, Practising lawyer and Environmentatists are organized from time to time.
 - For subjects like Environmental studies and Climate Change students are exposed to issues and their remedies through field visits.
 - Films shows, role plays related to climate change environmental studies consumer education, conservation of energy are arranged for the students.
 - Debates, discussions and elocutions on gender issues, climate change, and human rights are organized by the institute.
 - Students are motivated by the faculty members to join nature club of Vallabh Vidyanagar, Red ribbon club.
 - Celebration of consumer week, nutrition week, breast feeding week are carried out to make the students aware about these issues.
 - College library has various books on gender issues, climate change, environmental studies, Human rights, ICT for reference.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

Moral and ethical values

- Environmental Studies
- Personal Empowerment
- Yoga
- Health and herbs
- Sociology
- Counseling techniques
- Communication process in development
- Methods and materials working with children
- Programme for rural and urban development
- Traditional Textile
- Indian tribal costumers
- Child Psychology
- Consumer Education
- Child and family welfare
- Puppets and puppetry
- Context and concept in management
- Women's issue
- Working with parents and community
- Marketing Management
- Programmes for women and aged,
- Hygiene and sanitation
- Interpersonal Communication in work place.
- Public health and epidemiology

Employable and life skills

- Environmental Studies

- Biology
- Chemistry
- Computer basics
- First Aid and Home nursing
- Meal planning
- Finance Management
- Basics of business
- Effective speaking and writing
- Food adulteration and testing
- Clothes and individual
- Foundation of Art and design
- Clothing and construction
- Entrepreneurship
- Child and family welfare
- Placement in ECCE centres
- Food packaging
- Residential space design
- Guidance and Counselling
- Physical growth and health
- Methods and materials for working with children
- Life Span development
- Computer application in Home Science
- Landscaping and gardening
- Fundamentals of interiors and furnishings
- Textile printing
- Advance clothing Construction
- Ergonomics
- Kitchen modular design
- Consumerism
- Building structure and materials
- Hospital Management

Better career options

- Food Preservation
- Effective Speaking and writing
- Institutional food service management
- Housekeeping
- Front office Management
- Clothing construction
- Entrepreneurship
- Landscaping and gardening
- Textile and apparel marketing
- Textile dyes.
- Fashion illustration
- Flat pattern methods
- Food Analysis
- Consumer Education
- Therapeutic diet.
- Exterior space design
- Ergonomics

- Food science
- Biochemistry
- Computer application in FRM
- Kitchen modular design
- Commercial clothing
- Medical nutrition therapy
- Hospital Management
- Textile testing
- Community nutrition
- Internship in welfare centres
- Food Product development
- Internship
- Programme for rural and urban development
- Food microbiology
- Advance clothing construction
- Household equipments
- Advance textile & finishes
- Design Textile & Apparel
- Fundamentals of interiors & furnishings

Community orientation

- Environmental Studies
- First aid and home nursing
- Maternal and child nutrition
- Community nutrition
- Consumer education
- Programme planning in ECCE
- Health and herbs
- Family clothing
- Household equipments
- Fashion and Colour
- Counselling techniques
- Therapeutic diets
- Programme for rural and urban development
- Guidance and counseling
- Indian tribal costumes
- Landscaping and gardening
- Women's issues
- Working with parents and community
- Programmes for women and aged.
- Ergonomics
- Hygiene and sanitation
- Public health epidemiology
- Food adulteration and testing
- Food for fitness
- Early child hood care and education

Enrichment Programmes

- Students are exposed to workshops such as research methodology, leadership, building, team work.

- Under N.S.S. students are motivated for community work, where they talk about cross cutting issues, income generating activities, personality development, create awareness on consumerism, Dahej Pratha, Beti Bachao etc.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

- To enrich and organize the curriculum suggestions and opinions of the stakeholders are considered.
- Under CBCS, subjects like soft skill development, interpersonal communication in work place, Grooming and personality, Personal empowerment, Food adulteration and testing, Applied and allied Chemistry, Textile dyes, Exterior space design, Basics of Business, Consumersim, Textile printing, Internship in welfare centre, programme for women and aged, on the job training are introduced since 2009-10 as per the suggestions received from Stakeholders Entrepreneurship is included as per suggestion given by NAAC peer team.
- In Syllabus of some subjects, modifications are made in courses, credit of theory and practical courses as below,

F.Y.B.Sc. - Practical courses in HD and FRM are introduced in the first Semester and in second Semester practicals of Textile and finance management are incorporated.

S.Y.B.Sc. - Theory of Community Nutrition, Foundation of art and design, Clothes and individual, Early childhood care and education is now made 3 credits and practicals of each subjects is of one credit.

All these modifications are done as per the suggestions from school, industry.

- In the add-on courses also as per the suggestions of experts and stakeholders changes were made in the curriculum in fashion design ie. Instead of fashion business, flat pattern method was introduced.
- After planning the syllabi for Interiors the institute invited reviews of experts from different fields i.e. architects, sculpturist, painter and industrialist. As per their suggestion subject of Appreciation and composition of Art and field visits are incorporated in syllabi.
- Opinion and suggestion of post graduate subject teachers are also taken into consideration.
- During the meeting of Board of Studies, feedback from the Board members of M. S. University, Professor, Reader and Associate professors of P. G. department of Home Science, S. P. University are also taken and modified as per their suggestions.
- The Institute also takes feedback from the community during the exhibitions and open houses to enrich the curriculum.
- Suggestion from the parents and alumni members is taken on the basis of their experiences to cater the needs of present market scenario.
- Secretary Incharge of C.V.M. (management body) is a learned academician and industrialist thus his inputs are also taken to enrich the syllabus.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The institute takes the following initiatives to monitor and evaluate the quality and enrichment of curriculum:

- The institute organizes internal theory and practical exams to monitor the understanding of the curriculum.
- The subject teacher interacts with the industry, management, school, hospitals, NGO and hotel authorities wherein students have undertaken the training and internship.
- The institute arranges alumni meet to reflect their experiences and seek feedbacks.
- The institute organizes parents meet for S.Y. and T.Y. students wherein feedbacks from the parents are also taken to evaluate the objectives of curriculum.
- The institute organizes skill oriented competitions such as ‘Creativity’ and stakeholders are invited as judges.
- Analysis of university results is carried out and the principal discusses with individual subject teacher.
- Suggestions of the central committee students are taken by the principal directly.
- The institute has set up a grievance box for the students suggestions and problems. Atleast twice in a semester it is opened in presence of the Principal, Vice President and General Secretary of the college and the action is taken accordingly.
- During counseling meets with students curriculum related topics are discussed
- Daily diary is filled by the faculty members.
- During exhibitions, openhouses and parents meeting Views and opinion of the visitors, parents, faculties and students from the college and other colleges are recorded and reviewed.

1.4 Feedback System

1.4.1 What are the contributions of the institutions in the design and development of the curriculum prepared by the University?

- Ours is the only institute in Sardar Patel University offering B.Sc. (Home Science) degree programmes, so each of the college faculty, designs the syllabi and discusses in the meeting at the college level.
- The courses and the credits to be offered are discussed and decided in the faculty meeting as per the objectives of the courses and then sent to the academic section of the University.
- The University passes the syllabus through Board of Studies, Faculty of Home Science, Academic Council, Syndicate and Senate. The Dean of Home Science, two faculties of Home Science and four members of Board of Studies from our institute represents various academic committees at the university level.
- Faculties participate in the workshop and seminars organized on design and development of curriculum at university and higher education levels.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If yes, how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

- Yes, duly filled feedback forms are collected from students at the end of semester (once in two years) these feedback forms are documented and analysed and the outcome is recorded. The students evaluate each subject on the basis of given criterias.
- The results are used for changes and modifications in syllabi as per the suggestion after discussing with the members of Board of Studies & through formal academic channel of university.
- Formal feedback from the stakeholders is not taken but yes direct interaction with the employers, entrepreneurs, parents are taken, and changes are made accordingly while revising the syllabus.
- As college works with the community under the extension activities, the suggestions given are taken into consideration while developing curriculum.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

- Institution has introduced Choice Board Credit System at F.Y. level in 2009-2010, S.Y. level in 2010-2011, T.Y. level in 2011-2012
- Changes were made in the syllabi as per the UGC norms, modifications were made in the existing syllabus and new courses were also introduced to cater to the market demands.
College has started UGC sponsored add on courses :
 - Certificate course in Sports Nutrition - 2007-2008
 - Diploma course in Sports Nutrition - 2008-2009
 - Certificate course in Fashion Design - 2009-2010
 - Diploma course in Fashion Design - 2010-2011
 - Certificate courses in Interiors - 2010-2011
 - Diploma courses in Interiors - 2011-2012
- These courses were implemented to enrich the vision, mission, goals and objectives of the institution.
- To enable students to have certificate and diploma and add to their qualification at undergraduate level.
- New courses were introduced to ensure their compatibility with global market needs.

C. CRITERION – II: TEACHING LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

To ensure publicity the faculty members visit various higher secondary schools in and around Vallabh Vidyanagar with an aim to explain to the XII std. female students the importance & scopes of Home Science as a field of further education.

Pamphlets describing the courses and facilities offered in the college are distributed to female students who have completed XII, and are also displayed on notice board during admission time.

Posters are placed out side the college.

Faculty members render services during summer break by taking up the responsibility of counseling parents and prospective students.

Co-curricular & extra curricular activities related news is published in local newspaper with the photographs of the event.

Students from Dantiwada, Kapadwanj etc. persuing diploma courses after X std. are invited to visit the college.

2.1.2 Explain in detail the criteria adopted and process of admission (E.(i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

The process of admission includes scrutinizing the original certificates by the administrative staff. Admission is given to those students who have passed the exams in the following:

Higher secondary examination conducted by Gujarat secondary education board in any stream.

Passed the vocational stream with vocations group +2 or technical Group or two year diploma examination conducted by the Gujarat state after 10th std.

Any examination of other university or examination body recognized as equivalent

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

The minimum percentage of marks at the entry level is pass class 35%, the maximum percentage gained by students who have taken admission this academic year is 91.87 %, the level of admission is comparable to other colleges in the district, affiliated to Sardar Patel University and Gujarat University.

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, the admission committee of the college reviews the number of students admitted to the institution and also the streams from which they have passed std. XII. The outcome is that the committee has already decided and is working to motivate Home Science, Commerce, and Arts stream and Diploma holding (polytechnic) students for admission at F.Y. level because the Science stream students get admission to professional courses at low percentage.

2.1.5 Reflecting on the strategies adopted to increase /improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National Commitment to diversity and inclusion.

SC/ST, OBC, Women, Differently abled, Economically weaker sections, Minority community, any other

All SC, ST and OBC female students are given admission. The students coming from outside the district or state are guided by the counselors regarding free of cost residential facilities provided by the Govt. These students are helped to award Government scholarships. Economically weak students are helped with college fees irrespective of their religion caste or community.

Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e. reasons for increase/decrease and action initiated for improvement.

Programmes	Number of application					Number of students admitted					Demand Ratio
	2008-09	2009-10	2010-11	2011-12	2012-13	2008-09	2009-10	2010-11	2011-12	2012-13	
UG											
1. Home Science	452	458	408	336	269	452	458	408	336	269	1 : 1
2. Vocational (FSQC)	77	56	52	41	43	77	56	52	41	43	1 : 1
PG	NA										
M.Phil.	NA										
Ph.D.	NA										
Integrated PG/Ph.D.	NA										
Value added (DELL)							192	271	212	214	
Certificate											
1. Sports Nutrition	24	24	23	28	29	24	24	23	28	29	1 : 1
2. Interiors	--	--	47	21	16	--	--	47	21	16	1 : 1
3. Fashion Design	--	24	10	15	06	--	24	10	15	06	1 : 1
Diploma											
1. Sports Nutrition	--	09	10	14	11	--	09	10	14	11	1 : 1
2. Interiors	--	--	--	12	--	--	--	--	12	--	1 : 1
3. Fashion Design	--	--	12	--	--						1 : 1
PG Diploma	NA										

All the young women students who desire for admission at the F.Y. level are given admission. At the career oriented add-on courses, students who have taken admission to any Sardar Patel University U.G. courses are given admission. Over the last five years there is a decline in the number of admission. The reason being U.G. colleges have opened in many villages of Anand Districts thus parents do not want to send their daughters outside. With increase in the types and no. of professional colleges, girls of science stream get admission to professional courses at very low percentage.

To improve the admission the faculty visits the higher secondary schools to make the students aware of Home Science as an academic field.

Open houses related to nutrition awareness, consumerism are organized and XIIth std. students are invited to the college.

2.2 Catering to Diverse Needs of Students

2.2.1 How does the institution cater to the needs of differently abled students and ensure adherence to government policies in this regard?

Differently abled students are given admission and the institution provides special care to cater to the needs of these students e.g. Student with lower limb impairment was provided with hand sewing machine. Special facilities were provided to a student with problems with vision; Institute also helps the differentially abled children get govt-aid.

2.2.2 Does the institution assess the student's needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes, each teacher assesses the knowledge and skills of the students in their respective courses by focused class discussions, observations in practical subjects and feedback from their performance in the previous exam prior to starting the teaching process. During counseling hours knowledge and skills are identified.

At the end of the second semester the students have to select a subject of specialization. They are given detailed guidance regarding the qualities and skills necessary for each specialization thus helping them to select an area of specialization complementary to their abilities.

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge/Remedial/Add-on/Enrichment Courses) etc.

The strategies deployed by the institution to enable students to cope with a academic and global needs are:

- The college has a Digital education and learning lab with 25 computers and appropriate educational software where students are provided special sessions in improving English as majority of our students belong to Gujarati medium.

- At the First and Second semester level study material in English and Gujarati is provided to the students.
- Environment courses, Basics of computers, English, Chemistry & Biology are offered in the syllabi in I & II semester.
- Question banks are prepared and made available for reference in the college library.
- Each professor is allocated about 20 to 25 students for academic & personal guidance.
- Institution offers internet facilities to the students in the computer lab.
- Add-on-career oriented courses are offered namely- Sport nutrition, Fashion Design, Interiors.
- Library timings are made flexible on students demand.

2.2.4 How does college sensitize its staff and students on issues such as gender, inclusion, environment etc?

Institution offers a Foundation Courses on 'Environmental Studies' at the First semester level where students are sensitized to various environmental issues by means of classroom teaching, field visits, film shows, discussion on burning environment issues, e.g. tree plantation. Courses like Family Dynamics and Personal empowerment, sociology etc. help in addressing issues related to male and females, debates, elocution and panel discussion also address these issues. The college hosts inter-college chess competition and debate competition where the students can interact with male & female students of other colleges. Various activities undertaken by the college, district & state government under Saphth Dhara also cater to these issues. Students are members of Red ribbon club.

2.2.5 How does the institution identify and respond to special educational/ learning needs of advanced learners?

- Special programme with the support of various clubs like JCI Anand are organized on topic like Leadership, decision making, teamwork, Goal setting, the learners are asked to share the learnt experience with their classmates.
- The advance learners and their parents are given guidance regarding future studies and competitive examination.
- While giving assignments, care is taken to see that they get more challenging topics.
- Under Saphth Dhara various activities are organized like book reviews, debate, folkdance, music, art etc. to bring out the special talents of the students.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

- In a given semester, one test is organized after a month of teaching. The teacher completes the correction within a week, the students who perform poorly are short listed and the teachers give extra input.
- Students coming from remote areas are helped to make adjustment to the new environment. Special input is given by the faculty member in- charge of Hostel students.

- Counselor (the teacher) also makes student understand and overcome problems of adjustments with face to face talks.
- Students from economically weaker sections are helped monitorily to cover their college expenses. Students who are irregular in attendance are given special attention by explaining to attend classes if the absent continious, parents are involved. Students are given opportunities to improve their performance in internals by giving their extra test and assignment.

2.3 Teaching-Learning Process

How does the college plan and organise the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

- The college follows semester system and for the efficient management of the academic year, the planning is done by the IQAC committee before the college closes for summer vacation. At the beginning of the academic year this plan is discussed in the staff meeting and finalized.
- To plan the academic calendar, semester wise teaching days are calculated, based on this a plan is chalked out which include :-
- Schedule for I & II test and practical internal test, last date for teaching is planned.
- Date for submission of internal marks is scheduled.
- Tentative dates for the university exam & central assessment.
- Time slots for Annual day, Sports day, Sapth Dhara activities like
- i) Gyandhara ii) Samudayik seva dhara iii) Yoga & khelkudhdhara iv) Sarjanatmak Abhivyakti Dhara (debate, Quize, elocution essay etc.) v) Natya Dhara vi) Geet Sanget Nritya Dhara vii) Kala kaushalya dhara
- Various out reach programmes, exhibitions, workshops, celebration of various weeks, parents meeting and Guest lectures are also planned.
- Academic calendar is published in the prospectus.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

- After the first NAAC accreditation in the academic year 2007-2008, IQAC was formed.
- This helped the institute to become organized, and be goal specific thus focused changes were made based on our strength and weaknesses.
- Members from the Management and Community gave a different perspective in planning academic and co-curricular activities as well as in our new syllabus under CBCS, proper utilization of Grants received from UGC & State Government, the IQAC initiated proper utilization of the UGC grant for career counseling and enhancing initiative for competence building by giving the right guidance.
- The IQAR of the last five years are an excellent reference for preparing SSR for reaccreditation.
- The IQAC also helps in the continuous professional development of faculty by suggesting opportunities for professional development.
- IQAC enhances efficiency and accountability and is a tool to ensure the quality improvement in higher education specially in organizing seminars and workshops for students and faculty.

- The Institution started the process of updating the syllabus since the academic year 2009-2010. The IQAC helped in making right decision in enhancing various laboratories of the college as the management representatives are also involved.
- Various programmes involving stakeholders for the students' benefit are initiated as a result of establishment of IQAC.
- Helped in pursuing research & research projects, organizing various seminars & workshops for student related to their academics.
- Taking students and stakeholder feedback and improving syllabus accordingly.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

- To make the learning more student centre, an orientation programme is organized where the Principal orients the students about Charutar Vidya Mandal, the Vision, Mission and objectives of the college, the subjects they will study, and the Saptdhara activities. The Principal also informs the students that they can approach her without hesitation between 3.00p.m. to 4.00p.m. every day. Students are oriented to the library in batches of 30 and also the other facilities available in the college specially counselling and Digital Education and Learning Laboratory.
- The Faculty members are motivated to ask probing questions to ascertain the general level of the students so that teaching becomes meaningful. Teaching aids like power point presentation, brain storming, film shows followed by discussion are used to help in collaborative learning.
- Students are given assignments & project work to be done in group, individual effort in the areas like presentation where use of internet, Library and other print media is encouraged.
- ALM Lab. is established in the College.
- Four faculty members of the college were given training by K.C.G. (Knowledge consortium of Gujarat) in Active learning Methodology where they learnt how student centre learning can take place by the use of various teaching learning methodologies. The faculty members in turn trained the entire college staff and this method is utilized wherever it is appropriate. The faculty members also use field trips, open house, and exhibition, workshops to make learning more students centric and independent.
- Each department is equipped with a LCD & projector screen to encourage interactive learning.
- Many of the subjects are taught by two faculties with distribution of unit among themselves, thus students get excess to collaborative but individual learning.
- Time slot is allotted to students to avail the internet facilities & each department is given internet facility.
- Teachers are encouraged to participate in various KCG initiatives.
- Faculties deliver lectures in SANDHAN in audio-visual integrated classroom helps students in individual learning.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the student to transform them into life-long learners and innovators?

- The students are offered various practical subjects where creativity and critical thinking is stimulated.
- The practical subjects are entrepreneurship, Community nutrition, Draping, Context & Concept in management, Puppetry Parents & Community involvement, Commercial clothing fashion illustrations, Diet therapy, Programme for rural and urban development, on the Job training, internship. All these help the students to put theory into practice and enhance critical thinking and creativity. The practical course on seminar is used to develop scientific temperament by training the students to carry out small research projects stimulating scientific temperament.
- Arranging competition under shaptdhara & department activities.
- Theory subjects – presentation by students are arranged as in a part of assignments to encourage creativity & critical thinking.
- Question papers with indirect questions/applicable questions.
- Suggesting options with in basic format in practical subjects, like construction of A line frock with Yoke – frock may have gathers/side pleats/box pleats/adornment –ruffles /laces/embroidery/ painting etc.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT),open educational resources, mobile education, etc.

- Technologies available in the college:
- Photocopier in library and office
- Visualizer, LCD, Software
- Computer lab with internet facilities (open education resources)
- SANDHAN programmes relayed through BISAG available in the library.
- Each department of the college has computer with internet facilities as well as printers.
- Virtual labs are available in F.R.M. and Textile & clothing departments.
- Faculty members have participated in NPTEL workshops.
- ALM infrastructure
- Balwadi as observation centre
- College library & S. P. University library
- Well equipped laboratories

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

To expose the faculty and students to advanced level of knowledge and skills the activities are :

- Faculty members participate in various research method workshops and training programmes organized by KCG and academic staff College of S. P. University as well as the college (under CPE). They also participate in various seminars related to their respective fields.
- Subject experts were invited for some of the topic like consumer rights, Art and Culture stress management.
- Faculties were invited as a resource person by various institutes.

- To develop the skills workshops were organized by each department.
- Organize exhibitions & fashion shows.

2.3.7 Detail (Process and the number of student\benefited) on the academic, personal and psycho-social support and guidance services (Professional counseling/mentoring/academic advise) provided to students?

Guidance, counseling mentoring and academic advise and support provided to the student is given year wise:

2007-2008 Academic

- Students' problems and queries related to the selection of specialization subject at the IIInd Semester level were discussed.
- Students had problems with the use of library; they were guided on managing time so that they can spend more time in the library.
- Scope for higher studies after B.Sc. was a topic of the parents meeting where students along with their parent were provided guidance by the faculty members.
- Students having problems with communication skills in English were asked to join English enhancement classes in the college.

Personal

- Financial aid was provided to the needy students.
- Irregularity in attending classes was minimized by individual counseling.

Psycho-Social

- Counseling was provided to students with problems of peer pressure, family problems and problems with in laws.
- One student who had number of psychological problems was referred to the Psychiatrist.

2008-2009 Academic

- F.Y., S.Y. & T.Y. students complained of Language problems i.e. inability to understand English.
- Faculty members were told to conduct classes in both the languages to enable the students to comprehend.
- Students were guided on how to remember by showing them different ways.
- Students were informed about competitive exam, job scopes and opportunities for further studies.

Personal

- Majority of students who had health problems were advised to take proper breakfast and carry lunch box to the college. A talk on avoiding such junk was organized.
- Students with financial problems were given help with their fees. Suggestions of scholarships available and income generating activities they can engage in were discussed.

Psycho-Social guidance

- A student suffering from a feeling of inferiority was helped to develop positive self image.

- Students were supported in coping with peer and family problems & to handle emotions like anger, Jealousy etc.

2009-2010 Academic

- Students weak in studies were helped by providing them motivation, clubbing them with good students and asking them to be regular in college.
- Guidance was provided to the students on how to face an interview and write a resume by Maheshbhai a master trainer and Sonia Shah from ESOL Cambridge University, Ahmedabad.
- Students were helped to overcome exam related stress.

Personal

- Students irregular in theory and practical were dealt with.
- Language i.e. English is a problem, DELL was made compulsory for the students.
- Problems in student's relationship with their parents were discussed.
- Marital maladjustment of a few married students was counseled.

Psycho-Social

- A student who was seriously burnt in her lowerlimbs was helped by a faculty whose husband is a skin specialist she was also helped by giving extra coaching. A student sick for a prolonged time period was also given support.
- Various activities were organized to help students to adjust to various life situations.

2010-2011 Academic

- Students were motivated to improve their language (English) and Communication skills by the sessions offered in DELL.
- Parents and students were guided with reference to further Job scopes and post B.Sc. studies.

Personal

- Irregular students were guided to maintain regularity.
- Students found to be weak health wise were asked to bring lunch boxes.
- Students were motivated to use waste materials in practicals to reduce cost.
- Students were motivated to participate in extra-curricular activities.
- Sessions to prepare students for interviews were organized.

Psycho-Social

- Workshops on time & stress management were arranged as the students complained of short of time and stress.

2011-2012 Academic

- To understand research a workshop on "creating research culture in home science" was organized for all T.Y. students.
- Students were informed about various competitive exams UPSC, Bank, LIC.
- Skill development workshops were arranged by all departments.
- H.D. Lamasa Art, best from waste articles
- F.N. salad decoration, culinary skills.
- F.R.M. Canvas painting.
- T.C. Dyeing & painting with natural dyes.

Psycho-Social

- Helping students to adjust in hostels.
- Capability building programmes workshops and seminars.

- Under UGC scheme of career and counseling as well as Enhancing initiative for competence building various workshops and expert lectures were arranged during the last five years, stress management, anger management, interpersonal relations to name a few.
- Workshops to develop specific skills among students were organized by each department of the college where experts were invited to deliver talks.
- Alumni meet – experts from various fields were invited & their opinions & talks were arranged.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- During the last four years, various innovative approaches regarding teaching learning Methods adopted by the institution are :
- Four of our faculty members participated in a three days workshop on innovative teaching methodologies (ALM) in 2010. They learnt about active learning methodologies in teaching, this was then discussed with other faculty members and is used in certain subjects. It is very useful to teach certain practical subjects and enhances students understanding. Teaching aid like LCD, visulizer, computers, and mike system is installed in large classrooms.

Following are the innovative teaching methods adopted by the faculty:

1	Seminars	11	Market survey
2	Assignments	12	Education Trips
3	Case study with discussion	13	Exhibitions
4	Buzz session	14	Field visit followed by Discussion
5	Group Discussion	15	Learning by doing
6	Film Reviews	16	Power point presentation
7	Workshops	17	Role Play
8	Demonstration	18	Puppet plays
9	Project work	19	Celebration of various days and weeks e.g. environment day, International women's day, Consumers day, Aids day, Nutrition week, Breast feeding weak, Consumer week
10	Models	20	Overhead projector

The impact on students with the use of innovative practices is three fold:

It makes learning student centric.

Learning becomes skill oriented.

First hand experiences help students to gain in depth knowledge of the subject matter.

2.3.9 How are library resources used to augment the teaching-learning process?

- The students and teachers have an open access to the books in the library. There are adequate books for new subjects introduced, moreover books on general knowledge, fiction and self help are available.
- The ambience of the library is enhanced to motivate students to spend more time in the library.
- To inculcate ethical values in the students a Vivekanand corner is arranged in the library.
- The library has a television, internet connectivity and two way communication facilities for SANDHAN programmes.
- Students are also given photocopier facility in the library.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

We are usually able to complete the curriculum within the academic calendar time frame but if there is problem due to certain unavoidable situation, the teachers conduct classes on Sundays and holidays or before college hours to complete the course.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

To evaluate and monitor teaching – learning process.

- Since 2011-2012 the institution has introduced the writing of daily diary which is used to get feedback by the Principal, Annual review department wise is done where the principal appreciates the strength of the department and faculty suggesting ways to enhance and go a step ahead.
- Continuous evaluation in practicals is a practice in the college where personal attention is given to the students to improve their performance. In theory two tests per semester are conducted and after the Ist test students are given the test result at the earliest, teachers also discuss how to improve performance.
- The management representative of the IQAC along with the Principal evaluates the annual semester results and in subjects where the students' performance is poor, counseling session is held with the faculty who has taught the subject to discuss the strategies for improvement.
- Student's feedback is taken.
- Internal theory & practical tests.
- College has grievance redressal cell.
- Question papers stored in library – internal & External
- Principal talks face to face with students.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The atmosphere of the college is very cordial & there is job satisfaction in the faculty. To recruit teachers, U.G.C. and State Government norms existing during that time period are followed; the state government (Commissionerate of Higher Education) gives NOC for appointment of teachers based on the work load. The selection procedure is strictly as per UGC norms. The faculty members are given support and opportunities by the management to enhance their learning & teaching.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.				03			03
M.Phil							
PG			01	10			11
Temporary teachers							
Ph.D.							
M.Phil						01	01
PG							
Part-time teachers							
Ph.D.							
M.Phil							
PG						03	03

Faculty encouraged to attend refresher courses, orientation courses, capacity building programme from time to time.

Management and Institute support paper presentation of the faculty.

Part-time Ph.D. Provision is given to teacher and teachers are pursuing Ph.D.

Permission and support is given to pursue minor & major research project.

Encouragement given to clear competitive exams like CCC⁺, NET/ICAR

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Since the last five years we have not faced scarcity of faculty, however in certain subjects, qualified senior faculty from sister institution of Charutar Vidya Mandal and Charutar Arogya Mandal are invited. We also organize seminars and workshops for students where they are exposed to various subject experts.

Experts invited during the last three years:

Food costing	- Dr. P. Tandal (B.J.V.M)
Entrepreneurship	- Dr. Sanjay Ajmeri (B.J.V.M)
Food Analysis	- Dr. H. K. Parikh (SICART)
Analytical instrumentation	- Dr. Dhananjay Dhruv (NVPAS)
Food packaging	- Dr. Pravin Goavker (ADIT)
Human body movement	- Dr. Vinod Ravalia, Dr. Daxa Patel

Sports Nutrition	- Sanjay Yadav, Trainer
Methods & Material	
working with young children	- Mrs, Minaxi Pathak
Guidance & Counselling	- Dr. Samer Patel, Psychology Dept.
Textiles, weaves and fabric	- Dr. Bhanu Patel, Dr. Amita Patel
Manufacturing	
Research & writing	- Dr. Shagufa Kapadia, Dr. Manisha Shukal, Dr. Madhu sharan, Dr. Hemangani Gandhi
Career and counseling for Parents	- Dr. K. Ratnam, Mr. Moitra, Mr. Pradeep Patel, Dr. Prerana Mohite
Home furnishing	- Mrs. Vibha Gajjar
History of art and culture	- Mr. Kanubhai Patel
Consumer Rights	- Dr. Sanjay Sinha

2.4.3 Providing details on staff development programmes during the last four years Elaborate on the strategies adopted by the institution in enhancing the teacher quality.

To enhance teacher quality the institution provides physical facilities like internet, books as well as permission to do Ph.D. research. All the faculty members have completed the required orientation and refresher courses.

a) Nomination to staff development programmes :

Academic Staff Development Programmes	Number of faculty nominate				
	2007-08	2008-09	2009-10	2010-11	2011-12
Refresher courses	01	01	--	--	--
HRD programmes	01	11	--	03	01
Orientation programmes	--	--	--	--	--
Staff training conducted by the university	01	01	03	03	03
Staff training conducted by other institutions	--	--	02	02	07
Summer/winter schools, workshops etc.	--	--	--	02	--

Faculty training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching learning.

The institute organized training program in capability building in home science from 12 to 17 March - 2012 (copy attached, annexure-II)

Teaching learning methods/approaches:

- In the departmental meeting ways of teaching a particular subject (specially the new courses) is discussed.
- Teachers get training in teaching learning methods through KCG.
- The management also organizes training programme where selected teacher participate; they in turn discuss with their colleagues.

- Demonstration on how to use certain equipments is organized.

Handling new curriculum

- Discussion with senior teacher of the P. G. Department.
- Inviting experts where the faculty also attends the session e.g. Analytical instrumentation.
- The faculty discusses her approach of teaching the subject allocated to her with the senior faculty.
- Use of internet & library is made available.
- The SANDHAN also addresses certain value based topics.

Content/knowledge management

- Library resources are enhanced.
- A number of faculty are P. G. recognized and guide M.Sc. researches, faculty member write for news papers on specific topics.
- Teacher Diary also helps.

Selection, development and use of enrichment materials

- DELL, study material in English and gujarati.
- Question banks are prepared.
- Faculty members are associated with text book board.
- As a part of field work students evaluation criteria is prepared.

Assessment

The Sardar Pael Univesity also has an exam reform committee. Issues related to improvement in exam are discussed in the faculty meeting and put forward to the university exam reform committee. The changes made in the last years are : introducing objective questions, specific design for university question papers (sample attached) internal assessment i.e. 40% in place of 30%, two tests per semester, best of two is considered for internal.

Cross cutting issues

- Workshops on skill development
- Seminars addressing current issues.
- Parents meeting for S.Y. & T.Y. Students.
- Hostel facilities with one faculty to take care of hostelites.
- Help to academically weak students.
- Students are given information on their rights in how to oppose ragging.
- Health checkup camps like dental, eye, thelesemia, overall body checkup.
- Courses are designed to orient the students to the community needs (Programmes for rural and urban area etc.)
- Under CBCS electives are introduced.
- Gender sensitivity is stimulated by means of various subjects (womens issues)
- Sapth Dhara activities like poster making, collage making, role play, debate, essay writing, celebration of various days like women's Day, teacher day, etc., by rallies, programmes, colloque e.g. to celebrate the centenary of women's day, a colloque was organized on the topic 'X' factor, empowerment of the post modern women, what lies ahead.
- Students are taken for field trips like : Science city, Indora park, Gandhinagar etc. this helps to stimulate environment awareness among students.
- Special programmes and Red ribbon club is established to develop AID awarness among students. Students were also taken to visit Anand railway

station to see the mobile train project on HIV AIDS. They were also taken to see the mobile train on the life of Swami Vivekanand.

- Under gyan Dhara, Vivekanand corner is created in the college library where the writing of Swami Vivekanand are displayed.
- Series of lectures are arranged for students on the topics, personality, goal setting, positive thinking, leadership qualities, decision making.

Audio Visual Aids/multimedia

Mumltimedia, visualizes, software SANDHAN programmes. Various CD's, Charts and Posters are used for teaching.

OER's

- The open education resources are study material in the library in English and gujarati.
- Question Banks, open access to library books.
- SANDHAN as additional inputs.
- DELL digital education and learning lab.
- Use of internet.

Teaching learning material development selection and use.

The materials developed are : Question Banks, Study materials, charts, posters, puppets, skits for street play.

c) Number of times the faculty

Invited as resource persons in Workshops/Seminars/ Conferences organized by external professional agencies:

Seminars	- 39
Conference	- 07
Symposium	- 82
Ogranised by professional agencies –	11

Participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies

Workshops	- 102
Seminars	- 78
Conferences	- 28
Symposium	- 02

Presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies.

Workshops	- 01
Seminars	- 25
Conferences	- 06
Symposium	- 11

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

In order to recharge teachers, the institution motivates and provides required facilities to enhance the teachers' qualifications:

- Five faculty members are pursuing Ph.D. on part time with S. P. University, two have cleared NET last academic year, and three teachers have minor research projects. The teachers are encouraged by the management to enhance their knowledge and undertake research projects.
- Faculty members are given permission to be resource persons at various seminars, workshops and symposiums at state, zonal, national and international level, and as Coordinators for KCG projects, SANDHAN etc.
- Recently the college has organized a training and capacity building programme for Professors of Home Science colleges of Gujarat State.
- Exclusively for the faculty of this college two workshops were organized. :
Application of statistics in promotion of research quality in Home Science for five days 21st to 25th Augus2012. (two hours before college 8.30 a.m. to 10.30 a.m.).
Workshop for one day on effective writing of study material.
- Needed guidance, help & infrastructure facilities are provided by management & institution.
- Faculties are sanctioned duty leave.
- Teachers are permitted to take classes in P.G. department of Home Science before or after college hours.
- T.A. and D.A. provided to teachers under U.G.C. grant for paper presentation at national level.

2.4.5 Give the number of faculty who received awards/recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance /achievement of the faculty.

- The Principal of the college was district coordinator for KCG activities from 2009 to 2012
- One Faculty member is selected as state coordinator for SANDHAN Home Science programme – 2011-2013.
- Principal is elected as Syndicate member of S. P. University for three year up to March-2015.
- One faculty is the faculty representative in senate.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

- Students evaluate the teachers. For this questionnaires are designed by the faculty members.
- Students' feedback on attributes like clarity of subjects, interest generated, behaviour, knowledge, regularity, evaluation, method of teaching and overall rating are taken. The students assess this attributes on a five point scale ranging from very good to poor. Similarly a feed back on the courses taught is also taken.
- The principal discusses the outcome of the feedback with the concerned teachers with reference to evaluation by the students. Teachers who scored low on certain attributes were helped by the Principal and Senior faculty to improve by providing assistance wherever needed.

- Suggestions from the parents, counselors, visiting faculties and external examiners are sought and amendments in teaching styles, updating the curriculum are taken care of by the Faculty.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- The stakeholders are made aware of the evaluation process as it is a part of the prospectus which is given at the time of admission.
- First year students are informed about the process of evaluation of the institute by the principal during the orientation programmes.
- Individual subject teacher informs the students about criteria & method of internal evaluation in respective theory & practical subjects.
- Tentative dates for I & II test are planned by the IQAC and it is confirmed after discussion in the faculty meeting at the beginning of the semester.
- The date for the submission of internal marks is decided.
- The test time table is prepared by the in-charge faculty and put on the notice boards very much in advance to help the students develop awareness and make plan for other activities.
- The test results are put on the notice board for the information of students. Moreover in small classes the teacher discusses the paper with each student whereas in large classes, the expected answers are discussed.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The major reforms of the University adopted by the college are external 60% Internal 40% and 25% in each subject to be considered eligible for University exam.

The evaluation reform at the college level:

- A uniform question paper style has been formulated and implemented. Internal tests are planned centrally and conducted without disturbing the regular teaching learning process only the duration of theory or practical class hours are reduced.
- Additional arrear test in theory is taken to enable the students who have taken leave during tests.
- In practical subjects comprehensive and continuous evaluation is done.
- Assignments and presentations are a regular feature of various subjects at T.Y. B.Sc. level.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

To ensure effective implementation of the evaluation reform of the University and college i.e. the ratio of 60:40 external and internal is passed in the board of studies in Home science. The paper pattern prepared for University exam was also put up in the board, discussed and passed, so that the implementation becomes mandatory.

- Internal marks are displayed on the college notice board 10 days prior to University exam.
- Subject teacher makes it a point to check the computerized internal marks before finally sending it to University.
- A letter is sent and parents are called of the students who remain absent in theory and practical classes for long duration and extra efforts are made to ensure that her internal evaluation is not affected.

2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

The formative evaluation approaches are two internal tests per semester, best of the two is considered for internal marks. The teacher at the IV, V & VI semester level can also take one test and one assignment or two quizzes based on the demand of the course.

Students are also given seminars, class presentation, project work, term work, co-curricular activities like subject related talk by experts etc. Skills on abilities of the students are also assessed by organizing competitions during celebration of various weeks like consumer and Nutrition etc. Regular assessment of each practical is done as a part of formative evaluation. Moreover external theory and practical exam is conducted and evaluated by the officiating university. For placement in welfare institution or industries, schools as well as internship, an evaluation criteria is prepared which is to be filled by the mentor in the organization, teachers also take the internship report and viva and class presentation are the methods used for evaluation. Students present their research project in the subject of seminar.

2.5.5 Enumerate on how the institution monitors and communicated the progress and performance of students through the duration of the course/ programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

- The institution regularly monitors and communicates the students' performance by :
 - Evaluating the internal test papers within the stipulated time limit, discussing the answers with the students, showing the answer papers to the students who desire to see their errors and improve.
 - Teachers discuss and guide on how to write the answers properly.
 - Students who are very weak are called during extra hours to help them with their difficulties.
 - In the practical subject, there is a continuous evaluation. Each practical is marked, this enables the teacher to provide continuous guidance thus improving the students' performance.
- Results of the last five years.

Year	F.Y. (II-sem.)	S.Y. (IV-sem.)	T.Y. (VI-sem.)	Distinction
2007-2008	90.96	97.78	98.11	07
2008-2009	90.85	99.42	99.43	25
2009-2010	85.61	97.39	100.00	18
2010-2011	100.00	96.50	93.51	15
2011-2012	84.21	83.18	100.00	18

2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Transparency in the internal assessment is maintained by:

- Displaying students' marks on the notice board.
- By showing answer books to the students.
- The answer books for the internal tests are preserved for one semester after the university results are declared.
- Prior to submitting the internal marks to the university they are displayed on the notice board and the students are informed to report any discrepancy in marks to the Principal.
- Subjects where two teachers teach same course, papers are drawn by both teachers and one teacher evaluates paper of Ist test and the second teacher will evaluate for the IInd test.
- To decide the best student, best NCC cadet & NSS allrounders, the Principal, the teacher incharge and a committee of faculty members evaluate the students in terms of performance, behavioural aspects, communication skills, leadership abilities, problem solving and overall performance, this is then put up in the faculty meeting and a decision is taken.

2.5.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

To find whether learning objectives are achieved, the Q. papers planned have application question i.e. questions to evaluate comprehension and memory. Student prepare and submit report of their placement, internship and study tour which give an idea of how much they have comprehended, moreover in various practical courses a viva voce is conducted which also gives a picture of how much the student has gained in the course.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

- The mechanism for redressal of grievance with reference to evaluation at the college level is that the student can directly approach the respective subject teacher and discuss. Very rarely if unsatisfied the students can approach the Principal who will then tackle the matter by looking at the answer book of the students and taking the opinion of the teacher and in rare cases another subject matter expert.
- At the university level there is a facility of reassessment which the students can avail.
- In case the students have issues with the questions paper, it is addressed to the university and is put before the examination issue committee which looks into the matter and tries to resolve the same.

2.6 Student performance and Learning Outcomes:

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Yes, the college has clearly stated objectives which point towards learning outcome.

- These objectives are stated in the prospectus.
- The vision, mission and goals of the college also indicates the learning outcome.
- Each course also has objectives clearly stated which are discussed with the students.

2.6.2 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Each course has clearly stated objectives that indicate the intended learning outcome.

- The subjects of Home science education are selected with the aim of overall development of the student who enrolls; this prepares them for a vocation or helps them to decide which profession they would like to follow by guiding them in the course of further studies. Based on the learning outcome desired in each course, site visits, field visit, study tours, placement etc. are planned.
- Creativity is enhanced by organising a variety of programmes under Saphth Dhara. Counseling is an integral part of the college, each faculty member is allocated 20 to 25 students, and she keeps in context with them and helps in solving personal and academic problems.
- The Departments of the college organizes community out reach programmes which enables the students to identify the needs of the vulnerable groups and plan outreach programmes designed to fulfill the learning objectives. Continuous assessment in improving their abilities. In theory, subject teachers are supposed to give the results of the test within a week so that the students have enough time to improve.
- Students have open access in the library. They are motivated to view SANDHAN programmes which are both value based and academic.

2.6.3 What are measures/initiatives taken up by the institution to enhance the social and economic relevance (quality jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

- Each course has clearly stated objectives and how the course will help in the Job market is also discussed.
- Skill oriented workshops are organized.
- Seminar is introduced as a course at the VI semester level, in this students are encouraged to conduct researches guided by the faculty with a purpose to develop research culture in the students.
- Visits to various hotels, hospitals, food production units, factories, schools, welfare units are organized. Advertisements related to the field are displayed on notice board.
- Students are guided to apply and appear for the jobs.
- Campus interview are organized.
- Students are given an idea of their future job prospects.

2.6.4 How does the institution collect and analyse data on student learning outcomes and use it for planning and overcoming barriers of learning?

- After the first test results are declared the teachers analyse the performance of the students. If it is not satisfactory she finds the reasons by discussing with students and tries to change the teaching strategy if required.
- Student counselors are also informed and action is taken.
- In certain subjects and practical courses buddy concept is introduced where the students who perform well are given the responsibility to help the poor performers.
- The institution has also started preparing study material for the benefit of those students who are not well versed with English and are first generation learners. Keeping the need of the students, a course on effective speaking and writing is introduced.
- To provide the students a place for quiet reading the library and girls' common room is kept open before college hours.
- In certain courses practicals are introduced to help the students understand better. e.g. introduction to Human Development, Finance Management.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes.

To monitor the achievement of learning outcome the college adopts the following:

- There is continuous evaluation of theory and practical.
- Students of IV, V & VI semester are given assignments/presentations.
- Saptadharma activities of the institute also ensure the achievement of learning objective.
- The Management i.e. the secretary incharge of our college makes it a practice to gather the data of the exam performance of the students; he then calls a faculty meeting for a general discussion on how to improve the students' performance. Moreover the subjects in which a large number of students have failed are identified and the secretary along with the principal discusses with the faculty the remedial measures to be taken.
- Co curricular activities are executed like exhibitions, competitions etc.

2.6.6 What are the graduates attributes specifics by the college/affiliating university? How does the college ensure the attainment of these by the students?

- The college aims at inculcating professional skills in the students by the end of the VI semester.
- The students on completing graduation programmes is well versed with the scientific and artistic approaches of the programme persuaded.
- The aim is to develop professional attitudes in the selected courses of specialization by means of theory and practical courses.
- Various skill oriented workshops are organized.
- The courses and practicals are so designed that students can either become self employed or are capable also in a step towards getting professional qualification.
- Life skills are also inculcated in the students by means of courses like personal empowerment, family dynamics, effective speaking and writing, ICT courses and environment studies.

- Students are sent for placement and internship as a part of the demands of their specialization courses.
- Creativity, imagination and problem solving are stimulated through various co-curricular and extra curricular activities under sapth Dhara.
- The community out reach programmes of the department also gives the students an opportunity to work with disadvantaged groups of the community. The NCC and NSS activities are also organized in the college. All these develop in the students' compassion, understanding and tolerance, qualities necessary to face the demands of life.

Any other information relevant to teaching-learning & evaluation.

- Large no. of students belongs to rural setups around and in Anand district so teaching is carried out in Gujarati along with English
- Students belonging to low socio-economic strata of society are guided at each and every step of the academic, economic and personal level to enable them to compete with the global market.
- As it is an only girls' institution the social and health issues of gender like thalacemia, anaema, HIV are given importance and executed as workshops, health check up camps & seminars etc.

C. CRITERION – III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency / organization?

Our college is an undergraduate college thus we do not have a recognized research centre within the college campus, but outside the campus we have sister institution namely SICART (Sophisticated Instrumentation Centre for Advance Research & Technology) where lot of research work is been carried out. Moreover, we can also avail the research facilities in the P.G. department of Home Science, Sardar Patel University.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, the institute has a Ph.D. research committee which comprised of Dean, Principal, Ph.D. Guide and Director of SICART. For the minor and major research projects, a committee is formulated within the college namely Principal, Principal Investigator (PI) and subjects experts as per the requirement of the project. Under the CPE status a research committee is formed within the college campus comprising of Principal, Hon. Jt. Sec. of CVM and three faculty members:

- As per the research committee recommendations many of our college teachers were sent to attend KCG workshops on “Promotion of Quality of research” and were made to prepare their proposals for minor/major research projects.
- The existing research committee also felt the need for the faculty members, related to data handling/processing exposures. As a result of which a workshop on “Application of Statistics in Promotion of Research Quality in Home Science” was organized from 21st – 25th August-2012 in the college by the research committee under CPE and all the faculty members were exposed to various statistical applications especially t-test, ANOVA, chi-square etc.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

The following measures have been taken to facilitate smooth progress and implementation of research scheme/project :-

- Autonomy to the principal investigator
- Yes, the principal investigator be it of minor or major research is given enough autonomy to carry out her project.
- Timely availability or release of resources
- Yes, smooth flow of fund/resources with timely availability to the principal investigator.
- Adequate infrastructure and human resources
- All the required infrastructure facilities like computer room, printer, table, chair etc. and human resources like, research assistants, field investigators, peon and other supporting staff are provided as per sanctioned requirements.

- Time-off, reduced teaching load, special leave etc. to teachers
- Since ours is a undergraduate college, special leave/time off/reduced teaching load is not possible but, flexibility is given to the principal investigator as and when needed.
- Support in technology and information needs
- The college supports the principal investigator in terms of technology and information needs by providing internal facilities in each department and assessing the library journals and reference books along with subscribed E-journals.
- Facilitate timely auditing and submission utilization certificate to the funding authorities
- The principal investigator gets the grant released in time against the bills submitted. Submission of utilization certificate is done by the PI.
- Any other:
The principal investigator gets a lot of support from the college Principal, management and staff members/experts from related/ sister institutions and university departments.

3.1.4 What are the efforts made by the institution developing scientific temper and research culture and aptitude among students?

The efforts made by the institution to develop scientific temper, research culture and aptitude among students :-

- The final year students were exposed to “Scientific Writing” in UDISHA cell placement activities (26th Nov.’08).
- A two day workshop on “Creating Research Culture in Home science was organized on 12th – 13th Dec’11 under CPE status where in 130 students participated. Experts from various concerned fields were invited to give them exposure and acquaintance with research methodology.
- A one-day workshop on “Emerging Professional trends in Home Science” along with alumni (college) was arranged on 17th Jan’12, whereby the emerging prospects and expanding horizons of home science were discussed at a stretch.
- A workshop on “Promotion of research culture among students” under the CPE status is planned for the final year students in Dec’ 12.
- The final year students are also given mini research projects in a course SEMINAR (VIth Semester) under the guidance of their teachers, to enhance their understanding about the research process and its application for e.g.
 - To assess the nutritional status of the college students
 - A Survey to find out the status of preprimary schools in Anand
 - A descriptive study on analyzing the various postures adopted by home makers during household work
 - Effectiveness of modular kitchens for today’s home-maker
 - Impact of advertisements on purchase behaviour of adolescents
 - A study of the nutritional status of the students aged 10-14 years.
 - Effectiveness of ICDS programmes on the nutritional status of pregnant and lactating women in Aaganwadi Training centres of Anand district.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/ collaborative research activity, etc.

Faculty involvement in active research.

(I) Guiding student research

- a) Teachers guiding Ph.D. students
 - (i) Dr. Nidhi Gupta - 2 students
 - (ii) Dr. Sharda Joshi- 1 student
- b) Teachers guiding M.sc. dissertations (by helping university department).
 - (i) Dr. Bhanu Patel
 - (ii) Ms. Paresha Patel
 - (iii) Dr. Devika Thakker
 - (iv) Dr. Nidhi Gupta
 - (v) Ms. Kalpana Srivastava
 - (vi) Mr. Yogesh Vadwala
- c) Teachers guiding M.Sc. (Dietetics and Food Service Mgt.) research work (IGNOU)
 - (i) Ms. Bhavana Chauhan
 - (ii) Ms. Paresha Patel
 - (iii) Ms. Shazia Sharma
 - (iv) Ms. Vijaya Agarwal
 - (v) Dr. Sharda Joshi
- d) Teachers guiding final year students under seminar :
All the subject teacher from various majors (specialization)

(II)Faculties involved in Leading Research Projects.

Research projects in 2007-2012

No	Name of Faculty	Title	Work done
1	Dr. Nidhi Gupta Dr. Devika Thakkar	"Capacity Building Project on Street Foods" Grant received Rs. 9.35 lac Period - 03 Years (2005-2008)	Project completed and Report attached
2	Dr. Nidhi Gupta	"Consumer Satisfaction / Dissatisfaction for Broadband and Internet Service Providers (ISP) - An Exploratory Study". Grant received Rs.50,000/- Period - 02 Years (2010-2012)	The researcher had collected the review related to the topic and based on the review, a structured tool was prepared. The target group population was identified and stratified random sampling technique was used to prepare the sample population. The field survey of the selected household with internet services have been identified and soon data collection procedure will get completed.

No	Name of Faculty	Title	Work done
3	Ms. Kalpana Srivastava	"A Study on Role of women in Recycling Household Waste with specific reference to Vallabh Vidyanagar in Anand District of	Under the project the investigator had finished the related review and based on the review information the tool for survey was prepared.

		Gujarat". Grant received Rs.1,15,000/- Period - 02 Years (2010-2012)	The investigator had also conducted an Intervention Programme of 15 days for the housewives of Vallabh Vidyanagar. The data was collected before the Intervention Programme and after the programme to the impact of training on their waste disposal practices was seen
4	Mr. Yogesh Vadwala	U.G.C. sponsored Minor Research Project on "Extraction of natural dye from plant waste and its application on various fabrics." Grant received Rs.41,500/- Period - 02 Years. (2012-2014)	In progress

Report of Capacity Building Project on Street foods (2007-08)

“Creating greater awareness of food safety and hygiene in the small, cottage and unorganized sectors including the street food sector through training supported with appropriate information, education and communication programmes” is the objective of national project on **street food** under the capacity building project on Street Food Services, Excelled by Ministry of Health and Family Welfare, government of India sponsored by World Bank.

This project was conducted in three phases. The first phase of the project from October 2005 to April 2006, was completed in Ahmedabad / Gujarat through random selection of various street food categories and collecting data about their practices, knowledge, attitude related to food hygiene. The second phase of the project from September 2006 to July 2007, was completed in Anand through action research by giving training on food safety and hygiene to the food vendors and doing before and after data collection with observation about their practices and knowledge. The third phase was from December 2007 to June 2008. The objective of IIIrd phase was to validate the training methodology and training materials and to measure the impact of training among street food vendors in terms of change in knowledge, attitude and practices related to good hygiene and good production practices. To make training sessions more effective and clearer for the food vendors numbers of short films were introduced on food safety and hygiene. Skill demonstrations were added in all the seasons. Subject experts were invited for in depth information concerning every aspect of the topic, more audio visual aids were included in the teaching.

Landmark achievements:

The center has developed a standardized training manual for training the food vendors. Total 100 food vendors of Anand city were trained, retrained and monitored by the research team. The untrained food vendors and their consumers also became sensitized because of our food safety drive through media and trained food vendors' practices. Training gave them a platform to work for a common cause and be more united. A committee is formed under the chairmanship of Collector, Anand who has taken the responsibility to monitor the trained food vendors of Anand city.

(III) Faculties involved in Individual Research activity.

a) List of Ph.d. scholars attached along with work done

Research Scholars part time: (2007-2012)

S. No.	Name	Topic	Work Finished	Year of Registration
1	Ms.Bhavana Chauhan	Dietary "Flavanoids" intake and its relation with plasma antioxidant capacity among the population of Vithal Udyognagar, Semi Urban population of V.V.Nagar.	-Analysed all food for Phenol Flavanoid and Antioxidant Value. -Prepared Data Bank. -Surveyed approximately 1000 families.	March-2008
2	Mr.Yogesh Vadwala	Application of natural dyes from plant waste on pre & post treated fabrics.	-Extraction. -Dyeing. -Analysis of two plant waste.	19-11-2009
3	Ms. Kalpana Srivastava	To identify and strengthen the role of women in Household Management practices.	Part of Review presented a paper based on Review.	19-08-2011
4	Ms.Shazia Sharma	Soybean as a functional food for post menopausal women.	-Nutritional profile of 17 Genotypes of soyabean. -Presented a Poster in International Conference.	May-2008
5	Ms.Vijaya Agarwal	Impact of socio economic factors and dietary patterns on obesity among adolescents of Anand Block.	-Survey of 06 Schools of Anand block for Anthropometry. -Socioeconomic factors.	May-2008
6	Ms. Padmaja Puppala	Energizing needs for women - Ergonomic choices.	Presented a paper and review collection.	01-01-2012
7	Ms.Mittal Barot	A Study on intelligence & creativity among college students in relation to inhabitation and gender.	-Introduction chapter. -Review of literature. -Data Collection.	August-2009

b) Research Publication by faculties

S. No.	Title	Journal name	Vol/. Year & Page	Author	ISSN No.
1	Physical prop. of Textile and its application in garments for physically disabled	Journal of Engineering and Technology S.P.Uni. V.V. Nagar	Vol.20/ Dec. 2007 PP. 103-107	Dr. Bhanu Patel Dr. B.N.Chaulkar	-
2	Comfort giving Textiles and garments for upper limbs disabled boy using simulated model	NCM New cloth Market Ahmedabad	Dec.2007 PP. 30-35	Dr. Bhanu Patel Dr. B.N.Chaulkar	0972-1-/II
3	Clothing for the disabled	Journal of the Textile Association of India, Mumbai	Jan-Feb '08 PP- 204-208	Dr. Bhanu Patel Dr. B.N.Chaulkar	0368-4636
4	Right of the child	Navtika Jr. of ECCE	Vol. VIII No. 1, Jan-Apr.2008 PP.20	Dr. Sharda Joshi	-
5	Privatization and deeling in std of Ed.	Gujarat Jr. of Psychology	Vol. 24 Oct - Dec.2007 PP. 54-55	Dr. Sharda Joshi	-
6	Printing of Textile with natural Pigment using Acrylic Emulsion as Binder	Journal of Textile Association of India	Vol.69, No.2, July-Aug.2008 PP.65-67	Dr.Bhanu Patel & Dr.Madhu Sharma	0368-4636
7	Extent of awareness and food adulteration detection in selected food items purchased by home-maker.	Pakistan Journal of Nutrition	Vol.8, No.5, 2009 PP.660-667,	Dr.Nidhi Gupta	1680-5194
8	An ergonomics evaluation of agricultural tools used by farm women.	International journal of Biotechnology Research	Vol.2, No.1, pg.1-7, Jan-June 2009	Dr.Nidhi Gupta	0974-6293
9	Stimulated Models-garment designing for physically handicapped.	The Textile Industry & Trade Journal	Vlo.47, No.7-9 pg.19-22 July-Sept.2009	Dr.Bhanu Patel	-----
10	Emerging trends & Scope in Home Science.	Research Link	Vol.8(1), March 2009 Issue-60,	Dr.Sharda Joshi	0973-1628
11	Assessment of training needs of early childhood education teachers.	Navtika Indian Journal of Early Childhood & education	Vol.9, No.3, Sept.2009 PP.41-45	Dr.Sharda Joshi	-----
12	Service Quality Perceptions of Railway Consumers in India: An Empirical Study	ARAHE,	Vol. 16, No.1, 2009.	Dr. Nidhi Gupta	-----

S. No.	Title	Journal name	Vol/. Year & Page	Author	ISSN No.
13	Why railway consumers don't complain?: An Exploratory study	Gujarat Journal of Psychology and Education	Vol. No. 2, pp 41-44, April-June, 2009	Dr. Nidhi Gupta	-----
14	An analytical study on district consumer forum of Nadiad, Gujarat	Research Link	Vol. 8, No. 4, pp 148-151, June-2009.	Dr. Nidhi Gupta	0973-1628.
15	Hygiene and Sanitary practices of street food units of Ahmedabad, Gujarat".	The socio scan, an international quarterly journal of Ethno and Social Sciences,	Vol.2, No. 3 & 4, 2010, PP.57-61.	Dr. Nidhi Gupta, Ms. Taparia, M.,	-----
16	Knowledge Assessment and Practices related to Food safety and hygiene of street foods.	Asian Journal of Home Science (International) ISSN: 0973-4732	Vol.6(2) Dec.2011 PP 184-189	Dr. Nidhi Gupta	0973-4732
17	Preschool teachers' opinion towards children's play.	Navtika, sdIndian Journal of Early childhood Care & Education.	Vol.111, No.1 Feb.-Apr. 2012 PP 69-73	Dr.Sharda Joshi	----
18	Situational analysis of pre schools of Anand, Gujarat	Navtika Indian Journal of Early Childhood care & education	May - July 2012 PP23-30	Dr.Sharda Joshi	----
19	Contributed two chapters in book	National Institute of Open Schooling	2001-2012	Dr. Devika Thakkar	
20	Contributed in four chapters in "Home Science Extension Education"	Granth Nirman Board, Gujarat	2011-12	Dr. Sharda Joshi	
21.	Clothes for Physically handicapped	Registrar, Sardar Patel University	2009	Dr. Bhanu Patel.	

(III) Collaboration Research

- Under Capacity Building Project on Street foods a PMIC (Project monitoring and implementation committee) was formed with collector, Anand, CDMO, Principal investigator of the project to monitor the trained food vendors for the sustainability of the project. During the project implementation phase, the principal investigator has collaborated with DRDO, Director SSI (small scale industries), CDMO (Chief District Medical officer) and NGO (SETU)- (2007-08)
- A project in Vrajbhoomi School, Mogar on Nutritional status in School (2007-08)
- To develop recipes with use of Ragi, honey, Ashwagandha, sataya etc in collaboration with Forest Department (Vadodara District-2009)
- In collaboration with Amul Dairy, Anand a research was carried out on “Sensory Evaluation of Protein Energy Rich Peanut Cake” developed by UNICEF. It is an ailment therapeutic food for children suffering from severe acute malnutrition (2010-11)
- A collaborative research project with Nutirtion Taskforce, Anand District DDO on “Prevelance of malnutrition in Anand District in selected Anganwadis “A March towards Red to Green Zone” (2011-12) whereby practices carried out by Aaganwadi workers were checked along with the height and weight of the beneficiaries.

3.1.6 Give details of workshops/ training programmes / sensitization programmes conducted /organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

Details of workshops/training programes/sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture, among staff and students :-

- A Training Programme on “Knowledge Management for Faculties” in Feb.’07 (30 hrs) whereby all the faculty members actively participated.
- One day state level symposium on “Recent Advances on Antioxidant Research” 24th Sep.’07 whereby students and teachers from Gujarat state actively participated
- Department of Human Development and Foods and Nutrition jointly organized a National Seminar on “Health of Female Child Issues, Concerns & Challenges, UGC sponsored (26-27th Feb.’10). Faculty from various colleges presented papers and team of experts from varied related fields were called upon to overcome the challenges.
- A colloquiy on “Empowerment of Women, What Lies Ahead” was arranged on 8th Mar’11 i.e. the centenary year for the Women’s Day celebration as a part of knowledge accreditation for the final year students of the college. Eminent speakers from Anand, Vadodara and Ahmedabad were invited.
- Training and Capability Building Programme in Home Science” was organized by the college under KCG, Govt. of Gujarat initiative (12-17th Mar’2012), About 45 teachers from various Home Science colleges of Gujarat participated in the program (Annexure attached)

- A two-days workshop on “Research Culture in Home Science” was organized under CPE scheme (12-13th Dec’11) for the final year students in order to orient them towards the research methodology.
- A one-day workshop on “Emerging Professional Trends in Home science” for final year students with college alumni was arranged on 17th Jan’12 whereby expanding horizons in Home Science was discussed.
- A workshop on “Application of Statistics in Promotion of Research Quality in Home Science” under the CPE scheme, for the faculty was organized. (21st-25th Aug’2012)
- A workshop on “Technical Writing” under the CPE scheme for the faculty was organized on 11th Sept’12.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

I. Prioritized Research Areas

No.	Name of the Faculty	Area
1.	Dr. Bhanu Patel (TC Dept.) Retd’ 2012	Garments for Physically challenged
2.	Ms. Paresha Patel (HD Dept.)	Early childhood, Adolescents, women, girl child
3.	Dr. Devika Thakker (FRM Dept.)	Ergonomics, Entrepreneurship, Managerial skills.
4.	Ms. Bhavana Chauhan (FN Dept.)	Community Nutrition, Antioxidants, Geriatrics Nut.
5.	Mr. Yogesh Vadwala (Chemistry)	Natural Dyes.
6.	Dr. Sharda Joshi (HD Dept.)	Early childhood care and education.
7.	Dr. Nidhi Gupta (FRM Dept.)	Ergonomics, consumers, Environment studies
8.	Ms. Kalpana Srivastava (fRM Dept.)	Solid Waste Management
9.	Ms. Shazia Sharma (FN Dept.)	Menopause, Comm. Nut, food product development
10.	Ms. Vijaya Agarwal	Menarche, Adolscent Nutrition, Community Nutrition.

II Expert lectures/Resource persons in various events.

List is attached of the faculty members who went as resource persons in research related seminars/workshops/training programme.

Faculty invited as Resource Person (2010-11)

Sr. No.	Name of the Faculty	Topic	Date	Agency/Institute
1	Dr. Bhanu Patel	Member of Editorial Board of Pragati College Magazine.	Academic Year 2010-11	S.M. Patel College of Home Science
2	Ms. Paresha Patel	-'Parenting Style' for Parents Meeting -Early years & Stimulation - " " " " - " " " " - " " " " -Women and Educational Status	15-6-2010 15-9-2010 18-11-2010 20-12-2010 20-1-2011 16-10-2010	-Excellent English Medium School, Vaheera -ICDS Training centre Vallabh Vidyanagar " " " " " " " " " " " " " " " -Ministry of Agriculture at Extension Education Department, Anand Agriculture College, Anand.
3	Dr. Devika Thakkar	Colour Theories	8-2-2011	C.V.M. Higher Secondary Education Complex, Home Science Stream, V.V.Nagar
4	Ms. Sushma Batra Dr. Nidhi Gupta	Hand Hygiene " "	19-2-2011	Muljibhai Patel Kidney Hospital, Nadiad
5	Ms. Bhavana Chauhan	-Importance of Micro Nutrients. -Nutrition for Children suffering from Epilepsy -Importance of iron in Adolescent & Pregnant women -Importance of iron in Adolescent & Government policies for the same. -Micronutrients Deficiency and Prevention. -Protein Calorie Malnutrition and Anemia to Anganwadi Workers. -Micronutrient Deficiencies for Anganwadi Supervisors.	4-8-2010 5-8-2010 16-9-10 28-9-2010 19-1-2011 10-2-2011 16-3-2011	-ICDS Training Centre. -Mitra School, Mogri. -Sarsa Under Nutrition Cell. -Ministry of Women & Health, Food and Extension Unit, Nadiad. -Anganwadi Training Centre, V.V.Nagar -Ministry of Women and Health, Anand -Anganwadi Training Centre, V.V.Nagar.
6	Dr. Sharda Joshi	-Guidance & Counseling Coaching in HRD	30-6-2010	Extension Education Institute, Ministry of Agriculture, Govt. of India, Anand Agriculture University.

7	Dr. Sharda Joshi	Women & Rural Development	16-7-2010	----- do -----
8	“ “ “	Women & Rural Development	15-10-2010	----- do -----
9	“ “ “	Women Empowerment	16-10-2010	----- do -----
10	“ “ “	Stimulation	11-8-2010	ICDS Training Centre, V.V.Nagar
11	Ms. Minal Chauhan	-Nutrition for pregnant women, Adolescent girls and lactating mothers. -Adolescent, pregnant and lactating mother's nutrition and care for ICDS Supervisors. -Nutrition for pregnant and lactating mother & health care for Anganwadi Workers. -Secretion of milk and advantage of mother's milk.	17-9-2010 29-9-2010 10-2-2011 16-3-2011	-Villagers and Mothers, Tarapur -Govt. of India, Department of Women, & Child Development, Community Food & Extension Unit, Nadiad. - Govt. of India, Department of Women, & Child Development, Community Food & Extension Unit, Anand. -Anganwadi Training Centre, V.V.Nagar.
12	Ms. Mittal Barot	Stimulation in early years.		ICDS Training Centre, V.V.Nagar.
13	Ms. Tanvi Makwana	-Bakery & Confectionary -Demonstration of Preserve Foods Egg, Jam, Squash etc.		-C.V.M. Higher Secondary / Home Science, V.V.Nagar - Devrajpur Village
14	Ranjit D. Bhagora	As a Coach cum Manager at various universities of District and State level.	8-12-2010 to 16-12-2010	-Gwalior

Faculty invited as Resource Person (2011-12)

Sr. No.	Name of the Faculty	Topic	Date	Agency/Institute
1	Ms. Rekha Emanuel	As a mentor in “Chalo College Abhiyan” Anand District-I	October-2011	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat.
		As a mentor in “Training & Capability building Programme in Home Science.”	12-03-2012 to 17-03-2012	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat.

2	Dr. Bhanu Patel	'Garments for the lower limb disabled'.	22-04-12 to 23-04-12	M.J.B. Government Girls College, Indore.
		"Textile essential properties and classification. T.V. live telecast and integrated classroom throughout Gujarat State Colleges.	12-09-11	SANDHAN, BISAG Department of Higher Education Government of Gujarat, Gandhinagar.
		"Culture and Fashion" Training and Capability Building for Home Science faculty of Gujarat State.	16-03-12	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat. Gandhinagar.
		"C.B.C.S. Syllabus in Textiles & Clothing" Presentation cum discussion.	16-03-12	Department of Higher Education Government of Gujarat, Gandhinagar.
3	Ms. Paresha Patel	Parenting Skills	16-06-11	Excellent English Medium School, Vehra, Borsad
		Women and Education	16-09-11	Mainstreaming Gender in Agriculture at Government of India for Class II officers.
		Importance of Music & rhythm in primary schools	02-05-11	Pre-primary and primary teachers of Anupam Mission Schools of Anand and Nadiad.
		a) Importance of studying Growth & development b) Principles of Development	28-08-11	SANDHAN, BISAG Department of Higher Education Government of Gujarat, Gandhinagar.
		- Importance of Early years - Stimulation in Early years - Early years the Foundation years	17-06-11 18-08-11 25-09-11	Anganwadi Training Centre, ICDS, V.V.Nagar for Anganwadi workers.
		a) Syllabus formulation in Human Development b) Active learning methodology	17-03-12 14-03-12	Capacity Building Training programme of KCG, Government of Gujarat for teachers of Home Science, Gandhinagar.
4	Dr. Devika Thakker	Colour Theories	14-02-12	Home Science, Higher Secondary, V.V.Nagar.
		Household waste and safety	16-02-12	F.R.M. Department, Workshop organized under Research project, V.V.Nagar.
		Housing and its importance		SANDHAN, BISAG Department of Higher Education Government of Gujarat, Gandhinagar.
		Workshop on Ergonomics & Course content in FRM.	16-03-12	Training and Capability building program, KCG,

				Gandhinagar.
5	Ms. Alpana Shah	Non-woven - Meaning, manufacture process and uses.	14-02-12	SANDHAN, BISAG Department of Higher Education Government of Gujarat, Gandhinagar.
		"Textile essential properties and classification. T.V. live telecast and integrated classroom throughout Gujarat State Colleges.	12-09-11	SANDHAN, BISAG Department of Higher Education Government of Gujarat, Gandhinagar.
		"Culture and Fashion" Training and Capability Building for Home Science, Faculty of Gujarat State.	16-03-12	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat. Gandhinagar.
		"C.B.C.S. Syllabus in Textiles & Clothing" Presentation cum discussion.	16-03-12	Department of Higher Education Government of Gujarat, Gandhinagar.
6	Ms. Bhavana Chauhan	Importance of Breakfast and primary school children nutrition.	19-06-11	Excellent English medium school, Vehra, Borsad
		Nutrition for primary Epilepsy children.	03-08-11	'Mitra' school, Anupam Mission, Mogri.
		'Sensory Evaluation.'	17-02-12	C.V.M. Home Science Higher Secondary, V.V.Nagar
		Importance of Nutrition in pregnant / lactating & Adolescent age for Anganwadi CDPO's.	23-02-12	Ministry of Health and Child Welfare, Valsad Sector, Mehmabad.
		Micro-nutrients - Importance to Anganwadi workers.	28-07-12 to 05-08-12	Anganwadi Training Centre, Vallabh Vidyanagar
		Food Preservation	21-02-12	SANDHAN, BISAG, Government of Gujarat, Gandhinagar.
		Course Content in Home Science	13-03-12	KCG, Government of Gujarat, at Training Capability Building Programme.
7	Ms. Sushma Batra	Management Process	16-08-11	SANDHAN, BISAG, Gandhinagar.
		As an subject expert of Vice-chancellor for recruiting Adhyapak Sahayak.	21-02-12	Sheth P.T. Mahila College, S.N.D.T. University, Surat.

		Household Equipment selection & care with reference to conservation of energy.	10-03-12	For members of Mahila Mandals at Community Science Centre, V.V.Nagar.
		Workshop on Ergonomics & Course content in FRM.	16-03-12	S.M. Patel College of Home Science.
8	Mr. Yogesh Vadwala	Preparation of Detergent, Phenyl, Liquid Soap, Dish washing powder at Small Scale	03 times per year	Anganwadi, V.V.Nagar.
		-Pesticides & Its classification. -Water & Its importance.	02-01-12 16-01-12	SANDHAN, BISAG
		Course content in textile and clothing.	16-03-12	Training & Capability Building programme for teacher in Higher Education.
9	Ms. Sharda Joshi	Guidance & Counseling in HRD.	01-06-11 & 29-07-11	EEI-AAU, Anand.
		Women & Rural Development.	16-09-11	EEI-AAU, Anand.
		Women Empowerment.	17-09-11	EEI-AAU, Anand
		Research Methodology.	12-12-11	S. M. Patel College of Home Science, V.V.Nagar
		Growth, Development and Piaget's Theory-Remedial Teaching.	05-02-11	Anupam Mission, Mogri.
10	Ms. Shazia Sharma	Food Preservation.	21-02-12	SANDHAN, BISAG, Gandhinagar.
		Course content in Home Science.	13-03-12	S. M. Patel College of Home Science and K.C.G., Government of Gujarat.
11	Dr. Nidhi Gupta	Gender Mainstreaming and gender sensitization in National programme of new approaches & methods in agriculture extension.	16-12-11	Extension Education Institute, Ministry of Agriculture, Government of India.
		Participatory Extension Management in Agriculture and Allied Fields.	04-02-12	Extension Education Institute, Ministry of Agriculture, Government of India.
		Training Programme for housewives on Household Waste management practice in Vidyanagar.	20-02-12	S. M. Patel College of Home Science, Under U.G.C. sponsored project.
		Elective Course and Course Content in Training and Capability Building program.	16-03-12	S. M. Patel College of Home Science, Under KCG, Department of Education, Gandhinagar.
		Promotion of Culture of Quality through Research	July 6 to 8, 2012	Knowledge Consortium of Gujarat and Higher education District, Anand at B. J. V. Mahavidyalaya, Vallabh Vidyanagar, Gujarat,

		Ergonomics in Day-to-Day life	July, 7, 2012	lecture in SANDHAN (live television lecture series from BISAG), Gandhinagar
		Promotion of Culture of Quality through Reseach	August 28 to 30, 2012	Knowledge Consortium of Gujarat and Higher Education District, Surrendranagar at M. P. Shah Commerce College, Surrendranagar, Gujarat,
12	Ms. Kalpana Srivastava	Management Process Workshop.	16-08-11	SANDHAN, BISAG, Gandhinagar.
		Workshop on Ergonomics & Course content in FRM.	16-03-12	S. M. Patel College of Home Science, Under KCG, Department of Education, Gandhinagar.
13	Ms. Vijaya Agarwal	Women's Issue.	28-07-11	Extension Education Institute, Anand Agriculture University, Anand.
		Integrated Child Development Services.	03-08-11	Extension Education Institute, AAU, Anand.
		Course content in Home Science.	13-03-12	S. M. Patel College of Home Science, Under KCG, Department of Education, Gandhinagar.
14	Ms. Padmaja Puppala	Workshop on Ergonomics and Course content in FRM	13-03-12	S. M. Patel College of Home Science, Under KCG, Department of Education, Gandhinagar.
15	Ms. Minal Chauhan	Malnutrition in children and pregnant women. Micronutrient deficiency Diseases. PCM for Anganwadi Workers & Health Workers.	25-05-11	Ministry of Health and Child Welfare, Valsad Sector, Mahudha, Dist. Kheda.
		Secretion of Milk & advantages of Breast feeding.	26-07-11	Anganwadi Training Centre, V.V.Nagar.
		Milk Bank	02-09-11	AWTC at Bhalej, Dist. Anand
		Good Health & Nutrition for Adult and Menopausal women.	28-08-11	NSS Camp of the College, Khandhali.
		Nutrition & Care of Adolescent Pregnant & lactating mother and related Government programme for Anganwadi, CDPO.	14-12-11 23-12-11	Ministry of Health and Child Welfare, Valsad Sector, at Baroda & Mehmdabad taluka panchayat hall.
16	Mr. Ranjit Bhagora	Inter University Kho Kho Girls team selection.	03-10-11	S. P. University, V.V.Nagar.
		Inter University Kho Kho Boys team selection.	24-01-12	S. P. University, V.V.Nagar.
		National Kabaddi Tournament (Boys/Girls)	05-08-11 & 06-08-11	Kendriya Vidyalaya, EME, Baroda.

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Number of eminent researchers have visited our campus, and interacted with teachers and students. The name of few eminent researchers is given below :

No.	Name of the eminent researchers	Institution	Date
1	Dr. Prerna Mohite	Dean, Faculty of Family & Community Science, MSU, Vadodara	26/02/2010
2	Ms. Hema Yadav	Psychologist	02/02/2011
3	Mr. Raj Shaw	President T.C.S., USA	--
4	Dr. B. Balkrishnan	Retired, Head department of Textile & Clothing M.S.U. Vadodara	08/02/2011
5	Dr. Sulbha Natraj	Principal, Waymade College of Education, V.V. Nagar	08/03/2011
6	Shri Kanubhai Patel	Director, Lajja communication	25-26/09-10
7	Prof. Lekhia	Department of Education, Sardar Patel University, Vallabh Vidyanagar	13/12/2011
8	Prof. Shagufa Kapadia Prof. Rajlakshmi Sriram	Dept. of HDFC, Faculty of Family & Community Sciences M.S.U., Vadodara	17/03/2012
9	Prof. Manisha Shukul	Home management, Faculty of Family & Community Sciences M.S.U.	13/12/2011
10	Dr. Umesh Kapil	Head, Department of Paediatrics AIIMS, Delhi	27/02/2010
11	Prof. Jadeja	Director, H.M. Patel Institute of English, V.V. Nagar	13/12/2011
12	Prof. Vinayak Patel	Head, Dept. of P.G. studies, S.P. University	24/08/2007
13	Prof. Mani Iyer	Head, Dept. of F&N, M.S.U., Vadodara	24/09/2011
14	Principal G.N. Sharma	Retired, Principal Dairy Technology G.A.U., Anand	--
15	Dr. K. Ratnam	General Manager, Operations Amul, Anand	16/01/2012
16	Dr. Parul Tina Desai	Co-author of encyclopedia for Women in Mythology C.V.M. V.V.Nagar	20/07/2011
17	Prof. H. J Jani Prof. Darshna Dave	P.G. Department of Business Studies S.P. University, V.V.Nagar	21 to 25/08/2012
18	Dr. J.D.Patel	Eminent researcher	11/09/2012

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Since ours is a undergraduate college it is difficult to find replacements of the teachers opting for leave, thus for the benefit of the students, leave for research activities are not granted, but flexibility in timings are made for those who are actively involved in research.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative finding of research of the institution and elsewhere to students and community (lab to land)

Details of the initiatives taken up by the institution:

Creating awareness

- By celebrating various weeks like, National Nutrition week, International Breast feeding week, Consumer week, Balwadi day, where people from the community participate.
- By putting up exhibitions on particular themes like Valkal, Know your heritage, unfair trade practices, teaching learning aids Nutrition in lifestyle diseases.
- By organizing workshops/training programs, for the community like.....
 - A workshop on dyeing cotton fabrics using natural colouring matter.
 - Training programme for food vendor of Anand (101 vendors) on safety and hygiene
 - Training programme for housewives on recycling household waste was done in Family Resource Management department under UGC minor research project scheme (40 housewives for 10 days)
- A booklet on Soya rich recipes was prepared and distributed to parents of Zaverba Nursery school.
- A workshop on “Maternal and Child Nutrition practices & lactogogues” was organized for Aaganwadi workers.
- A two-day workshop for teachers of pre-primary schools of Anand and Vallabh Vidyanagar was organized regarding three R’s made easy. (reading, writing & arithmetic)
- A two-days workshop for teachers of Vehera English Medium school on “teaching in classrooms”
- Planning nutritious recipes for mid day meal program.

Advocacy

- By giving various lectures to the community on different topics.
- By putting up stall in “VIDYOG” informing people about nutrition and deficiencies, measuring visitors’ BMI, preparing questionnaires on depression and counseling people on immediate problems, life skills, colour application in interiors etc.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

Our college is Grant-in-aid College; therefore, there is no specific budget allotted for research. However teachers apply for major & minor research projects to UGC. We have an Anganwadi Workers Training Centre affiliated to the college. Various researches related to women and children can be carried out. Research programmes are also carried out along with the District authorities.

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

There is no such provision. However, our faculty members have got minor & major research projects from UGC, World Bank, and State Govt. Faculties take small projects supported by the various institution with motivation from CVM. CVM also gives economic inputs as and when required. Percentage of teachers availing of such grants (last four years)

Minor research projects	- 18%
Major research project	- 6.25%
State Government project	- 12.50%
World Bank project	- 6.25%
Applied for minor & major Projects	- 12.50%

3.2.3 What are the financial provisions made available to support student research projects by students?

Out of the research activities grant of CPE, a workshop on “Developing research culture in Home Science” was organized. Students with the faculty narrowed down the areas of research, after which funds were allocated to all the departments. Under the course of seminar students conducted research under the teacher’s guidance.

Name of Teacher	Duration	Topic	
Dr. Sharda Joshi	3 months	Parents’ view towards ICDS services	
Ms. Paresha Patel	3 months	Exploratory study of ECCE related activities conducted by Angawadi workers of Anand Dist.	
Dr. Nidhi Gupta	3 months	Buying Practices among today’s adolescent.	
Dr. Nidhi Gupta	3 months	A survey to access the various postures adopted by home makers during house hold work	
Dr. Nidhi Gupta	3 months	Impact of advertisement on purchase behaviour of consumer.	
Ms. Vijaya Agrawal	3 months	A study on the nutritional status of the students aged 10-14 years of V.V. Nagar	
Ms. Bhavana Chauhan	3 months	Effectiveness of ICDS Programme on the nutritional status of pregnant & lactating women in 25 Anganwadi of Anand Dist.	

Economic support for the above mention research is made available from CPE grant, beside it, economic supports given by other institution like Vidhyog.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite example of successful endeavors and challenges faced in organizing interdisciplinary research.

Uptill 2010 there used to be interdisciplinary research work but it was not done in an organized way. Thereafter, during 2011-12 all the concerned programmes or activities were planned and organized in a formal manner for example:

- In order to improve ICDS –services different aspects have been undertaken for research work by final year students. Under the guidance of teacher to find out the types of activities provided by the AWW in the anganwadi.
- Two-day National seminar on “Female child – issues, concern & challenges” organized on 26th-27th Feb.2010 (UGC). It was a joint interdisciplinary research seminar organized by two departments i.e. Foods & Nutrition and Human Development.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Institute functions from 7.45am to 5.30pm which facilitates students to use internet and library facilities. Apart from the regular laboratory time, the students are taking prior permission and using the departmental laboratories as per the instruction given by their guide for their project work. Moreover, they can also avail the facilities available in sister institutions.

In order to ensure optimal use of various labs & equipment, regular students are divided into smaller batches, so that they get an opportunity to make optimum use.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.

No, special grants from industry or other agencies are received for developing research facilities. Under CPE status institution has received grant for research activities. However, certain NGOs provide financial and other support to student to carry out small research surveys as per their requirement. e.g.-Nutritional status of children in Vraj Bhoomi school, March from Red to Green – A project with D.D.O., Recipe – development with Ragi, Honey and Ashwagandha with forest department for tribale people.

3.2.7 Enumerate the support provided to the faculty in securing research funds form various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grant received during the last four years.

There has been a continuous motivation and encouragement from the CVM to take up the research projects and as a result following research projects have been taken up by faculties. Details of ongoing and completed projects are as under :

Minors projects

Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
			Sanctioned	Received	
Feb. 2010-12	Consumer satisfaction/ dissatisfaction for their broadband and internet service providers (ISP) an exploratory study	UGC	2 lakhs	50,000	
Feb 2010-12	A study on role of women in recycling house hold waste with specific reference to Vallabh Vidyanagar in Anand Dist. of Gujarat	UGC		1,15,000	
2012-2014	Extraction of natural dyes from plant waste and its application on various fabrics	UGC		41,500	
AP 2012 Applied	Bio medical waste management practices by Primary health care providers in Anand	UGC			
	“Stress & Strain in Higher Education because of globalization (completed)	UGC			

Major projects

Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
			Sanctioned	Received	
2005-2008	“Capacity Building Project on Street Foods” (completed)	World Bank and MHFW	9.35 lakhs	9.35 lakhs	9.35 lakhs

Students’ Research projects 2011-2012

Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
			Sanctioned	Received	
3 months	Parent’s view towards ICDS services				
3 months	Exploratory study of ECCE related activities conducted by Anganwadi workers of Anand Distt.				
3 months	Buying practice among today’s adolescence				
3 months	A survey to access the various postures adopted by home				

Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
			Sanctioned	Received	
	makers during household work.				
3 months	Impact of advertisement on purchase behaviour of consumer (adolescents)				
3 months	A study on the nutritional status of the students aged 10-14 years of V.V. Nagar				
3 months	Effectiveness of ICDS programme on the nutritional status of pregnant & lactating women in 25 Anganwadi of Anand Distt.				

Any other (specify)

Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
			Sanctioned	Received	
June-2011 to Dec-2012	March from Red to Green Zone : To find out the malnutrition status of children in Anganwadi between 0 - 5 years children of Anand District (A project with D.D.O, Anand)	D.D.O. Anand			

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

Within the college campus available research facilities are ICT, well equipped laboratories, INFLIB-net, cafeteria, library having books and journals, research guide & research fund (CPE).

Outside the campus, under umbrella of CVM, SICART facilities are available.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- Syllabus has been revised as per the global needs. Courses in computer are introduced and revised time & again as per the research need. During the VI semester under the course 'seminar' final year students conduct small research and present a seminar of their respective research work.

- For upgrading the research knowledge seminars & workshops are being organized for students & staff.
- Institution purchases new equipments for upgrading the laboratories (Anthropometric Kit).
- At the same time new programmes are installed for upgradation of computer (ICT) i.e. SOUL,.
- Infrastructural facilities like a full fledged computer Lab., internet facility, fully furnished library with books and journal, gym have been created to meet the needs of students who want to conduct researches.
- New courses have been introduced in direction of research development i.e. interpersonal relationship, soft skill development, ergonomics, consumerism, sports nutrition, marketing, kitchen modular design.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/facilities created during the last four years.

No, grants have been received from either industry or beneficiary agency for developing research facilities, But UGC provides grant for minor and major research projects.

- Under CPE status we have funds for research.
- DELL has been developed by state government.
- Charutar Vidya Mandal (CVM) has developed computer lab.

3.3.4 What are the research facilities made available to the students and research scholar outside the campus/other research laboratories?

Outside the campus

- University Library namely Bhaikaka library and other departmental libraries are available for research work.
- Statistics department helps in analysis and sharing the softwares.
- Department of Home Science at university level allow Ph.D. students to conduct laboratory work.
- SICART provides facilities to research scholars by providing laboratory having specialized equipments.

3.3.5 Provide details on the library/information resource centre or any other facilities available specifically for the researchers?

- College library provide internet facility to the research students.
- Library is having number of research journals for reference work.
- Photocopier facility in the library has been created.
- The University library and departmental library facilities are available to the reserarchers.

3.3.6 What are the collaborative research facilities developed/created by the research institutes in the college. For eg. Laboratories, library, instruments, computers, new technology etc.

Our college being an undergraduate institute, collaborative research facility is not frequently practised. But if there is a need, we can use research facilities from sister institution.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

Patents obtained and filed?

NIL

Original research contributing to product improvement.

- Larry design for the vendors of Anand
- Soya recipe booklet
- Use of Natural dyes.
- Training Manual for food vendor on food safety and hygiene.
- Ragi, Honey, Ashwagandha, Sataya, Soyabean based recipes for tribal people.
- Developed low cost recipes for mid day meal program (ICDS)
- Preparation of lactogoges
- Preparation of low cost teaching aids

Research studies or surveys benefiting the community or improving the service

- Developing teaching aids for generating consumer awareness.
- A market survey on latest household equipments available in the market.
- Developing low cost teaching aids for primary and pre-primary teachers.
- Impact of advertisements on purchase behaviour of adults
- Camp for estimating the BMI and BMD for the community
- Ergonomic considerations of workstation designing for bank employees.
- To study the postural problems among superstore workers.
- To find out the knowledge regarding rights of girl in rural & urban college going girls.
- A comparative study of sexual harassment of working women in Government/private educational and financial institutions
- A comparative study of various methods to assess the knowledge of semi-urban women regarding the use of solar cooker.
- Physical properties of textile and its application in garments for physically disabled.
- Extent of awareness and food adulteration detection in selected food items purchased by home makers.
- An ergonomic evaluation of agricultural tools used by farm women
- Sensory evaluation of protein energy rich peanut cake developed by UNICEF
- A study to assess the nutritional status of students in Vrajbhoomi School.

Research inputs contributing to new initiatives and social development

- Two days capacity building workshop for Aaganwadi workers of Anand District under CPE based on the research conducted in year 2011-12.
- A Garba booklet was prepared on Nutrition and child care.
- Developed digital audio's (CD) on nutrition, child care, health and hygiene.

- Developed a training manual on safety and hygiene for food vendors.
- Prepared power point presentation on hand hygiene for support staff in hospitals.
- Recipes with Ragi, Honey, Ashwagandha & Sataya.
- Prepared Therapeutic food for children.
- Counseling Parents for child care & nutrition.
- A Project on march from Red to Green zone to combat malnutrition in anand district block one selected Aganwadies in collabaration with district development officer anand.
- Recent advances on antioxidant research a one-day state level symposium.
- A solid waste management project (minor) whereby role of housewives in household waste management practices are studied and training is imparted to them for the same.
- Consumer satisfaction /dissatisfaction with respect to their internet services provider was studied and assessed. (Minor project)
- Natural dyes from plant waste was extracted and its application on various fabrics is studied (Minor project)
- An analytical study on district consumer forum of Nadiad, Gujarat.
- Soyabean as a functional food for post menopausal women.
- Impact of socio-economic factors and dietary patterns on obesity among adolescents of Anand.
- Energizing needs for women – Ergonomic choices.
- Dietary “Flavonoids” intake and its relation with plasma antioxidants capacity among the population of Vithal Udyognagar.
- A study on intelligence and creativity among college students in relation to inhabitation and gender.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

No, but we do intend to publish the work of staff and students under the CPE status. Our few faculty members are members in editorial board of national/international journal. (Refer Annexure-3) We have published the Sovereign on female child issues, concern & challenges (UGC).

**3.4.3 Give details of publications by the faculty and students:
Research Publication by faculties**

S. No.	Title	Journal name	Vol/. Year & Page	Author	ISSN No.
1	Physical prop. of Textile and its application in garments for physically disabled	Journal of Engineering and Technology S.P.Uni. V.V. Nagar	Vol.20/ Dec. 2007 PP. 103-107	Dr. Bhanu Patel Dr. B.N.Chaulkar	-
2	Comfort giving Textiles and garments for upper limbs disabled boy using	NCM New cloth Market Ahmedabad	Dec.2007 PP. 30-35	Dr. Bhanu Patel Dr. B.N.Chaulkar	0972-1-II

S. No.	Title	Journal name	Vol/. Year & Page	Author	ISSN No.
	simulated model				
3	Clothing for the disabled	Journal of the Textile Association of India, Mumbai	Jan-Feb '08 PP- 204-208	Dr. Bhanu Patel Dr. B.N.Chaulkar	0368-4636
4	Right of the child	Navtika Jr. of ECCE	Vol. VIII No. 1, Jan-Apr.2008 PP.20	Dr. Sharda Joshi	-
5	Privatization and deeling in std of Ed.	Gujarat Jr. of Psychology	Vol. 24 Oct -Dec.2007 PP. 54-55	Dr. Sharda Joshi	-
6	Printing of Textile with natural Pigment using Acrylic Emulsion as Binder	Journal of Textile Association of India	Vol.69, No.2, July-Aug.2008 PP.65-67	Dr.Bhanu Patel & Dr.Madhu Sharma	0368-4636
7	Extent of awareness and food adulteration detection in selected food items purchased by home-maker.	Pakistan Journal of Nutrition	Vol.8, No.5, 2009 PP.660-667,	Dr.Nidhi Gupta	1680-5194
8	An ergonomics evaluation of agricultural tools used by farm women.	International journal of Biotechnology Research	Vol.2, No.1, pg.1-7, Jan-June-09	Dr.Nidhi Gupta	0974-6293
9	Stimulated Models-garment designing for physically handicapped.	The Textile Industry & Trade Journal	Vlo.47, No.7-9 pg.19-22 July-Sept.2009	Dr.Bhanu Patel	-----
10	Emerging trends & Scope in Home Science.	Research Link	Vol.8(1), March 2009 Issue-60,	Dr.Sharda Joshi	0973-1628
11	Assessment of training needs of early childhood education teachers.	Navtika Indian Journal of Early Childhood & education	Vol.9, No.3, Sept.2009 PP.41-45	Dr.Sharda Joshi	-----
12	Service Quality Perceptions of Railway Consumers in India: An Empirical Study	ARAHE,	Vol. 16, No.1, 2009.	Dr. Nidhi Gupta	-----
13	Why railway consumers don't complain?: An Exploratory study	Gujarat Journal of Psychology and Education	Vol. No. 2, pp 41-44, April-June, 2009	Dr. Nidhi Gupta	-----
14	An analytical study on district consumer forum of Nadiad,	Research Link	Vol. 8, No. 4, pp 148-151, June-	Dr. Nidhi Gupta	0973-1628.

S. No.	Title	Journal name	Vol/. Year & Page	Author	ISSN No.
	Gujarat		2009.		
15	Hygiene and Sanitary practices of street food units of Ahmedabad, Gujarat".	The socio scan, an international quarterly journal of Ethno and Social Sciences,	Vol.2, No. 3 & 4, 2010, PP.57-61.	Dr. Nidhi Gupta, Ms. Taparia, M.,	-----
16	Knowledge Assessment and Practices related to Food safety and hygiene of street foods.	Asian Journal of Home Science (International) ISSN: 0973-4732	Vol.6(2) Dec.2011 PP 184-189	Dr. Nidhi Gupta	0973-4732
17	Preschool teachers' opinion towards children's play.	Navtika, sdIndian Journal of Early childhood Care & Education.	Vol.111, No.1 Feb.-Apr. 2012 PP 69-73	Dr.Sharda Joshi	----
18	Situational analysis of pre schools of Anand, Gujarat	Navtika Indian Journal of Early Childhood & education	May - July 2012 PP23-30	Dr.Sharda Joshi	----
19	Contributed two chapters in book	National Institute of Open Schooling	2001-2012	Dr. Devika Thakkar	
20	Contributed in four chapters in "Home Science Extension Education"	Granth Nirman Board, Gujarat	2011-12	Dr. Sharda Joshi	
21.	Clothes for Physically handicapped	Registrar, Sardar Patel University	2009	Dr. Bhanu Patel.	

3.4.4 Provide details (if any) of Research awards received by the faculty

S.N.	Name of the faculty + topic	Award/Honour
1	Dr. Bhanu Patel & Ms. Ayesha Kshatriya Topic : Revival of traditional textiles of Patan.	2 nd Position in Poster presentation at National symposium Sant Gadge Baba Amravati University, Maharastra (2008)
2	Ms. Tanvi Makwana Ms. Neeta Dave Topic : Development of Nutritious Khakra using groundnut meal.	1 st Position in poster presentation at U.G.C. sponsored National Seminar in S. M. Patel College (2009)
3	Dr. Nidhi Gupta & Ms. Padmaja Pupalla Topic : Ergonomic considerations for tool designing of rural women	Best innovative paper in oral paper presentation in seminar on understanding rural consumer (2012)
4	Ms. Vijaya Agarwal	2 nd Prize in oral presentation in Innovation in Science S. P. University, Research scholar meet.-2012
5	Ms. Shazia Sharma	3 rd Prize in paper presentation in Innovation in science S.P.univesity, (2012)

Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

S. No.	Faculty	Award / Honors	Year
1	Ms.Rekha Emanuel	<ul style="list-style-type: none"> Syndicate member from 1st April-2012 to 31st March 2015. Dean Faculty of Home Science. District Coordinator of Anand District-1 Member of Mid Day Meal Committee. Executive Committee Member of Home Science Association of India. Task Force Member - Sardar Patel University. District coordinator for Swarnim Gujarat Programmes for colleges of Anand District-1. Member of College Development Council. Member of Library Council. Organizations of TOT Training for Supervisors of ICDS 6 Programmes. Sanchalak of Anganwadi Worker's Training Centre. 	2012-2015 2011 onwards 2011 onwards Since 2008-09 till date.
2	Dr.Bhanu Patel	<ul style="list-style-type: none"> Elected Senate Member Elected Syndicate Member Jury member for "World class University" an essay competition in Faculty of Sardar Patel University. Member of "Task Force" in Sardar Patel University. Member of selection committee for Non-teaching Staff of Sardar Patel University. Member of "Unfair means Committee"- Sardar Patel University. Member of Library Committee- Sardar Patel University. 	2007-2012 2009-2012 2009-2012 2009-2012 2010-2011 2009-2012 2009-2012
3	Ms.Paresha Patel	<ul style="list-style-type: none"> Member of Board of Studies. Member of Examination Board. Life Member of IAPE (Indian Association of Preschool Education.) Life Member of Home Science Association of India. Board Member of Anandalaya School. V.C. nominee for the selection of Adhyapak Sahayak, Government of Gujarat (S.N.D.T. South Gujarat) Member of Gold Club, KCG, Government of Gujarat. Incharge Zaverba Balwadi / Surya Creche. 	2010 onwards 2011-12 2010 onwards
4	Ms.Devika Thakker	<ul style="list-style-type: none"> Life member of Home Science Association of India. Member of Board of Studies. 	From Jan.2008
5	Ms.Alpana Shah	<ul style="list-style-type: none"> Senate Member, Sardar Patel University. Member of Board of Studies, Sardar Patel University. Coordinator, Add on Course in Fashion designing. State Coordinator for SANDHAN- Department of Higher Education Initiative Government of Gujarat. 	2012 to 2017 2011-12

S. No.	Faculty	Award / Honors	Year
6	Ms.Sushma Batra	<ul style="list-style-type: none"> Senate Member, Sardar Patel University. Member of Board of Studies, SPU. Coordinator, Add-on Course in Interior. Life Member of Home Science Association of India. V.C. nominee for selection of Adhyapak Sahayak, Government of Gujarat. 	2007-12 2008-12 2011-12 2011-12
7	Ms.Bhavana Chauhan	<ul style="list-style-type: none"> Senate Member, Sardar Patel University. Member of "Task force" Anand District from February-2012. Member of Mid Day Meal Committee. Member of Board of Studies from 2008 till date. Founder Member of "SASNET", Life member of Home Science Association of India. Life Member of Indian Dietetic Association of India. 	2012 to 2017 2012. 2008
8	Ms.Nidhi Gupta	<ul style="list-style-type: none"> Best Innovative papers in oral paper presentation-in seminar "Understanding the Rural consumer" organized by G.H.Patel Institute of Business Management, Sardar Patel University. Fellow of the Hind Agro-Horticultural Society (FHAS). Life Member of Home Science Association of India. Member of Indian Ergonomics Association. PI of the minor research projects (U.G.C.) Editorial Board Member of the International Journal. (Asian Journal of Home Science). 	
9	Ms.Shazia Sharma	<ul style="list-style-type: none"> Life Member of Home Science Association of India. Life Member of Indian Dietetic Association of India. 3rd Prize in paper presentation in Innovations in Science, S. P. University Research Scholars Meet. Coordinator, Add on Course in Sports Nutrition. Founder Member of SASNET. 	Jan.-2012
10	Ms.Vijaya Agarwal	<ul style="list-style-type: none"> 2nd Prize in oral presentation in Innovations in Science, S. P. University Research Scholars Meet. Empanelled at Vrajbhoomi International School as the nutrition counselor. Life Member of Home Science Association of India. Convener, IDA, V.V.Nagar Chapter and Life Member of Indian Dietetic Association. Founder Member of SASNET. 	Jan.-2012

3.5 Consultancy

3.5.1 Give details of the system and strategies for establishing institute-industry interface.

- While planning CBCS curriculum experts were invited from various areas like; industry, entrepreneurs, cottage industry, other sister institutes, doctors etc.
- In Vidyog students of different majors worked with industries.
eg. Family Resource Management students talked about consumer awareness among the visitors through pamphlets, Nutrition students gave ideas regarding healthy practices & distributing leaflets on therapeutic diets, students of human development distributed questionnaire on depression & the teachers counseled those having minor depression problems.
- Tours to various industries are organized.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

- The faculty of the institution provides honorary service whenever needed. Like; if any one wants to start a Preschool, teachers of Human Development department are consulted.
- By arranging exhibition on various themes and sub themes.
- Celebration of various weeks like, International mothers milk week, National Nutrition week, consumer week etc. where various stakeholders are invited from Govt. Organisations, Hospitals etc,
- Association with various clubs like ; Vidyanagar Nature club, Inner wheel club, Rotary club, JCI etc.
- Awareness Generating Programmes related to Health & Nutrition, safety & Hygiene, consumerism etc. in various schools & colleges are arranged.
- Parents meeting are organized department wise.
- By publishing article in print media.
- By being active members of various committees in Government and NGO.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

- Adjustment in terms of time when required duty leave is sanctioned to a faculty for utilizing their expertise of consultancy either as a guest lecturer to various institutions or as a part of committee of various organizations.
- Whenever there is an opportunity, institute encourages and manages to write in newspaper and magazine.
- The institute also helps the faculty in collaborating with clubs and other NGO's and by writing and publishing their articles.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Broad Areas :

The broad area's where major consultancy provided are :

- 1) Foods & Nutrition :

Therapeutic nutrition, food products development, community nutrition, sensory evaluation of food products, Food Analysis.

2) Extension education :

Physically challenged children, Anganwadi training centre, Geriatric services.

3) Family Resource Management :

Interior Decoration, consumer awareness, ergonomics, solid waste management, environmental awareness.

4) Human Development :

Preschool management, Teacher education, Parents Consultation, Community involvement, ECCE management, women empowerment, Differently able children, old age homes.

5) Textile & clothing :

Dyeing & printing, Fabric enhancement, clothes as per individual and Occasion, embroideries & fabric painting.

- Since the service provided by the faculty members are honorary there is no revenue generated in the areas of consultancy.
- Faculty members also share their expertise through magazines, news papers & research articles.
- Many of our faculty members also provide their expertise to Hospitals (Lecture on handwashing), Schools (Helps in planning curriculum), Management in nursery school's standardization of recipes in Mid Day Meal programmes.
- Training Blind girls in art of cooking.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

Since, there is no income generated through consultancy no such policy is formulated by the institution. However the good will generated is a fulfilling experience.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution – neighborhood – community network and Student engagement, contributing to good citizenship, service orientation and holistic development of students?

The college organizes various programmes mentioned below and undertakes the different activities that caters to the need of community and builds a healthy relationship with the community and engage the students in services to the society at various fronts...

Annual NSS Camp in nearby villages are organized by the College:

Annual NSS Camp	2007-08	2008-09	2009-10	2010-11	2011-12
Date	21-11-07 to 30-11-07	18-11-08 to 27-11-08	22-11-09 to 28-11-09	14-11-10 to 20-11-10	26-11-11 to 02-12-11
Village	Ravalapura	Rahtalav	Rasnol	Devrajpora	Khandhali
Days	10	10	07	07	07
No. of Students	65	65	60	40	54

(A) Common activities undertaken in all the National Service Scheme (NSS) Camps are as following

- Survey of village done by the Students.
- Medical Camps: Eye check up, Blood donation Camp, Medical check up Camp, Dental care.
- Tree Plantation at School where Drum stick trees are planted.
- Activity in School : For school children different talks were arranged on the topic like Goal setting , Stress management, Discipline and Celebration of sports activities for children.
- Income generating activities and useful talks are organized for rural women.
- Cultural activities
- Craft activities like toy making from waste paper, best out of waste
- Activities in Anganwadi children like story telling , healthy child competition
- Various competition were arranged for villagers

The Camp also help in holistic development of the students like

- Working in group
- Interacting with Community confidently
- Surviving in scarce resources
- Sustainability with environment

(B) Regular community welfare activities in National Service Scheme (NSS) :

During 2007-12 following regular activities were conducted for students to become good citizen and for their holistic development.

- One students has participated in three days state level workshop at Pandit Dindyal Upadhaya University, Gandhinagar in the year 2012.
- Students also participated in National Integration Camp held at various places of Gujarat.
- Tree Plantation
- Cleaning Camp
- One-day Camp at various places: At Anganwadies of Vallabh Vidya nagar students did various activities like, activities for women, children and adolescent girls, Lecture on Health and Hygiene, Demonstation of Nutritious Recipes by use of Balbhog atta, Creative activites, Role plays, puppet show, lecture on different topics by using different teaching aids, Preparation of toys from newspapers and other games, fabric painting,embroidery, Demonstration of Food Adultration, Income generating activity like

preparation of Phenyl , Liquid soap, Detergent powder, Dish washing powder etc.

- Visits to Old age home and Joy-land a school of physically challenged children,
- Lectures by experts on various topics: Like Awareness about Traffic rules, HIV awareness.
- Various days are celebrated.
- World Population day, Aids awareness, Environment awareness days, Sadbhavana day, Krantivir din, Environment day, Voters day, No Polythene Week, etc.
- Various competitions like poster making, Rangoli, slogan making, Essay Writing, Script writing, Best out of waste, Patriotic song competition were arranged.
- Adult education programme for women of Jagrut Mahila Sangathan and Slum area.
- Medical check up Camps: Blood donation Camp, Eye check up camp, Dental camp, Thalassemia Camp etc.
- Workshops were organized on AIDS awareness, consumer awareness on First Aid, Flower making, glass painting, Dyeing of cotton fabrics using natural colouring matter, Innovative, creative art, experiences for teaching and learning process,

(C) Departmental Activities:

- Exhibition of various departments : In which community has participated
- Week/days celebration: Like Consumer week celebration, Mother's Milk week celebration, Nutrition week, NCC
- The College also manages NCC activities for the students with an aim to inculcate discipline, enhance their self image along with spirit of patriotism.
- The NCC students participate in various camps at state and national level.
- They are sent to participants in the immunization programme of State Government.
- They take part in the Republic day parade in the campus.
- NCC parade is organized in the college every Friday.
-

3.6.2 What is the Institutional mechanism to track student's involvement in various social Movements/activities which promote citizenship roles?

Enrollment of Students in 'Sapt dhara' programme initiated by government of Gujarat. Under the 'SAPT DHARA' various programme were organized which initiate students-involvement in social movements and citizenship roles. The different branches of this programme in which students are enrolled:

1. Samudayik seva dhara:

This Dhara focuses on the participation of students in NSS and NCC. The activities undertaken under this programmes involve students in various Social Movements like Save Girl Child, lecture on Traffic Rules, Pulse polio programme. Students also participate in activities dedicated to create Environmental Awareness. Regular celebration of the

Independence Day (15th August), the republic day (26th January), Sadbhavana day (20th August) also helps in promoting good citizenship role among Students.

2. Sarjanatmak Abhivvyakti dhara:-

Debate, elocution, essay writing competitions are organized to cultivate creative thinking and communication skills among the students.

3. Kalakaushalya dhara:-

Fine arts activities such as rangoli, collage making, poster competition are organized to bring out the drawing, painting and other creative skills among the students.

4. Vyaam, Yoga and Khelkud dhara:-

Students are facilitated to train themselves for participation in various Inter-college state-level sports events like kabbadi, volleyball etc.

5. Geet-sangeet and Nrutya dhara:-

Students actively participate in number of cultural activities like folk dance/song, classical dance/song etc.

6. Natya dhara:-

Students are exposed to various drama and their forms like One act play, Mime, Mimicry etc.

7. Gyan dhara:-

Students are encouraged to read books and lectures from various experts.

- Students of Nrutya dhara and Natya dhara together perform various role plays in the communities for generating awareness related to
 1. Save girl child
 2. Consumer rights
 3. Save forest trees
 4. AIDS awareness
- The Student's participation and involvement in the above activities are monitored by concerned in-charge teachers. Counseling is also done to facilitate the Students participation in various programmes and to sort out difficulties faced by them.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

For various workshops, activities and events, the feedback of the stakeholders were taken for assessing the overall performance:

- Students and parents of student (feedback forms are taken)
- In all the Pre-schools and schools, the college faculty gets the feedback of the performance of girls doing internship in various schools of Anand.
- In all the workshops organized by the college feedback from stakeholders were taken to assess their perception about the workshop for the improvements in forthcoming events.
- Exhibitions or open house – feed back from visitors are taken.

- The college arranges discussion meeting with various government as well as nongovernment organizations and invites their opinions about the performance and quality of the college. The college also solicits their suggestions for further improvement.

3.6.4 How does the institution plan and organize its extension and outreach programmes?

Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Extension and outreach programmes are arranged under the umbrella of NSS, Departments and Students as per the requirement of the subjects for e.g. Programme for Rural and Urban Development.

Departmental Activities:

- Various talks were arranged on Selection and care of equipments with reference to conservation of energy at Community Science Centre, V.V.Nagar.
- Role Plays are performed by students on various topics of social relevance.
- Combination of embroidery and painting as an income generating activity was demonstrated for Anganwadi workers by the students
- Demonstration and practical experience on tie and dye for the Anganwadi workers by the S.Y. & T. Y. students of Textile and Clothing.
- Volunteer for National level special Olympic by the Students of Human Development.
- Students taught fabric painting and doll making to the economical backward class women.
- Under consumer week celebration the FRM Students arranged various activities for anganwadi workers and Mahila Madals.
- Exhibitions cum demonstration : Exhibition on Consumer Awareness was organized in the department with the collaboration of Grahak Suraksha Mandal, Anand District,
- Exhibition to create awareness "valkal" work of the Diploma course in fashion design.
- Demonstration of Candle making, Flower making, Jewellery making to the villagers of Rasnol by FRM students
- Lecture cum Discussion on - Importance of child's health in early years to the parents of Zaverba Nursery and Surya Creche by the HD Department.
- Puppet Show on -Conservation of environment and Women empowerment, to the school children and B.Ed. and P.T.C. students by HD students.
- Activities in seven old age homes like preparation of rakhi making, card making, flower making, pooja thali making, together with activities like religious recreational and social development, at institutions of Dakor, Dharmaj, Borsad, Petlad, Dantali, Ahmedabad and Vadodara by the students of H.D.

- Students of HD department go to Anganwadis for their practical demonstration and community outreach programme on recipe making, paper folding, making best from waste etc. are carried out.

Extension activities: Subject: (Programme for Rural and Urban Development) Working with vulnerable Community in rural and urban area.

- In the Subject of Programme for Rural and Urban development third year students go to rural and slum communities and conduct extension activities on need –based topics.
- With help of various teaching methods ie. Role-play, Street play and teaching aid like poster, charts and play cards etc. community activities are carried out.

Budgetary Details:

Sr. No.	Extension/outreach activity		Budgetary allocation (In rupees)				
			2007-08	2008-09	2009-10	2010-11	2011-12
1	NSS:	NSS Special Camp	24000	30000	18000	31500	27000
		NSS Regular Activity	8000	17400	16000	30400	32000
2	Extension activity		1) A special budget is granted by UGC to college for extension activity 2) To the departments as per the need and priority of the extension activity and outreach programme, the budget is allocated.				

All the Extension and outreach activities conducted by the college under the umbrella of NSS/NCC/Departments enhance overall development of the students i.e. Physical, intellectual, emotional, social, language , moral, and personality development.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC, and other National/ International agencies?

- Each Department of the college organized various out reach activities for the benefit of the community at different times during the academic year.
- NSS unit of the college organizes various activities like one day camps, visit to old age homes, tree plantation, Medical and Blood donation camp, apart from celebration various days like Sadbhavana divas, Enviornment day etc.
- A NSS camp (one week) is organized in a selected village, the students along with NSS faculty stay in the village and conduct various programmes based on the needs of the community. The faculty members also visit the camp to share their expertise with the community.
- Under NCC, students attended various camps at State and National level. More over they also participated in various community projects.
- National agencies: JCI Club and Rotary club Round town- helped in ‘Thalassemia Camp’

- **International agencies:** Red cross society-organized blood donation Camp and Thalassemia Camp.

3.6.6 Give details on social surveys, research or extension work (if any) under taken by the college to ensure social justice and empower student from under privileged and vulnerable sections of society?

The college take proactive steps to promote higher education among the girls of under privileged and vulnerable section of society.

- Each teacher in the college is allotted 20 students for counseling. During this counseling process, student and teachers meet informally and needed help is extended.
- Also at the time of admission the college teachers provide necessary counseling to the parents and their ward regarding the subjects.
- The financial problems of parents are identified and help is provided in genuine cases. Voluntary agencies, donors etc are spotted during the year and help is taken from them if need arises.
- Teachers of the college have collected funds by donating 5000 Rs. each. This is used to benefit the under privileged students.
- Students are guided to stay in Hostels managed by the government where they are provided free lodging and boarding.
- Students are motivated earn while they learn.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they compliment students' academic learning experience and specify the values and skills inculcated.

The values and skills inculcated by participation in extension activities are:

- Entrepreneurship skills
- Social awareness for problems and issues of the society
- Empowerment
- Leadership
- Communication
- Confidence
- Planning ability
- Positive thinking
- Self expression
- Decision making
- Team-work

3.6.8 How does the institution ensured the involvement of community in its outreach activities and contributes to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

- For arranging NSS camp in the village we go to the Community leaders and they provide us place, electricity and other facilities for the NSS camp.
- During Navratri function and annual function, we invite the village leaders.
- During parents meeting, parents come to the college and interact with the faculty.

- We invite the leading persons from the community (Doctors, women activists, authors) to talk on topic of their expertise.
- Alumni meeting are organized every year.
- We involved JCI club for blood donation camp.
- College is involved in various activities of ICDS e.g. Mamta Abhiyan, exhibition etc.
- An active member of the community is in the IQAC of the college.
- All out reach activities in the community like recipe competition, consumer awareness, save the girl child, AIDS awareness, substance abuse are conducted by involving community leaders.
- Entrepreneurship activities are also organized by involving Community workers like the Anganwadi workers.
- Awareness regarding laws governing women were given by involving lawyers.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

- Indian Red Cross Society arranges Blood donation Camps regularly every year under NSS.
- JCI Club of Anand arranges lectures by experts on issues like Stress and Anger management, Body language, Leadership etc.
- Rotary Club of Anand sponsors various events in the college and provides various amenities in the college like giving mosquito nets to supporting staff.
- Karamsad Medial College arranged a Dental check up camp and lectures by resource persons on health related issues for the students, Red-ribbon club- organizes workshop on AIDS awareness,
- General Medical check up camp for the students is arranged by G. H. Patel Ayurvedic College, New V. V. Nagar
- Jagrut Mahil Sanghathan helps in student placement and advocacy.
- Inner wheel Club Anand round town sponsors various events organized by the college.
- Anupam Mission Mogri helps in student placement and advocacy
- Natubhai V Patel College of Pure & Applied Sciences has number of subject experts which are called upon for various related subjects and their lab facilities are also availed of when needed.
- Way-made College of Education arranged workshop on enhancing communication skill in English for the faculty.
- Knowledge Consortium of Gujarat acted as sponsor for organizing various capability building workshop and training programmes.
- Swarnim Gujarat was celebrated organizing number of activities in the grant given by the state for Swarnim Gujarat.

3.6.10 Give details of awards received by the institution for extension activities and/ contribution to the social/community development during the last four years.

- Trophy from Indian Red Cross Society for blood donation activities.
- A wall clock was gifted by Rasnol village to the college under NSS Camp

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes an industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarship etc.

Collaborative research were carried out as following :

- Project in Vrajbhoomi on the assessment of nutritional status in school going children's based on the assessment.
- Various input were provided to the school management and parents (29th to 31st Aug.07)
- PMIC (Programme Monitoring & Implementation Committee) with collector of Anand CDMO (Chief District Medical Officer) and Food vendors to monitor the safety and hygiene of the food vendors of Anand.
- Department of Foods & Nutrition has taken a collaborative research project with Nutrition Task force, Anand district, DDO on- "Prevalance of malnutrition in Anand district in selected anganwadis on "A March towards Red to Green Zone" (2010-11)
- BMI measurement Camp in collaboration with Nestle India Ltd. On Height & weight measurement for CVM faculties & college students. (04/09/10)
- Standardisation of cookies & shakkarpara with the use of Ragi, Drumstik leaves, ashwagandha for tribal children in collaboration with forest department of Baroda district. (21/09/09)
- Standardisation of recipes for Mid Day Meal programmes for supervisors. (2007-08).
- Bone Mass Density camp for college staff and students (Aug. 2011)

Staff exchange : NA

(Because our is the UG College)

Sharing facilities & equipments :

Students from P. G. courses of Home Science and Faculty from various colleges avail of the facilities and equipments.

Research Scholarship : NA

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

- MoU's have done with IGNOU and with ICDS.
- MoU's by Ministry of Health & Family welfare, GOI, New Delhi for capacity building project on street foods.
- Teachers are invited as guest lecturers at GAU, Helping in framing of syllabus in Anand Agriculture university, Board member of Anandalaya School, NDDB and Board member of community polytechnic.

3.7.3 Give details (if any) on the industry-institution-community interaction that have contributed to the establishment/creation/up-gradation of

academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories/library/new technology/placement services etc.

Infrastructure facilities under :

IGNOU : Almira - 01 No.
Table - 01 No.
Book rack - 01 No.
Chair - 01 No.

Capacity building project on Food vendors :

Computer - 01 No
Printer - 01 No.
Laptop - 01 No.
Executive chair 03No.
Computer table 01 No.
Almira - 02 No.
Filing Cabinet-01 No.

DELL/SCOPE :

Computers from BAOU (Baba Saheb Ambedkar open University)
25 No.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Name of the Eminent Scientist/Participants:

1. K. Rathnam (G.M. of Amul)
(Talk on job prospects in food sectors & latest food laws.) (16th Jan. 12)
2. Dr. Umesh Kapil (Head, Dept. of pediatric, AIMS) – Delhi (27th Feb.10) (Talk at National Seminar organized by HD and FN Department on Health of the Female child issues, concerns and challenges) 26-27 Feb.2010
3. Mr. Ajitbhai Patel (25th Aug 08)
(Effects of colours in different media)
4. Dr. Hemangini Gandhi (12th & 13th Dec.2011)
(workshop on – “Creating Research Culture in Home Science.”)
5. Mr. Param Pathak (12th Jan. 10)
(Lecturer on “Swami Vivekanand” – on Yuva Diwas)
6. Dr. Navneet Chauhan (04th Aug.’09)
(Workshop on Samved – Effective dialogue, body movement etc.)
7. Dr. Manisha Shukul (FRM Dept. of M.S.U.) (12th & 13th De.’11)
(work shop on – “Creating Research Culture in Home scienc”)
8. Dr. Madhu Sharan (Dept. of Textile & Clothing-12-13th De2011)
9. Dr. Bakul Bakshi (13th Jan’12)
(Talk on – “Motivation”)
10. Dr. Purna Mohite (Ex.Dean)(FSCS Dept. of M.S.U.)
(Workshop on – “Emerging professional trends in Home science” – on 16th Jan’ 12)
11. Mr. B. Balkrishnan
(Retd. Head, Dept. of Textile & Clothing-8th Feb’11)

12. Dr. Sulbha Natraj (principal- Waymade college of Education – 8th March'11)
13. Prof. Lekhia (Department of Education, Sardar Patel University, Vallabh Vidyanagar-13th Dec.'11)
14. Dr. Vinayak Patel (Head, P.G. Dept. of Home Science, V.V.Nagar on 24th sep.2007)
15. Dr. Shagufa Kapadia (Head HDFS, M.S.U., Vadodara)
16. Dr. R. P. Jadeja, (Director, H. M. Patel Institute of English Training and Research)
17. Dr. Prof. H. R. Jani (21st Aug, 2012 to 25th Aug, 2012)
(Workshop on - Application of Statistics in Promotion of Research Quality in Home Science)
18. Dr. Darshana Dave (21st to 25th Aug. 12)
(workshop on “Application of statistics in Promotion of Research Quality in Home Science)

National & International conferences organized by the college during last five years:

- One-day state level symposium on “Recent advances on antioxidant research.” (24th Sep.' 07)
- The college Organised UGC sponsored National Seminar on – “Health of the Female Child-Issues, Concerns & Challenges” (26th & 27th Feb '10)
- The college organised colloquium on “Post modern women what lies ahead. (8th March '10)
- Along with knowledge consortium of Gujarat, arranged a training programme for capacity building for teachers of Home Science Colleges” of Gujarat state from 12th to 17th March'2012.

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

MoU's with IGNOU, ICDS, Ministry of Health & Family welfare, GOI New Delhi.

Curriculum development/Enrichment

- IGNOU helps in enhancing knowledge in faculties through counseling and guiding the students for dissertation thus, develop research skills.
- Working with IGNOU it helps in improving our syllabus.
- Due to IGNOU placement & training, Gopi group, Ahmedabad provides placement to the students at various hospitals as a dietician.
- Capacity building project on street food helped us in enriching of our courses like; food service management, Institutional food service management, & Hospitality management. in producing films and associating with Government functionaries.
- Anganwadi workers training centre helps to give a variety of practical experiences to the students.

Internship/On-the-job training

- Internship to the IGNOU students at various hospitals.
- On the job training at industries & Hospitals and Government and non Government organization, the students of Food science & quality control and Final year students of Food & Nutrition and Human development department.
- Sports Nutrition students are sent for internship in Savitaba activity Centre, Karamsad Medical College.

Summer placement

- Foods & Nutrition and food science & quality control students go for summer placements in hospitals if they desire.

Faculty exchange and professional development : N.A.**Research :**

- Research work in IGNOU as part of dissertation.
- Food vendors research on safety & hygiene since this project was a part of National project. So, workshop on implementation of research were conducted by the Ministry of Health & Family Welfare.

Consultancy :

- Consultancy were provided to the food vendors related to obtaining licence, Larry designing, Sanitation and Hygeine.

Extension :

- Given training to the food vendors by develop training modules for food vendors.
- Demonstrations of Income generating activities and low cost nutritious recipes to the Anganwadi workers.

Publications:

Dr. Nidhi Gupta in Asian Journal of Home science (International) ISSN: 0973-4732, Vol. 6(2) Dec-2011 PP2184-189 on “Knowledge Assessment & Practices related to Food Safety & Hygiene of street foods.”

H. Individual Student Placement (Year : 2008-09)

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Seema Gahlot	Zaverba Lab. Nursery School S.M.Patel College Of Home Science	Nursery School Teacher
2	Mahima Tapdia	Anand Agriculture University	Research Associate
3	Chaitali Trivedi	English Medium School, Ode	Primary School Teacher
4	Ramila Vankar	English Medium School, Ode	N.S. Teacher
5	Janki Vataliya	Arts, Commerce, Science College, Borsad	Fashion Designer Teacher in COPE
6	Pankita Kansara	Gym-Laksh, Anand	Nutrition Consultant

Sr. No.	Name of the Student	Name of the Institute	Designation
7	Prapti Parikh	Workhard Hospital, Bhavnagar	Dietician
8	Arpita Vishvkarma	Adhoc Teacher, S.M.Patel Col. of Home Science	Adhoc teacher (in college)
9	Sonal Talsaniya	Axis Band, Anand	
10	Shital Muniya	Dental Clinic, A.V. Road, Anand	Receptionist
11	Harbinder Kaur	P.G. Department Of Home Science, V.V. Nagar	Research Assistant
12	Vanita Sanjanani	NIFD-Nadiad	Teacher
13	Ranjit Kaur	Project Fellow	Women's Study Centre, S.P.Uni., V.V.Nagar
14	Jigna Shah Gjnjan P. Patel Aarti Shah	Entrepreneur	Self employed as Jewellery Designef, Garment Designer & made-to-order garments.
15	Rina Patel	Entrepreneur	Self employed fitness centre

Human Development (Year : 2009 – 10)

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Arehana	Anandalay Pre primary section	Pre primary school teacher
2	Shefali	V.C. Patel English Teaching School	Primary School Teacher
3	Janki Gadhavi	V.C. Patel English Teaching School	Primary School Teacher
4	Virali Shah	Alap-E-Kids	Teacher
5	Kinnari Patel	Pinto's Pre Primary School	Teacher
6	Khyati Patel	Vir Vitthal ETS School, Karamsad	Teacher
7	Nancy Balochia	Arts, Commerce College, Borsad	Fashion Designer

Foods & Nutrition

8	Chiravi Patel	Savitaba Activity Centre, Karamsad	Dietician
9	Priyal Patel	Savitaba Activity Centre, Karamsad	Dietician
10	Pankita Kansara	Laksh Fitness Centre, Anand	Dietician
11	Garishma shah	Laksh Gym, Anand	Dietician

Textiles and Clothing

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Ms. Harbinder Kaur	Contract Lecturer	Home Science College, Sardar Krushi Vidyapeeth, Gujarat Agricultural Uni., Dantiwada, Palanpur

Sr. No.	Name of the Student	Name of the Institute	Designation
2	Ms. Arpita Vishwakarma	Research Project Fellow	P.G. Department of Home Science Sardar Patel University, V.V. Nagar
3	Ms. Janki Vatalia	Encouraged as Entrepreneur on garment design	Vallabh vidyanagar
4	Ms. Jigna Shah	Encouraged as Entrepreneur on garment design and manufacture.	Vallabh Vidyanagar

Textiles and Clothing (Year : 2010 – 11)

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Ms. Hardika Patel	Faculty	Aide-et-action as NGO, Bhuj.
2	Ms. Yamini Chaudhary	Instructor	ITI Himmatnagar, Gujarat
3	Ms. Dipika Macwan		
4	Ms. Arpita Vishwakarma	Visiting faculty add-on for course in fashion design	S. M. Patel College of Home Science
5	Ms. Harbinder Kaur	Faculty	Apparel & Leather Traning Centre, Appareal Park, Hatkeshwar Ahmedabad

Human Development

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Ms. Jigisha Patel	Teacher, Zaverba Nursery School	S. M. Patel College of Home Science
2	Ms. Ankita Panchal	Teacher, Zaverba Nursery School	S. M. Patel College of Home Science
3	Ms. Kiran Joshi	Teacher, Vrajbhoomi School, Mogar	S. M. Patel College of Home Science
4	Hemali Trivedi	Lecturer, Dept. of Human Development	P. G. Department of Home Science, S.P.University
5	Ms. Hetal Parmar	Teacher	V. & C. Patel School, V.V. Nagar
6	Ms. Shital Gajjar	Supervisor	Preschool at U.K. England
7	Nikita Patel and Dixita Patel	Entrepreneur	Residence Anand
8	Ms. Nehal Patel	Teacher	Gyanoday Brahmjyot, Anupam Mission, Mogri

Sr. No.	Name of the Student	Name of the Institute	Designation
9	Ms. Palak Bhatt	Counsellor	Shri Krishna Hospital, Karamsad
10	Ms. Dimpal Patel	Teacher	Gyan Yagna Annopam Mission

Family Resource Management

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Ms. Jalpa S. Barot	Computer Operator	LIC Collection Centre, Mota Bazar, V.V. Nagar
2	Ms. Shivangini	Project Manager	Industry Leader Magazine, Ahmedabad.

Twinning programmes: Nil

3.7.6 Detail on the systemic effort of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

- Faculty members sharing their knowledge and expertise with Anganwadi workers.
- During planning of various events like; National Nutrition week celebration, International Breast feeding week celebration, Balwadi day celebration were planned in collaboration with other agencies like JCI club, Innerwheel club, Lions club, ICDS programme officers etc.
- Wherever Central Govt./State Govt./Local bodies approaches for any projects or research work our faculties actively participate in planning and execution of the given programmes.
- Consumer week is celebrated in collaboration with Grahak Suraksha Mandal and Department of Standard weights and measures.
- “Vidyog” collaborated with industrial association of V.U. Nagar.
- Collaborated with Karamsad Medical College.
- All the Welfare centres working for women, children and elderlys.
- The faculty members have attended/participated in various workshop and seminars namely :

WORKSHOP AND SEMINARS ATTENDED: (2007 – 2012) AND PARTICIPATED
Year 2007-2008

S. No	Programmes Attended/Training	Name of Faculty	Date	Organized by
1.	Management for Heads of CVM Institution	Principal	10-11 March'07	Indian Insti.of Mgt. Ahmedabad.
2.	U.G.C. Sponsored State level Conference on Developing skills in Teachers for sensitizing students for women empowerment	- Rekha Emanuel (Chaired a Session) - Dr. Bhanu Patel (Presented paper on Enhancing teachers sensitivity on women's education) - Paresha Patel - Dr. Sharda Joshi (Presented a paper 'Women empowerment H.Sc. Education')	22-23 Feb'07	SPT.Mohila College Surat.
3.	Workshop on life divine	-Dr.Bhanu Patel	15-19 Sept'07	Shri .Arvind Chair, S.P.Uni, V.V.Nagar
4.	International Conference Advantage India Textile & Apparel.	- Dr. Bhanu Patel - Ms. Amita Patel - Ms. Alpana Shah	5-6 Jan'08	Tex.Asso. of India, Ahmedabad
5.	State Level workshop-Early Identification and prevention of disability And its complication	- Ms. Amita Patel	12 July'07	Health & Welfare Dept & Handicapped International, Anand
6.	U.G.C.Sponcered National Seminar on Rights to Information & Consumer protector in India	-Dr. Devika Thakker -Ms. Sushma Barot -Ms. Kalpana Srivastava -Dr. Nidhi Gupta	6-7 Dec'07	G.H.Patel Institute of Business Management, V.V.Nagar
7.	Sustainamle development and Environmental Responsibility	-Dr. Devika Thakker	1-2 Feb'08	Faculty of Family and community & M.S.Uni., Baroda
8.	Workshop on Research Methodology for Hospitality & Tourism.	-Dr.Devika Thakker -Ms.Kalpana Srivastava	27-28 Jan'08	C.Z.Patel Coll.of Business Mgt. to V.V.Nagar
9.	Workshop on Research Methodology	-Ms.Alpana Shah -Ms.Bhavna Chauhan -Dr.Nidhi Gupta	11-12 Jan'08	P.G.Dept.of Business Administration & G.H.Patel of Business studies, V.V.Nagar
10.	National Seminar on Education	-Ms.Bhavna Chauhan (Presented a Paper on Sports Nutrition	3 rd Nov'07	Way Made College Of Edu.& S.S.Patel College of Physical Edu. V.V.Nagar
11.	National Conference on Human Development Research.	-Dr.Sharda Joshi [Presented a paper "Social maturity of urban & Rural] Children in relation to Mother anxiety & Occupational status.	12-13 Dec'07	Nirmala Nikeetan College, Mumbai.

12.	Indian Constitution & Human rights.	Dr.Sharda Joshi Presented a paper 'Rights of the child'	5 th Jan'08	Arts,Commerce and Science College Borsad, Gujarat.
13.	International workshop on Antioxidants	-Ms.Bhavana Chauhan -Ms.Shazia Sharma -Ms.Vijaya Agrval	14 to 16 Feb 08	Jaipur
14.	New Horizons in Geological Science	-Ms.Krishna Narayan -Ms.Minal Chauhan	23 Sept 07	N.V.Patel College of Pure & Applied sciences Gujarat State Bio technology mission. Gandhinagar
15.	Recent advances in antioxidants research state level symposium	-Ms.Krishana Narayan -Ms.Trusha Lad	24 Sept 07	Dept of Foods & Nutrition S.M.Patel College of Home science. V.V.Nagar
16.	Role of Lecturers in Preservation of Environment	-Ms.Krishna Narayan	19- 20 April'07	Gujarat State
17.	Refresher Course	-Ms.Trusha Lad	4 – 24 Feb'08	Academic staff college,Ahmedabad
18.	Designing syllabus at P.G.Level	-Ms.Rohini Pathak	5 Sept 07	Dept of English, S.P.Uni., V.V.Nagar
19.	International meet on Contemporary & translation	-Ms.Rohini Pathak	25 – 26 January	H.M.Patel institute Of English training & research, V.V.Nagar
20.	27 th Binneial Conference on Expanding horizons for professionals in family & community science	-Ms.Tejal Goswami	27 – 29 Dec'07	Home Science association Jabalpur
21.	Training Programme to UGC Soul Soft Ware	-Mr.Ishwarbhai Patel	23 – 27 April'08	Chapra Ahmedabad

Year 2008-2009

Sr. No.	Name of the Faculty	Seminars / Workshop / Training programme /Conferences attended	Date	Title of the paper presented
1	Prin.Rekha Emanuel	Karma Yogi Talim Shibir at Ganpath University, organized by Commissionarate of Higher Education, Gandhinagar.	5 th to 7 th July-2008	----
2	Prin.Rekha Emanuel	District Coordinator 'Swarnim Gujarat elebration'		----
3	Prin.Rekha Emanuel	Karma Yogi Talim Shibir at Gandhinagar	25 th to 27 th July- 2008	
4	Prin.Rekha Emanuel & Dr.Bhanu Patel	Seminar on "Integral Education by Shree Aurobindo Chair, S.P.University, V.V.Nagar.	1 st March- 2009	Reakha Emanuel –Home Science as a field of Education.
5	Prin.Rekha Emanuel	National Symposium on "Human Development and Family Studies"	9 th to 11 th Feb.-	----

		Taking Stock and Moving forward".	2009	
6	Dr. Bhanu Patel Dr. Amita Patel Ms. Alpana Shah	National Symposium "Revitalization of indigeneous skills for dignified existence". University Amravati.	19 th & 20 th Feb.- 2009	Dr.Bhanu Patel i) Revival of traditional mashru textiles of Patan (Western outfits for Adolescent Girls) ii) Banaras textiles – an application on contemporary dress style. Dr.Amita Patel i) Kholaru – An insight of Home of Tribes of Dahod district. ii) Alpana Shah Jari – Cottage insudtry of Surat.
7	Ms.Paresha Patel Dr.Sharda Joshi	National Seminar on "Early Childhood Education: Contemporary issues and challenges". Organised by College of Home Science, Hyderabad.	25 th & 26 th Nov.- 2008	-Ms.Paresha Patel "Competences and skills of Anganwadi workers in relation to early childhood education." -Dr.Sharda Joshi "Assessment of training needs of Early Childhood Education teachers".
8	Ms.Paresha Patel Ms.Shital Gajjar Ms.Mittal Barot	U.G.C. sponsored workshop on "Personality Development" organised by Dept. of Psychology, Sardar Patel University.	9 th to 11 th Oct.- 2008	----
9	Dr.Amitaben Patel	- Seminar on "Strategies to empower women" at Department of Sociology, S.P.University, V.V.Nagar.	9-3-2008	----
10	Dr.Amitaben Patel	State level seminar on "Social problems" at N.S.Patel College, Dept. of Social Work.	6-9-2008	
11	Dr.Amitaben Patel	Seminar on "Sociology of Crime and Deviance". Organised by Indian Sociological Society & P.G.Dept. of Sociology, S.P.University.	29 th & 30 th Nov.- 2008	
12	Dr.Amitaben Patel	National Seminar on "Potential, Practices and Paradigm shift in professional social work". M.S.W.Dept. N.S.Patel College.	17 th & 18 th Jan.- 2008	
13	Dr.Amitaben Patel	U.G.C. sponsored National Seminar on "Human Rights". Dept. of Sociology, S.P.University, V.V.Nagar.	8 th Feb.2009	
14	Dr.Amitaben Patel	U.G.C. sponsored National Seminar on "Social Transformation Through Diaspora". P.G.Dept. of Sociology and Centre for Indian Diaspora.	29 th March 2009	
15	Dr.Devika Thakkar	International Ergonomics Conference "Humanizing work & work environment" at Vishwakarma Institute of Technology, Pune.	22 nd to 24 th Dec.- 2008	"Work Assessment in unorganized sector and developing guideline for Hazard firework."
16	Dr.Devika Thakkar	State level seminar on "Current	20 th	----

	Ms.Krishna Narain Ms.Trusha Lad Ms.Minal Chauhan Ms.Tanvi Makwana Ms.Tejal Goswami Ms.Harshita Tandel Ms.Malvika Patel	Trends in Environmental Sciences". Organized by N.V.Patel College of Pure and Applied Sciences, V.V.Nagar.	Sept.-2008	
17	Dr.Devika Thakkar Ms.Sonal Patel	Workshop on "Flower Making and Preparation of accessories".	26 th & 27 th Sept.-2008	----
18	Ms.Alpana Shah	U.G.C. sponsored Workshop on "Weave, notation & Pegplans". Organized by faculty of Family & Community Science, M.S.University, Baroda.	9 th & 10 th Jan.-2009	----
19	Ms.Alpana Shah Mr.Yogesh Vadwala Ms.Kalpana Srivastava (Resource Person)	Workshop for Master trainers on "Knowledge Management Programme" for faculty at H. M. Patel Institute.	23 rd to 30 th Jan.-2009	----
20	Ms.Sushma Batra Ms.Kalpana Srivastava Ms.Padmaja Puppala Ms.Rohini Pathak Dr.Nidhi Gupta	State level U.G.C. sponsored seminar "Managing Business Communication in the Knowledge Era". Organized by C.P.Patel & F.H.Shah Commerce College, Anand.	4 th Feb.-2009	----
21	Ms.Sushma Batra Dr.Nidhi Gupta	U.G.C. sponsored National seminar "Understanding the Indian Consumer" at G.H.Patel Institute of Business Management, V.V.Nagar.	20 th & 21 st Feb.-2009	----
22	Ms.Bhavana Chauhan	International conference on "Free Radicals & Natural Products in Health." Organised at Jaipur.	14 th to 16 th Feb.-2009	----
23	Ms.Bhavana Chauhan Ms.Shazia Sharma	Workshop on Soya products organized by American Soya association in Hyderabad.	14 th to 17 th July-2008	----
24	Ms.Shazia Sharma	International Conference on utilization of Soya Proteins at Bhopal.	10 th to 14 th Dec.-2008	----
25	Ms.Bhavana Chauhan	Presented a paper at a national level seminar on "Education Physical education & yoga in the knowledge era direct issues & concerns".	2 nd & 3 rd Nov.-2008	"Importance of Nutrition in Sports".
26	Ms.Bhavana Chauhan Ms.Shazia Sharma Ms.Vijaya Agarwal	National seminar on "Research in Physical Education & Sports and their relationship with allied sciences and technology in the modern era". Organised by S.S.Patel College of Physical Education.	19 th & 20 th Dec.-2008	Ms.Bhavana Chauhan presented paper "Importance of Nutrition in Exercise".

27	Ms.Bhavana Chauhan Ms.Vijaya Agarwal Ms.Tanvi Makwana Ms.Harshita Tandel	Conference cum workshop "Promoting Nutrition in Health & Development". Organized under the U.G.C. –DSA Foods & Nutrition Dept. M.S.University, Vadodara.	9 th Jan.- 2009	----
28	Ms.Vijaya Agarwal	- Workshop "Effects of Nutritional Status & Anemia on attainment of Menarche". - U.G.C. National Seminar on Current problems of obesity in India" Organized by Arts, Commerce & Home Science College at Upleta, Rajkot.	10 th Jan.- 2009	"Fast Food consumption of Adolescents of urban Anand".
29	Dr.Sharda Joshi	- National Seminar on "Healthy adolescence Girl – reflection of a Healthy Society". Organized by Govt. Girls College at Bhopal - Seminar on "Women Empowerment", Dept. of Sociology. -Workshop on Methods of English teaching at Arts & Commerce College, Sc. College, Borsad.	3 rd & 4 th Oct.- 2008 9 th March 2008 5 th July 2008	- "Healthy rural Adolescent girls through Education of Home Science". "Empowering strategies".
30	Ms. Krishna Narain	National Conference on "Tax among teaching & research relevance in National context". Organized by R.K. Parikh Arts & Science College, Petlad.	27 th Sept. 2008	----
31	Ms.Trusha Lad	National Seminar on "Emerging trends in Chemical Science research". Organized by Dept. of Chemistry, S.P.University. -State Level Seminar on "Current Trends in Environmental Sciences".	20 th & 21 st Jan.2009 26 th Sept. 2008	----
32	Ms.Rohini Pathak	-National Seminar on "Ideology of Community culture in India after 1970". Dept. of English, S. P. University.	18 th & 19 th Feb.- 2008	----
33	Ms.Rohini Pathak	-National Conference on "Technology of ELT". Organized by Dept. of English, Education Campus, Changa. -State level Workshop on "Using Moodle for learning Management". -National Seminar on "Global Village – Society, Culture & Literature". -International Conference & Workshop on "Translation" on H.M.Patel Inst. Of English Training & Research. -State level Seminar on "Managing Business Communication in the	29 th & 30 th Jan.- 2009 21 st & 22 nd Aug.- 2008 7 th & 8 th Dec.- 2008 9 th to 11 th Jan.-2009 4 th Feb.- 2009	

		knowledge Era". C.P.Patel Commerce College.		
34	Ms.Mittal Barot	Workshop to develop an Action plan for Tobacco de-addiction & cancer prevention in school of Anand district. - Seminar on "Female Foieticide".	15 th Feb.- 2008 15 Feb.- 2008	----
35	Ms.Tejal Goswami	Presented paper on "Assessment and sensory evaluation of enrich product prepared from Goat's milk, egg white and bengal gram flour and its therapeutic uses" in State level Symposium: "Current trends and issues in Home Science" held at Rajkot, Sponsored by U.G.C.	1 st Feb.- 2009	----
36	Ms.Kalpana Srivastava	Attended refresher course in "Environmental Studies" in Gujarat University, Awarded 'A' grade.	9 th Feb. to 1 st March 2009	----

Year 2009-2010

Sr. No.	Name of the Faculty	Details: Seminar/Workshop/Training programme/Conference attended/ intend to attend	Dates	Type of papers presented
1	Ms.Rekha Emanuel Dr.Bhanu Patel Ms.Paresha Patel Dr.Devika Thakker Ms.Alpana Shah Ms.Sushma Batra Ms.Bhavna Chauhan Mr.Yogesh Vadwala	Attended workshop at C.D.C. on "Responsible terachers, Inspiring leaders". By Guruji.	22-08-09 & 05-09-09	-----
2	Ms.Rekha Emanuel	Participated in Capacity building and Managerial Excellence workshop for Principals at SPIPA, Sardar Patel Institute of Public Administration.	14th & 18th Dec.09	
3	Ms.Rekha Emanuel	Attended seminar by Shri Aurobindo Chair, S. P. University on Integral Education.	01-03-09	
4	Ms.Rekha Emanuel	Workshop on C.B.C.S. at IGNOU – New Delhi.	22nd & 23rd Jan.2010	
5	Dr.Bhanu Patel Ms.Paresha Patel	A day long Workshop on "Choice based credit system by I.G.A. Cell and Exam Reform Unit, S. P. University, V.V.Nagar	22-01-10	
6	Ms.Paresha Patel Ms.Mittal Barot	One day seminar, Red Ribbon Club Advocacy. Gujarat State Aids Control Society, Karamsad, Pramukh Swami Medical College.	3rd Feb.2009	
7	Ms.Paresha Patel Ms.Mittal Barot	Workshop on Creative material production for the women of the	19-02-10	Creative Puppet making with demonstration of play

		deprived community.		and making of puppets.
8	Dr.Devika Thakkar	International Workshop and Conference on “Humanizing Work and Work Environment” at University of Calcutta. Organized by Department of Physiology and U.G.C. Academic Staff College.	16th to 20th Dec.2009	
9	Dr.Devika Thakkar Ms.Kalpana Srivastava	Attended National Seminar on Modern Home Décor at Valsad.	24th & 25th Jan.2010	“Awareness creating on waste material for decoration purpose, Poster presentation on “Floor Decoration”.
10	Ms.Alpana Shah Ms.Sushma Batra	Training programme on trainers of placement cell of various colleges at N.S.Patel Arts College, Anand.	Aug.2009	
11	Ms.Alpana Shah Dr.Nidhi Gupta Mr.Yogesh Vadwala	Workshop on “Textile Printing and Painting: Technologies for enhancing Entrepreneurship skills in women” at P.G. Department of Home Science, S.P. University, V.V.Nagar.	23rd & 24th Feb.2010	
12	Ms.Bhavana Chauhan Ms.Shazia Sharma Ms.Vijaya Agarwal Ms.Minal Chauhan Ms.Harshita Tandel Ms.Malvika Patel	Attended National Seminar on “Novel dairy and food products for the future at S. M. C. College of Dairy Science.	19th & 20th Sept.2009	
13	Ms.Bhavana Chauhan	Attended an International conference on “Fermented Foods health status of social well being”.	11th & 12th Dec.09	
14	Ms.Bhavana Chauhan Ms.Krishna Narain	Attended National Seminar on “New Frontiers in Life Sciences”. Organized by Department of Biological Sciences and Environmental Sciences, N.V.P.A.S., V.V.Nagar.	19th Dec. 2009	
15	Mr.Yogesh Vadwala	Oral presentation on the “Application of natural dyes from the waste leaves of Terminalia catappa (Tropical Almond) on Pre and Post tested fabric” in International Conference on Environmental issues in emerging and advanced economies: Canada, India.	6th to 8th Dec.2009	
16	Dr.Sharda Joshi	National Conference on “Women’s Development Cell- Gujarat University, Ahmedabad.	30th -31st Jan.2010	Participated.
17	Dr.Sharda Joshi	National Seminar on “Health of the female child – Issues, Concerns, Challenges”.	26th-27th Feb.2010	A Study of mother’s anxiety in relation to sex of a child.
18	Ms.Trusha Lad	Participated in Certificate Course on Pronunciation and Fluency in English.	18th Aug. to 17th Sept. 2009	
19	Ms.Shazia Sharma	Participated in International	23rd to	

	Ms.Vijaya Agarwal	Workshop on “Micronutrients and Child Health” at AIIMS, New Delhi.	26th Nov.2009	
20	Ms.Shazia Sharma Ms.Tejal Goswami Ms.Minal Chauhan	U.G.C. sponsored National Seminar on “Role of Home Science in social well being” at Rajkot.	7th Feb.10 7th Feb.10	Nutritional Status of rural girls of Sojitra village. Effect of Fluoride on the bone lipid content & Hb levels of weaning rats maintained at different levels of Dietary protein.
21	Ms.Rohini Pathak	-Attended U.G.C. sponsored one day State level seminar on “Managing Business Communication in the Knowledge Era” at C.P. Commerce College, Anand. - One day Orientation workshop on various initiatives related with Quality improvement in Higher Education at Mahila Arts College, Nadiad. - Attended DELL Coordinator training programme at H.M. Patel Institute of English Training & Research Centre.	04-02-09 10-12-09 20th to 23rd July 2009	
22	Ms.Mittal Barot	State level Seminar on “Education for peace”.	21-11-09	“Education for peace and teacher”.
23	Ms.Mittal Barot	National Seminar on “Health of the female child – Issues, Concerns, Challenges”.	26th to 27th Feb.2010	“Fast food consumption pattern among 9 to 14 years old school girl children in V.V.Nagar”.

Year 2010-2011

Sr. No.	Name of the Faculty	Details: Seminar/Workshop/Training programme/Conference attended/intend to attend	Dates	Type of papers presented
1	Ms.Rekha Emanuel	- Attended a two days workshop on 'Mission Mode Implementation' organised at IMA, Ahmedabad. - Attended International Conference on Themes of Higher Education Prospects of Gujarat.	Dec.- 2010 26th & 27th Nov.2010	
2	Ms.Rekha Emanuel Ms.Bhavna Chauhan	Participated in U.G.C. sponsored seminar on 'Role of Home Science in Social Wellbeing' organised by Smt. S. B. Gardi Institute of Home Science at Rajkot.	7th Feb.- 2010	Key note Speaker
3	Ms.Rekha Emanuel Ms.Paresha Patel Ms.Bhavna Chauhan Ms.Shazia Sharma Ms.Trusha Lad	Attended one day seminar on 'Role of Home Scientist in eradicating Malnutrition from the State' organised by Ministry of Child Welfare & Health at Gandhinagar.	21-12- 2010	
4	Ms.Paresha Patel Ms.Bhavna Chauhan Dr.Nidhi Gupta	Attended workshop on 'e-Content Development under NME-ICT' organised by IQAC, S.P. University and Knowledge Consortium of Gujarat.	21-8- 2010	

5	Ms.Paresha Patel Ms.Alpana Shah Ms.Sushma Batra Ms.Bhavna Chauhan	Participated in two days workshop on 'Active Learning Methodologies' organised by Knowledge Consortium of Gujarat at Ahmedabad.	4th & 5th Jan.2011	
6	Dr.Devika Thakkar	-Attended Capacity Building Workshop for lesson writers organised by Ministry of Health & Child Welfare at NIB Noida. -Participated in Capacity Building Training Programme at Ludhiana.	-7th to 10th Oct.-2010 -1st to 4th Dec.-2010	
7	Dr.Devika Thakkar Ms.Sushma Batra Ms.Kalpna Srivastava Ms.Sonal Patel	Attended one day State level Seminar on 'Rights of Consumer' organised by Grahak Suraksha Mandal and Civil Supplies at Town Hall, Anand.	24-12-2010	
8	Dr.Devika Thakkar Ms.Krishna Narain	Attended National Symposium on 'Sustainable Development - Issues and Concerns' organised by Deptt. of Biological and Environmental Science at NVPAS, V.V.Nagar.	22-1-2011	
9	Dr.Devika Thakkar	-Attended Review Workshop at Delhi.	10th & 11th Feb.-2011	Presented lesson on - -Family Income -Time and Energy Management
10	Ms.Alpana Shah	Participated in Workshop on 'Choice Based Credit System-CBCS' organised by S.P.University & KCG at V.V.Nagar.	23rd & 24th-April-2010	
11	Ms.Alpana Shah Ms.Sushma Batra Ms.Sharda Joshi	Attended one day Workshop on 'NME-ICT - The Gujarat Initiative for developing e-material' by Gujarat Government at A'bad.	7-6-2010	
12	Ms.Alpana Shah Ms.Sushma Batra Ms.Bhavna Chauhan	Participated in Workshop on 'Problems and Challenges in CBCS' organised by S.P. Uni.and Knowledge Consortium of Gujarat at V.V.Nagar.	24-3-2011	
13	Ms.Sushma Batra Ms.Kalpna Srivastava Ms.Padmaja Puppala	Attended one day Programme on 'Creating Awareness on Technological Development and utilization Programme for women' at M.S.University of Baroda, by Deptt. of Social Work.	4-2-2011	
14	Ms.Bhavna Chauhan Ms.Minal Chauhan	Participated in 'Creating Avenues of Contribution and Employment for Home Scientist in Gujarat Administrative and Civil Services' organised by ASPEE College of Home Science at S.D. Agriculture University, Dantiwada.	17-11-2010	
15	Ms.Bhavna Chauhan Ms.Shazia Sharma	Participated in International Conference on 'Molecular Medicine, metabolic Disorders & Mini symposium on Aging' at R.D.	13th & 14th Jan.-2011	Shazia Sharma-Poster Competition "National Evaluation and Antioxidant Evaluation of

		Patel Institute of Applied Sciences, Charusat University, Changa.		Genotypes of Soyabean".
16	Mr.Yogesh Vadwala	Attended Short term course on "Minor Research Project" organised by Academic Staff College, S.P.University, V.V.Nagar.	1st to 3rd July-2010	
17	Dr.Sharda Joshi	Participated in two days National Conference on "Women Development in the 21st Century" organised by the Women Development Cell of Gujarat University, Ahmedabad.	30th & 31st July- 2010	
18	Dr.Nidhi Gupta	Participated at National Seminar on 'Consumer Protection and Food Safety' at M.S.University of Baroda, Vadodara.	8th & 9th Oct.- 2010	"A Descriptive study on existing food safety practices among SFU of Ahmedabad, Gujarat.
19	Dr.Nidhi Gupta	"Problems of Adolescent Girls" organised by S.P. University, V.V.Nagar.	March- 2011	Mastering the Ceremony.
20	Ms.Shazia Sharma Ms.Vijaya Agarwal Ms.Harshita Tandel	Attended a State level Seminar on 'Role of Home Science in U.P.S.C. Exams' in Sardar Krishi University, Dantiwada.	17-11- 2010	
21	Ms.Vijaya Agarwal Ms.Tanvi Makwana Ms.Harshita Tandel Ms.Minal Chauhan	Attended Annual Conference on "Obesity" organised by IDA, in Ahmedabad.	18th & 19th March- 2011	
22	Ms.Harshita Tandel Ms.Sonal Patel	Attended National Service Scheme Training Programme for N.S.S. organised by Swami Vivekanand Institute of Mountaineering at Mount Abu.	24th & 25th July-2010	
23	Ms.Harshita Tandel	Participated in Red Ribbon Club Training Programme for advocacy for Aids sponsored by Gujarat State Aids Control Society at Shri Krishna Hospital, Karamsad.	6th to 9th Sept.- 2010	
24	Ms.Shital Gajjar	Attended a Seminar on 'Population Census 2011' organized by Department of Sociology, S.P.University, V.V.Nagar		
25	Ranjit D. Bhagora	Participated in one day Workshop on "Swarnim Chess Mahotsav / Khel Mahakumbh and Saptdhara" jointly organized by Knowledge Consortium of Gujarat, Gandhinagar and Sports Authority of Gujarat, Gandhinagar.	8-10- 2010	
26	Ranjit D. Bhagora	Participated in one day Workshop on "Effect of Swarnim Gujarat Khel Mahakumbh on Games and Sports Activities of Gujarat" organized by S.S. Patel College of Physical Education, V.V.Nagar.	5-2-2011	
27	All the Faculty Members	Organized and attended Colloquium on the "X factor,	8-3-2011	

		Empowerment of Post Modern Women - What lies ahead" Organized by S.M.Patel Patel College of Home Science with JCI Anand and Rotary & Inner Wheel Club Anand Round Town.		
--	--	--	--	--

Year 2011-2012

Sr. No.	Name of the Faculty	Details: Seminar/Workshop/Training programme/Conference attended/ intend to attend	Dates	Type of paper presented
1	Ms. Rekha Emanuel Ms. Rohini Pathak	Workshop on "Challenges as faced by SCOPE and Colleges and viable solutions". Under the chairmanship of Commissioner of Higher Education, Gandhinagar.	04-06-2011	----
2	Ms. Rekha Emanuel Ms. Alpana Shah	State level Workshop on "SANDHAN" Bisag by Knowledge Consortium of Gujarat, Government of Gujarat, Gandhinagar.	02-08-2011	Participated as District coordinator.
3	Ms. Rekha Emanuel	National Seminar on "Sardar Patel and Women Empowerment" organised by H. M. Patel Institute of English and Centre for Studies and Research on Life & Works of Sardar Vallabhbhai Patel.	10-03-2012 & 11-03-2012	Presented paper on Sardar Inspiration for Social Reforms concerning women.
4	Ms. Paresha Patel Ms. Alpana Shah Ms. Bhavana Chauhan	One day seminar by KCG on Performance Assessment of teachers at Sardar Patel University.	05-09-11	----
5	Dr. Devika \Thakker Mr. Yogesh Vadwala Ms. Krishna Narain Ms. Trusha Lad Ms. Padmaja Pupalla	National Seminar on New perspectives of Natural Sciences organized by N.V.P.A.S. V.V.Nagar.	07-01-12	----
6	Ms. Alpana Shah Ms. Sushma Batra Ms. Bhavana Chauhan	Workshop on Problems & Challenges in CBCS'.	24-03-11	----
7	Ms. Alpana Shah Ms. Sushma Batra Ms. Bhavana Chauhan Ms. Shazia Sharma Ms. Trusha Lad Ms. Minal Chauhan Ms. Tanvi Makwana	"Training and Capacity Building in Home Science" Knowledge Consortium of Gujarat, Department of Higher Education, Government of Gujarat.	12-03-12 to 17-03-12	As participants
8	Ms. Alpana Shah	Workshop on "SANDHAN" subject coordinators meet at Gujarat College, Ahmedabad, KGC, Department of Higher Education, Government of Gujarat.	18-08-11	----
9	Ms. Alpana Shah	Workshop of "State Subject Coordinators, "SANDHAN" for planning the term schedule, Gujarat College, Ahmedabad, KGC,	Nov.-2011	----

		Department of Higher Education, Government of Gujarat.		
10	Ms. Bhavana Chauhan Ms. Vijaya Agarwal Ms. Minal Chauhan Ms. Tanvi Makwana	National Conference of All India Association for 'Advance Research in Obesity' By AIAAROCON at Ahmedabad.	18-03-11 & 19-03-11	----
11	Ms. Bhavana Chauhan Ms. Shazia Sharma Ms. Vijaya Agarwal Ms. Minal Chauhan	National Conference of IYCNCN organized by Surat Pediatric Association & Surat Obstetric & Gynecological Society, supported by WHO, UNICEF, Government of India.	04-09-11	----
12	Ms. Bhavana Chauhan Ms. Shazia Sharma Ms. Vijaya Agarwal Ms. Minal Chauhan	State level Seminar on "New Horizon of Nutrition" organized by K. P. Patel College of Home Science, Anand.	15-09-11	As a Resource person
13	Ms. Bhavana Chauhan Ms. Vijaya Agarwal Ms. Shazia Sharma Ms. Trusha Lad Ms. Minal Chauhan	National Seminar on 'Functional foods: Managing Health in Modern Age.' Organized by P. G. Department of Home Science, Sardar Patel University, V. V. Nagar.	07-10-11 & 08-10-11	Presented a paper Presented a paper Attended Attended Presented a Poster
14	Ms. Bhavana Chauhan Ms. Shazia Sharma Ms. Vijaya Agarwal Mr. Yogesh Vadwala	State level Symposium on 'Innovations in Science' Sardar Patel University Research Scholars Meet, (ISSPURSM).	07-01-12 & 08-01-12	-Presented a paper -Paper presentation and received 3rd prize for best paper. -Paper presentation and awarded 2nd prize for best paper. -Presented a paper.
15	Ms. Sushma Batra	Workshop on Research Methodology: A March Towards Creating Research Culture. H. N. G. University, Patan in association with Association of Indian Universities, New Delhi & KGC, Gandhinagar.	21-11-11 to 24-11-11	----
16	Ms. Sushma Batra Dr. Nidhi Gupta Ms. Padmaja Puppala	National Seminar on 'Understanding the Indian Rural Consumer' at G. H. Patel Post Graduate Institute of Business Management.	17-02-12 & 18-02-12	Participated. Presented a paper. Presented a paper.
17	Mr. Yogesh Vadwala	"IT Champion training programme for non IT teachers" organized by Microsoft, Sakshat & Sardar Patel University.	25-05-11 to 04-06-11	----
18	Mr. Yogesh Vadwala Ms. Krishna Narain	One week training and Capacity Building Programme in Life Sciences, organized by Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat.	31-10-11 to 05-11-11	----
19	Mr. Yogesh Vadwala	4th International Congress of Environmental Research, SVNIT, Surat.	15-12-11 to 17-12-11	Presented a paper.

20	Ms. Nidhi Gupta Ms. Kalpana Srivastava	National Seminar on Environmental Issues, Concerns & Challenges. Faculty of Family and Community Sciences, M.S. University of Baroda.	24-01-12 & 25-01-12	Presented a paper. Presented a paper.
21	Ms. Kalpana Srivastava	International Programme for Ph.D. Scholars, ASC, V.V.Nagar International Congress of Environmental Research, SVNIT, Surat.	19-03-12 to 24-03-12 15-01-12	Presented a paper.
22	Ms. Shazia Sharma	International Conference organized on "Fermented Foods, Health Status and Social Well Being Challenges and Opportunities". Swedish South Asian Network for fermented foods and CFTRI, Mysore.	15-12-11 to 16-12-11	Presented a poster.
23	Ms. Krishna Narain	Physiological & Molecular interventions on sustainable crop productivity under changing climate conditions organized jointly by Indian Society for Plant Physiology (ISPP) Pusa, New Delhi and Medicinal and Aromatic Plants Association of India (MAPAI), Boriavi, Anand.	17-01-12	-----
24	Ms. Minal Chauhan Ms. Tanvi Makwana	Workshop on Current Development in Nutritional Sciences & Practice workshop on Research Tool Development for Home Science Colleges of Gujarat at M.S. University of Baroda, Foods & Nutrition Department.	03-02-12	-----
25	Mr. Ranjit Bhagora	-Workshop on Effect of Swarnim Gujarat Khel Mahakumbh on Games & Sports activities, Vallabh Vidyanagar. -U.G.C. sponsored National Seminar on Modern Trends in Physical Education and Sports, Gujarat Vidyapith, Gandhinagar.	05-02-11 27-02-12 to 29-02-12	-----

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

For creation and enhancement of infrastructure the institute follows the rules and regulation of the management Charutar Vidya Mandal. The institute utilizes the fund allocated by the UGC for facilitating effective teaching and learning as per UGC guidelines. Whenever the need arises, the management Charutar Vidya Mandal shoulders the expenses for enhancement of infrastructures for e.g. computer lab, fashion design studio, lab nursery school, equipment like computers, LCD etc.

4.1.2 Detail the facilities available for

- a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**
- b) **Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

a) Curricular and co-curricular activities:

No	Activities	Details
1	Classrooms	Well ventilated spacious class rooms with comfortable sitting arrangement, and well equipped with facilities such as OHP, Black board, audio system. Some class rooms also have LCD Projectors installed.
2	Technology enabled learning spaces	Well equipped laboratories with computer and internet facilities, college also has centralized computer laboratory with internet availed to all students and faculties
3	Seminar halls	Room no 106 and 107 of the college will be projected as a seminar hall / auditorium under CPE status.
4	Tutorial spaces	Each major course has classrooms and laboratories for students where they can discuss their academic problems with the teacher.
5	Laboratories	Well equipped laboratories as per the requirement of various subject.
6	Botanical garden	In the garden, small space is utilized as a botanical garden for the biology practical
7	Animal house	NA
8	Specialized facilities and equipment for teaching, learning and	HD: Laboratory nursery school with all indoor and outdoor facilities. Films on Mina to motivate female education Different kinds of weighing machines like bar

	research	<p>scale, Salter scale, bathroom scales. Puppet stage, LCD, Display Boards, Magnetic Board, T.V., D.V.D.</p> <p>FN: LCD projector, Different kinds of weights like barscale, Salter scale, and bathroom scale etc. Height meter and BMI machine. Spectro colorimeter, pH meter, electrophoresis etc in analysis Laboratory.</p> <p>TC: Various Body forms for draping, Computers with Corel draw software, LCD projector.</p> <p>FRM : LCD projector computer and printer, OHP, Visualizer, Display boards</p>
--	----------	---

b) Extra –curricular activities:

No	Activities	Details
1	Sports, outdoor and indoor games	CVM ground available for all outdoor and indoor games, college also has various sports equipments for badminton, table tennis, volley ball and indoor games.
2	Gymnasium	Indoor gymnasium with advanced fitness equipment.
3	Auditorium	Room no 106 and 107 of the college will be projected as a seminar hall / auditorium under CPE status
4	NSS	CVM provides transportation facilities for NSS activities. Kitchen utensils and equipments are available for around 100 students. NSS room is allotted; various activities are conducted under NSS.
5	NCC	There is specific room allotted for NCC also the space is provided in the college campus for regular parade.
6	Cultural activities	Permanent Cemented stage and room no 211 is used for various Cultural activities. Moreover small group of students organize cultural activities in the lawns of the college.
7	Public speaking	Centralized sound system for prayer and general announcement
8	Communication skills development	Well furnished Digital Education and Learning Laboratory with 25 computers Equipped laboratory for the subject communication process in development.
9	Yoga	Space available along with trained faculty.
10	Health and hygiene	RO system for drinking water, water purifier in canteen, separate wash rooms for male /female staff members and students which are cleaned regularly.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

The available infrastructure is in line with its academic growth and is optimally utilized as the college starts at 8.00 am to 5.15pm and runs in three sessions throughout the day as per schedule.

8.00 to 10.00	2 classes
10.00 to 10.30	Break
10.30 to 1.45	3 classes
1.45 to 2.15	Break
2.15 to 5.15	3 classes

Facilities developed/augmented and the amount spent during the last four years

Year	Total Amount spent for Facilities developed/augmented in Rs.
2008-09	1,42,658

Detail of Facilities developed/augmented in year 2008-09:

I. U.G.C. XIth Plan grant utilized in equipment purchased:

Sr.No.	Department	Name of Equipment	Amount (Rs.)	Date
i)	F.N.	Weighing Balance	9614	27/03/2009
ii)	EXT. EDU.	Sony Projector VPL EX-5	38501	20/01/2009
iii)	TC/HD/office	Moserbare DVD Writer	3525	30/03/2009
iv)	TC	Medical Microscope	24343	17/03/2009
v)	HD	Printer Canon 2900	5850	20/03/2009
vi)	TC	Printer Canon 2900	5850	20/03/2009
vii)	FRM	Philips Mixer	1450	16/03/2009
	"	Philips Mixer	2650	" "
	"	Philips Food Processor	3750	" "
	"	Philips Toaster	1425	" "
	"	Philips Coffee Maker	1700	" "
viii)	Office	G-35 Storewel-(2)	13000	25/03/2009

II. The Charutar Vidya Mandal aid utilized in equipment purchased:

Sr. No.	Department	Name of Equipment	Amount (Rs.)	Date
i)	TC	Zenith Computer	15500	13/02/2009
ii)	HD	Zenith Computer	15500	13/02/2009

Year	Total Amount spent for Facilities developed/augmented in Rs.
2009-10	5,58,952

Detail of Facilities developed/augmented in year 2009-10:

I. U.G.C. XIth Plan grant utilized in equipment maintenance:

	Name of Equipment	Amount (Rs.)
a)	LG D.V.D. Writer (03 pieces)	3750/-
b)	Canon LBP 2900 Printer (03 pieces)	19202/-

II. Charutar Vidya Mandal aid utilized in equipment purchased:

a)	Computer Lab. : Zenith Computer (20 pieces) Date:27-07-2009	Rs.2,86,000/-
----	---	---------------

III. Development of Digital Education and Learning Laboratory:

✓ Special grant of Rs.2,50,000/- from Government of Gujarat for developing Digital English Language Lab.

✓ 25 Pieces of Zenith Computers given by BAOU.

Year	Total Amount spent for Facilities developed/augmented in Rs.
2010-11	7,85,402

Detail of Facilities developed/augmented in year 2010-11 :

I. U.G.C. XIth Plan grant utilized in equipments:

No.	Name of Equipment	Amount (Rs.)
1	Software Tally renewal	2700.00
2	Computer HCL brand	24000.00
3	Canon Printer Xerox	81595.00
4	Daycare Centre in College	110000.00

II. Sports Nutrition (Add-on-course) Equipments:

No.	Name of Equipments	Amount (Rs.)
1	Semi commercial tread mill aflon	52500.00
2	Upright bike aflon	22800.00
3	Multi exercise gym	18525.00
4	BMI indicator	2375.00
5	Height Measuring device	475.00
6	Personal weighing scale	1425.00
7	Store well cupboard	6600.00
8	Cupboard with locker	6900.00
9	Book case	6300.00
10	Office chair	1400.00
	Total (Rs.)	119300.00

III. Interior (Add-on-course) Equipments:

No.	Name of Equipments	Amount (Rs.)
1	Printer (2 no.)	12000.00
2	Cello chair	11800.00
3	LCD projector	35000.00
4	Notice board with acrylic shutter	3300.00
5	Visualizer	39500.00
6	Air conditioner	25200.00
7	Pin up board	850.00

8	Class room talky	5700.00
9	Vertical blinds	8970.00
10	Desk top computer (10 no.)	242000.00
11	Store well cupboard with locker	24300.00
12	Store well cupboard	7800.00
13	Book case	7100.00
14	Key board	1650.00
15	HP Scanner	4047.00
16	Ceiling mount kit for LCD	1350.00
17	Digital camera	14590.00
18	Projection screen	2650.00
	Total (Rs.)	447807.00

Year	Total Amount spent for Facilities developed/augmented in Rs.
2010-11	10,16,980

Detail of Facilities developed/augmented in year 2010-11 :

I. U.G.C. XIth Plan grant utilized in equipment maintenance:

No.	Name of Equipment	Amount (Rs.)
1	LG D.V.D. Writer (03 pieces)	3750.00
2	Canon LBP 2900 Printer (03 pieces)	19202.00
	Total (Rs.)	22952.00

II. FRM Department:

No.	Name of Equipments	Amount (Rs.)
1	Pressure Cookers	8350.00
2	Juicers	3950.00
3	Garuda multi Kadai	1345.00
4	Oil Can	410.00
	Total (Rs.)	14055.00

III. Interior (Add-on-course) Equipments:

No.	Name of Equipments	Amount (Rs.)
1	V.L.A. Splitter	3500.00
2	C.P.U.	27100.00
3	Fan	2100.00
4	Curtains for Computer Lab.	17200.00
	Total (Rs.)	49900.00

Furniture Tables: 16

IV. Sports Nutrition Equipments:

No.	Name of Equipments	Amount (Rs.)
1	Desk Chair	78750.00
2	Printer	9900.00
3	Storewell Racks	25075.00
4	Skin fold caliper	52312.00
5	Computer (02)	46000.00
6	Partition	32535.00

7	Lux meta Digital	5198.00
8	Gym equipments	54030.00
9	Gym equipments	108640.00
10	Projector	4900.00
11	DVD Writer (02)	2200.00
12	Curtains	13470.00
	Total	433010.00

V. Foods & Nutrition Department:

No.	Name of Equipments	Amount (Rs.)
1	Physiology Charts	6804.00
2	Servo Stabilizer	12600.00
3	Prestige Pressure Cooker	5560.00
4	H/Water Bath	20265.00
5	Elico colorimeter	
6	Digital PH meter (02)	9960.00
	Total	55189.00

VI. Textiles & Clothing Department:

No.	Name of Equipments	Amount (Rs.)
1	Microscope (05)	58433.00
2	Digital Balance (02)	20401.00
	Total	78834.00

VII. Fashion Design Department:

No.	Name of Equipments	Amount (Rs.)
1	11 Computers	240000.00
2	White Board	2400.00
	Total	242400.00

VIII. Human Development Department:

No.	Name of Equipments	Amount (Rs.)
1	In focus Projector	22000.00
2	Outdoor Equipments: Gas Stove	2590.00
3	Juicer	1850.00
4	Mixer	2500.00
5	Blender	1350.00
6	Cookers	1900.00
7	Multiplay Station	38000.00
8	Elephant slide	5035.00
9	Play pen with slide	7220.00
10	Shoe Rack	4275.00
11	Sand Box Colour	5800.00
12	Tunnel Big	8550.00
13	Dust Bin	3990.00
14	Tomato Play House	11590.00
15	Rock Engine	3990.00
	Total	120640.00

Year	Total Amount spent for Facilities developed/augmented in Rs.
2008-09 to 2011-12	25,03,992

Enclosed the Master Plan of the Institution/ campus and indicate the existing physical infrastructure:Detail plan with room no. is enclosed, details of the building are:-

i) Main Building	i) Ground floor (001 – 015) ii) First floor (101 - 115) iii) Second floor (201 – 213)
ii) Extension one	i) Ground floor (a) Human Development Laboratory (016 - 022)
iii) Extension two	i) Basement (Zaverba Balwadi) (023 - 024) ii) Ground floor (Cafeteria) (116) iii) First floor (a) Computer centre (215) (b) Conference room (214)
iv) Other infrastructure facilities	i) Spacious garden ii) Parking space iii) Cement stage

i) Main Building

	Floor	Laboratories				Class-rooms	Office		Wash room	Water room
		Specialisation	Room No.	Faculty Office No.	Store Nos.		Principal	Administrative		
	Ground Floor	Foods and Nutrition	001 002 005	002(a) 005(a)	005(b)	-	014	006 015	004 013	003
		Textiles & Clothing	007 008 009 010 012	007(a) 012(a)	007(b)					
		Library	011 011(a)							
	First Floor	Extension Education	102			101			114	
		Biology	107	107(a)	107(b)					
		Family Resource Management	109 110 111 112	109(a) 102(a)	109(b)					
		Chemistry	113	113(a)	113(b)					
		Project/NCC	103							
i	Second Floor					201 202 208 209 210 211 213			212	203 (students room)

ii) Extension one

	Floor	Laboratories				Class-rooms	Office		Wash room	Water room
		Specialisation	Room No.	Faculty Office No.	Store Nos.		Principal	Administrative		
i	Ground Floor	Human Development	016	018	022				020	
		Kitchen	019							

iii) Extension two

	Floor	Laboratories				Class-rooms	Office		Wash room	Water room
		Specialization	Room No.	Faculty Office No.	Store Nos.		Principal	Administrative		
i	Ground Floor		024	024(a)					023	

Note : (i) Sometimes laboratories are also used as classroom

(ii) During internal and external examinations four classrooms of H.Sc. are used.

A separate building for anganwadi training centre is provided. The master plan of college campus with the existing buildings. See Annexure-III

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

Slope available at the entrance gate and staircase with hand rails for students with physical disabilities. Special equipments are available in the department to meet special needs.

4.1.5 Give details on the residential facility and various provisions available within them:

- Charutar Vidya Mandal has centralized hostel facilities for all institution having capacity of 1100 girl students where this college students are accommodated

Hostel Facility – Accommodation available	Yes
Recreational facilities, yoga center, etc.	Yes
Computer facility including access to internet in hostel	Yes
Facilities for medical emergencies	Yes
Library facility in the hostels	No
Internet	Yes
Wi-Fi facility	No
Recreational facility-common room with audio-visual equipments	Yes
Available residential facility for the staff and occupancy Constant supply of safe drinking water	Yes
Security	Yes
Health , hygiene and RO system for drinking water	Yes
Mess facility	Yes

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- A doctor, nurse and other visiting consultants are available as and when required.
- A doctor is on call during the final examination if needed.
- Health center facility available for students, staff and their family which is run by Sardar Patel University with a nominal charge i.e. 10 rupee per case as a token
- Shree Krishna hospital of Karamsad run by Charutar Aarogya Mandal provide “Krupa Cards for medical facility” to all students who stay in hostel
- 108 government facilities 24X7 is available.
- Private consultants also help without charging fees as and when need arises.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

No	Common Facilities available on the campus	Spaces for special units
1	IQAC	In principal room
2	Grievance	Yes, Grievance box is put permanently near staircase
3	Redressal unit	Yes, Room No 015
4	Women’s Cell	Yes, Room No 015
5	Counseling and Career Guidance	Yes, specific area allocated in the premises of computer laboratory.
6	Placement Unit	Yes, specific area allocated in the premises of computer laboratory.
7	Health Centre	Yes, (SPU Health Centre)
8	Canteen	Yes, in the college campus
9	Recreational spaces for staff	Gym, canteen and library facility with internet.
10	Recreational spaces for students	Gym, canteen and facility for outdoor and Indoor games, library, College lawns.
11	Safe drinking water facility	Yes, with RO system plant
12	Auditorium	Proposed (under CPE in room 106-107)

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, there is an Advisory Committee for the library.

Composition of a committee:

1. Principal
2. Librarian
3. Four faculty members
 - The timings of library for students’ reference work have been increased.
 - Comfortable sitting arrangements with physical facilities such as curtains, fans, large reading tables have been augmented for the students.
 - Internet facilities are available (INFLIBNET) for the students.
 - BISAG channel is available on television for viewing the lectures delivered by SANDHAN.
 - A corner in the name of Swami Vivekanand is developed where students are exposed to his thoughts and writings

4.2.2 Provide details of the following:

Total area of the library (in Sq. Mts.)	307 Sq. Mts.
Total seating capacity	50 in reading room + 25 for reference work
Working hours (on working days, on holidays, before examination days, during examination days, during vacation)	Working hours : 10.30 am to 5.15 pm <ul style="list-style-type: none"> • On working days: 10.30 am to 5.15 pm • On Holidays : ----- • Before examinations: 10.30 am to 5.15 pm • During examinations : 9.30 am to 5.15 pm • During vacation: 10.30 am to 5.15 pm

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)	<ul style="list-style-type: none"> Individual reading carrels : proposed under CPE status. lounge area for browsing and relaxed reading : YES IT zone for accessing e-resources: Two computers with internet
---	---

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

All the staff members give a list of latest books with reference to their respective courses. The library committee takes a decision regarding the purchase in view of the available budget. The librarian then proceeds as per norms.

Library holdings	Year : 2008-09		Year : 2009-10		Year : 2010-11		Year : 2011-12	
	No	Total Cost	N0	Total Cost	No	Total Cost	N0	Total Cost
Text books	170	388854	44	8436	371	11304	317	12955
Reference Books	10	4530	-	-	12	6530	09	5250
Journals/ Periodicals	38	16709	38	21922	39	30002	39	24937
e-resources	-	-	-	-	-	-	-	-
Any other (specify)	-	-	-	-	-	-	-	-

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

OPAC	No
Electronic Resource Management package for e-journals	Proposed under CPE status
Federated searching tools to search articles in multiple databases	No
Library Website	No,(information given on college website)
In-house/remote access to e-publications	----
Library automation	Yes, (SOUL Software)
Total number of computers for public access	Two with internet
Total numbers of printers for public access	One
Internet band width/ speed <input type="checkbox"/> 2mbps <input type="checkbox"/> 10 mbps <input type="checkbox"/> 1 gb (GB)	10 mbps
Institutional Repository	Yes
Content management system for e-learning	No
Participation in Resource sharing networks/consortia (like Inflibnet)	Proposed under CPE status

4.2.5 Provide details on the following items:

Average number of walk-ins	125
Average number of books issued/returned	50
Ratio of library books to students enrolled	Book- 11000 Student- 400 Ratio = 275:1
Average number of books added during last three years	732

Average number of login to opac (OPAC)	NA
Average number of login to e-resources	NA
Average number of e-resources downloaded/printed	NIL
Number of information literacy trainings organized	NiL
Details of “weeding out” of books and other materials	110

4.2.6 Give details of the specialized services provided by the library

Manuscripts	Nil
Reference	Yes
Reprography	Yes
ILL (Inter Library Loan Service)	Yes
Information deployment and notification (Information Deployment and Notification)	Yes
Download	Yes
Printing	Yes
Reading list/ Bibliography compilation	Yes
In-house/remote access to e-resources	----
User Orientation and awareness	Yes
Assistance in searching Databases	Yes
INFLIBNET/IUC facilities	Proposed under CPE status

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

- Helping the teacher and students in procuring books from the library.
- Issuing books
- Reminding them of the time limit.
- Circulating forms for new book purchase to the departments and procuring the same
- Labeling and entering in the computer with barcode.
- Searching new titles and publishers for the respective field.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Comfortable sitting arrangement and appropriate light arrangement.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

Oral feedback is taken by the library committee. The committee then makes plan to meet the student requirement for e.g. photocopier machine is set up, curtains and novels and other general books were purchased.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Number of computers with Configuration (provide actual number with exact configuration of each available system)

No	Place	Version						Printer /Scanner	Total PC
		P-II	P-III	P4	DUAL CORE	I-3	I-5		
1	DELL				1 GB RAM 160 GB HD =25				25
2	Office				2 GB RAM 80 GB HD = 2	2 GB RAM 350 GB HD =2		2 PRINTERS 1 SCANNER 1 XEROX	4
3	TC				1 GB RAM 80 GB HD =1	4 GB RAM 500 GB HD=11		1 PRINTER	12
4	FRM				1 GB RAM 80 GB HD =1	4 GB RAM 500 GB HD =1 2 GB RAM 500 GB HD=11		2 PRINTERS	13
5	HD				1 GB RAM 80 GB HD = 1			1 PRINTER	1
6	FN			512 RAM 80 GB HD = 1	1 GB RAM 80 GB HD = 1	4 GB RAM 500 GB HD =2		1 PRINTER 1 MULTIPAL	4
7	Chemistry				1 GB RAM 80 GB HD = 1			1 PRINTER	1
8	Biology		256 RAM 40 GB HD =1						1
9	Principal				1 GB RAM 80 GB HD = 1			1 MULTIPAL	1
10	Library	128 RAM 20 GB HD = 1		512 RAM 80 GB HD= 1	1 GB RAM 80 GB HD = 1			1 Dot. matrix	4
11	Computer Lab.	Celeron R. 256 RAM 20 GB HD =3	256 RAM 40 GB HD=2 128 RAM 40 GB HD =4	512 RAM 40 GB HD = 4 256 RAM 20 GB HD =4 1 GB RAM 80 GB HD=2 128 RAM 40 GB HD =2	2 GB RAM 80 GB HD = 14				35
Total									101

Computer-student ratio	1:3
Standalone facility	-----
LAN facility	Yes
Licensed software	Quick heal antivirus Tally-9 for office use Adobe Photoshop-5 AutoCAD for single user CorelDraw-9
Number of nodes/ computers with Internet facility	10 nodes of BSNL Broadband 20 nodes of CVM Broadband

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Computer and internet facility made available to the faculty and students on the campus only.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The present IT infrastructure and associated facilities are enough for fulfillment to meet the requirements but whenever a need arises it will be fulfilled by the management. More over under CPE status we will have three more computers with peripherals in the library.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Sr No	Year	procurement, up gradation, deployment and maintenance	Amount spent in rupee
1	2008-09	2-computers, 1- DVD writer, 1- sony LCD projector, 1-printer	84,726
2	2009-10	1- DVD writer,1-printer,1-computer, DEL Lab	5,58,952
3	2010-11	1-Tally software,1-computer, 1-printer, 1- zerox machine,1- Visualizer	4,46,492
4	2011-12	1- DVD writer,1-printer, 1- sony LCD projector,1-computer	3,82,752

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- There are some classrooms and laboratories in which ICT facilities are provided such as LCD projector with computer and college has two laptops for academic activities on the campus and off the campus for the staff and students.
- Each department has been provided computer with internet and printer facility for preparing computer-aided teaching/ learning materials.
- Extensive use of ICT and internet connectivity is used for various academic activities such as presentations, seminars, colloquy, conferences, workshops etc which are helpful for the staff and student's overall development.
- Faculty members were sent for training of ICT

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

There are various subjective software and CDs available for the students. For e.g.

- In Digital Education and Learning Lab there is English language related software in which different programs such as CL-client, word mentor, EL-client etc. are taught where in students can learn the English language independently and actively.
- Various departments also have computer related software like Corel Draw in TC department and AUTO CAD in FRM department.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Student and faculty can make use of University Library (Bhaikaka Library)

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

No	maintenance and upkeep of the following facilities	Year 2008-09 Utilization	Year 2009-10 Utilization	Year 2010-11 Utilization	Year 2011-12 Utilization
1	Building	24,029	15,937	31,384	18,963
2	Furniture	3,875	855	---	--
3	Equipment	--	19,202	33,530	43,514
4	Computers	--	3,750	---	19,201
5	Vehicles	--	--	---	--
6	Any other	--	--	---	--

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- The management C.V.M. has an estate department where the college approaches them for repair of building, furniture or problems with water, sanitation etc and it is taken care off within stipulated time span.
- The UGC grant for maintenance of equipment is also utilized.
- For upkeepment of the location the management provides gardeners and support staff who look after the college campus and sanitation facility.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

The USIC department of Sardar Patel University is consulted when equipments have to be repaired.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- In Computer Lab. and DEL Lab. CVT and Stabilizers are installed for regularizing voltage fluctuation and electrification with MCB switches.
- Some departments also have sensitive equipment with stabilizer for regularizing voltage fluctuation.
- For 24 hour water supply, management CVM has a huge water tank from which water is supplied to the college tank for drinking, all the laboratories, canteen, washrooms, garden etc.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include?

- College has a specific area for sick students.
- Grievance cell , Women's cell and career counseling cell.
- SANDHAN programme.
- Latest equipment relevant for the specific courses,
- Augmentation of various laboratories.
- College has developed an ALM classroom.
- LCD and Mikes in the classrooms
- An Anganwadi workers training centre with Hostel facilities.
- A laboratory Nursery School and a Day Care.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes, the prospectus of the institute is published every year with due changes. Following information is provided to students through the prospectus.

Sr.No.	CONTENT OF PROSPECTUS
1.	Information about Vallabh Vidyanagar
2.	H. M. Patel Career Development Centre Awareness Information Counseling Training
3.	Charutar Vidya Mandal -Vision, Mission and Objectives
4.	Profile of the College <ul style="list-style-type: none">- Areas of Specialization- Vision- Mission- Goal- Objectives- Salient Features of the institution- Assets of the Institution- Community Outreach
5.	Admission - Eligibility, Rules for admission and rules for cancellation of examination form.
6.	Selection and Scope in different areas of specialization.
7.	Curriculum of B.Sc. (Home Science) under choice Based Credit Scheme. Information about theory and practical from I Semester to VI Semester.
8.	Rules of passing and award of classes.
9.	Information about Hostels
10.	Student development activities
11.	Scholarships, Awards and Fee Exemptions
12.	Important Notes
13.	Academic Calendar 2012-2013
14.	Staff of the college <ul style="list-style-type: none">- Teaching- Administrative- Support Staff

The institution ensures its commitment and accountability by following the academic calendar. Also at the time of Orientation programme, the salient features of the institute are discussed.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

Financial aid given to the students:**Year: 2007-2008**

The students are given freeship from Government and C.V.M. 35 students are the beneficiaries and amount in Rs.98610.

Year: 2008-2009

Sr. No.	Category	Number of Students	Amount (Rs.)
1	SC	Two	5660.00
2	ST	Three + Four (Seven)	10140.00 12870.00
3	SC	Four	13020.00
4	SEBC	Fourteen + Three (Seventeen)	29320.00 6690.00
5	C.V.M.	Three	1495.00
Total		33 (Thirty three)	79195.00

Year: 2009-2010

Sr. No.	Category	Number of Students	Amount (Rs.)
1	SC	06 (Six)	16315.00
2	ST	07 (seven)	22140.00
3	SEBC	23 (Twenty three)	48760.00
4	C.V.M.	04 (Four)	1495.00
Total		40 (Fourty three)	88710.00

Year: 2010-2011

Sr. No.	Category	Number of Students	Amount (Rs.)
1	SC	11 (Eleven)	29300.00
2	ST	04 (Flour)	24000.00
3	SEBC	03 (Three)	9450.00
4	By C.V.M.	02 (Two)	1495.00
5	Handicap	01 (One)	2500.00
Total		21 (Twenty One)	66745.00

Year: 2011-2012

Sr. No.	Category	Number of Students	Amount (Rs.)
1	SC	13 (Thirteen)	10065.00
2	ST	08 (Eight)	107180.00
3	SEBC	42 (Fourty Two)	111040.00
4	By C.V.M.	04 (Four)	1495.00
5	Handicap	01 (One)	2520.00
Total		68 (Sixty Eight)	232300.00

The financial aid was disbursed on time.

5.1.3 What percentage of students receive financial assistance from state government, central government and other national agencies?

Percentages of students received financial assistance:

- 17.89% Percent students received financial aid from State Govt.
- 0.72% From Management
- 3% Students were helped by teaching staff fund.
- National merit scholarships are given to students who have secured above 80% in 12th std. This year eight students are receiving scholarships.

5.1.4 What are the specific support services / facilities available for Students from SC/ST, OBC and economically weaker sections?

The Students from SC/ST, OBC and economically weaker sections are provided various facilities i.e. Scholarships specially given for SC, ST and SEBC. This is given by State government every year. Beside this they also get hostel facility provided by State Government where accommodation is free of cost.

Students from economically weaker sections are provided with financial support from the donors' Family members and Faculty.

Students with physical disabilities

Students with physical disabilities are provided.

- Physical resources as per the needs of differently abled students e.g. preference in major subject selection, special sitting arrangement as and when required, providing hand sewing machine instead of paddle machine.
- Special encouragement, guidance and care is given in studies and practicals.
- Post metric scholarship by State government.
- Facilities Offered by municipality as well as government i.e. concession in transportation.

Overseas students

The institute does not have any overseas student at present.

Students to participate in various competitions/National and International

Students participate in youth festivals at the university and zonal level every year. Under Swarnim Gujarat students have participated in Khel-Kumbh and won various positions at the State level.

Students have also participated in essay competitions at the State level and debate competitions at the inter college level.

Medical assistance to students: health centre, health insurance etc.

Every year the institute arranges for students' medical checkup, eye checkup, dental checkup and Thalessemia checkup, Moreover, there is a university health centre which provide medicines at nominal charges.

"Krupa Yojana" is specially for hostel students provided by Charotar Arogya Mandal. Under this yojana students are given the facility to avail the benefit up to Rs.5000/- in case of hospitalization.

The management has an ayurvedic hospital where free of cost medicines are provided.

Apart from this, the counselors take care of referral services as advised by the doctor at University Health Centre, Parents are informed and involved in the same.

Organizing coaching classes for competitive exams

The trust has a Career Development Centre (CDC) where students are prepared for various competitive exams. The CDC conducts training programmes for aspirants to UPSC and GPSC. It also conducts short term Entrance Training Programmes for aspirants to Graduate and Post-Graduate courses such as the BBA/BCA and MBA/MCA/MSW, for global effectiveness, English, German Languages are also conducted.

The college also prepares the students to appear for various level of examination in English enrichment programmes.

Skill development (spoken English, computer literacy, etc.,)

There is a well equipped Computer laboratory in the institute. Computer basics and computer application is part of syllabus for F.Y.B.Sc. Students. Internet operating training is also given to the students in the course.

Final year students also have the course of computer application in each department.

The institute has Digital Education and Learning Laboratory (DELL) an initiative of Government of Gujarat. The laboratory has 25 computers with different programmes like word mentor, communication skill etc. The main aim of this laboratory is to develop the proficiency of students in English language specially in Spoken English.

Support for "Slow learners"

The institute support slow learners by one to one interactive sessions. The institute has also started following the Buddy Concept where slow learners are mingled with intelligent students who help them in learning.

Some special arrangements are made for slow learners as per their caliber i.e. special attention during practicals, giving some assignments etc.

Also at third year level, to encourage reference work, the bright students are grouped with weaker students and the bright students are responsible for the upliftment of the academically backward in turn building team spirit among the students. The students are evaluated for the same and marks are counted in the internal. This exercise has shown a good result for the slow learners.

Study material in Gujarati and Question banks are also provided to students.

Exposures of students to other institution of higher learning / corporate / business house etc.

Students are sent for internship, placements to various corporates like Bal Amul, American Dry fruits at Nadiad, Baroda Dairy, Karamsad Hospital, various nursery schools and welfare centres etc.

Students are also taken for field visits to various places, hotels and industries in order to get first hand knowledge.

They are also taken to sister institutions for specialized training e.g. students of Interiors were taken for a work shop for one week from 9 a.m. to 2 p.m. every day at the C.V.M. college of fine arts for practical experience. For the subject of Food packaging students are taken to an Engineering College (ADIT) laboratory for certain practicals.

Publication of student magazine.

Yes, every year the institute publishes the student magazine named "PRAGATI". Through this publication, students get a chance to show their creativity in writing. They write articles, poems, quiz etc for the magazine.

Moreover there is a corner for wall magazine where latest news and views are displayed regularly.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The institute has a subject on "Entrepreneurship" under CBCS curriculum. The institute invites the entrepreneurs from various fields to share their knowledge and experiences with students. The field trips are also organized to some small scale units which are specially managed by women, such as "MANGALYA" at Kanjari near Vallabh Vidyanagar, "SAHAJ" at Dahod, "BODHI" at Vadodara.

These efforts in the field of entrepreneurship develop the mind set of students and gives them confidence. It also helps them to start their own work and become job givers.

A one day seminar on "Emerging professional trends in Home Science; was arranged for third year students. A session for alumni interaction was arranged which gave an insight to the students. They were inspired to take up careers in hospitals as Dieticians, freelance fashion designers, interior designers, to start their own day care centres.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

To attain all round excellence in the students the college organizes various activities under saptdhara. These saptdharas are:

Gyan dhara:

The students participate in various lectures, writing and reading of articles on eminent personalities like Swami Vivekanand, Sardar Patel, and Gandhiji under Gyan dhara students are exposed to various general books. E.g. fiction, motivation etc.

Sarjantmak Abhivyakti Dhara:

It includes writing and speaking skills in students. Students get an opportunity to participate in various competitions of elocution, essay writing, postermaking, quiz and debate competitions. Every year the institute organizes interclass and inter college debate competitions.

Kala Kaushalya dhara:

The main aim of kala kausahlya dhara is to search beauty in imagination. Students get chance to express their imagination. Expression through colours is the major theme of the dhara. The workshops were organized on colors, spot painting, poster making, collage making etc. Various competitions on best out of waste, T-shirt painting, cartooning, Arti thali decoration, rangoli were arranged. The students participated in on the spot painting, collage making, cartoon making, clay modeling competitions at Youth festival of the university.

Natvadhara:

This dhara deals with various types of skit, mono acting, mimicry, bhavais etc. The student gets to learn about different aspects of DRAMA. A workshop called 'Samvad' was arranged for the college students to learn about the intricacies in each of the above mentioned format by inviting an expert in the field. Students as a result, could participate and perform well in youth festival in mime and

mimicry, skit and one act play, moreover students are also shown DVD's of good plays.

Geet Sangeet Nritya Dhara:

The retainment of traditional folk art in the form of music, songs and dance; classical form of music and dance form the crux of this dhara. Under this dhara, lectures and demonstrations on individual and group levels were arranged. A cultural programme to emphasize the "Changing trends of Garba in last five decades" was held for and by the students. Eminent personalities of town, guest and students were invited for the same. The institute celebrates garba festival, annual day and talent day every year where students participate in various activities.

Yog-Khelkood dhara:

Sports Day is celebrated every year where students take part in different games like distance runs, jumps and throws. Inter class competitions in skipping, carom, chess, basketball, Kabbadi, Kho-kho tournament are the part of everyday games. Students also participated in various competitions at regional, state and national level. Yoga training in the form of lectures and demonstrations were arranged to tone up. Indoor and outdoor game facilities are provided.

Samudayik Seva dhara:

It gives an opportunity to students to get oriented with the reality of rural life. The main aim of the dhara is to train the students for betterment and development of the rural areas. In order to inculcate in the students, the responsibility of individual, self and society, activities like tree plantation, role plays and seminars on socially relevant topics for the benefit of the rural community, formation of Red Ribbon Club, Eco Club, N.S.S. Annual Camp of N.S.S. at different villages were arranged. Students also interact with the vulnerable community in Vallabh Vidyanagar. They also work in home for elderly and differently able children.

N.C.C. activities like TSC Sainik camp, ATC camp, firing competition, best performance at QTR guards, parades etc. take place through out the year in order to encourage comradeship in students, These students also render services in immunization mission.

Empathetic quality is developed in students by devoting the entire week for the celebration of socially useful causes for the disadvantaged mass of the community. For this National Nutrition Week, International Breast Feeding Week, Consumer Week are celebrated by weeklong activities for the benefit of the community in the form of lectures, demonstrations, role plays, dance, street play, puppet shows, exhibitions and competitions.

Beside this, celebration of Independence Day, Republic Day, N.S.S. Day, Balwadi Day, Blood Donation Camp, Medical Checkup Camp, Swarnim Gujarat Yuva Chetna Camp etc. take place with pomp and show along with competitions like poster making, chart making, theme based garba, Best from Waste, textile making etc. Slide shows on related topics were shown.

Gujarat Government gives grant for various activities under Saptdhara fund and till date i.e. 2008 to 2012 the institute has received Rs.1,89,200.

Additional academic support, flexibility in examination:

The institute follows the Continues and Comprehensive Evaluation (CCE) system. As per the circumstances the students are given academic support and flexibility in examination (only internals) i.e. giving extra test, assignments etc. Sometimes extra practicals are also conducted for the students.

Special dietary requirements, sports uniform and materials

The institute has their own cafeteria where students are provided nutritious food. NCC students are provided snacks when they come for parade. NCC students get the uniform from NCC unit.

Institute also provides sports uniform and other equipments for sports as and when needed.

NSS students are also given snacks whenever any one day camp or workshop is conducted under NSS.

Faculty members support students from weaker section by helping them procure materials for various practicals.

any other

NCC students get washing allowance and whenever they go for any camp get TA and DA.

NSS students also get allowance for regular activity i.e. one day camp or work as well as allowance for annual camp. Certificates are provided from the NSS grants for Annual camp.

Traveling expenditure is borne by NSS incharges who are allocated money for NSS activities.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, five details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

The institute has a placement cell named UDISHA an initiative of higher education department of Gujarat Government which organizes job fair every year for different subjects.

The related information is placed on the notice board by the incharge of the UDISHA. The information of the passing out students is uploaded on the UDISHA website.

The Charutar Vidya Mandal manages a Career Development Centre (CDC) where students are prepared for various competitive exams and personality development.

It also conducts courses for the GMAT, GRE, TOFEL and IELET. Training for NET/SLET exam is also conducted at the centre.

Under the programme of knowledge consortium of Gujarat, KCG Department of Higher Education, programme related to various competitive examinations are telecast on a regular basis for the benefit of students. The programmes are relayed through BISAG under Sandhan. This facility is provided in the college library.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

A group of 25-30 students are allotted to each faculty for counseling purpose. Regular meetings are organized to meet the students and discuss their problems in various fields. Students who are irregular are counseled specially and

if needed then parents are called for discussion. Students having personal problem are counseled separately. The institute also organizes talks on various topics where gynecologist and other doctors are invited to discuss some important issues related to health and behaviour in a particular age. Workshops on personality development, leadership (Soft Skills) and inter personal skills are also organized for the students.

Students with serious health issues are dealt with seriously by taking them to consultants and parents are involved in the same.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes' detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes, the institute has a placement cell named UDISHA. This is an initiative of Department of Higher Education of Gujarat Government. They organize a job fair every year for different subjects. The related information is placed on the notice board of the institute by the incharge of the UDISHA. The institute does not organize campus interviews in all special areas but does provide information about various job opportunities through counseling and guest lectures. Sometimes hospitals, NGOs or Nursery Schools directly contact the principal or faculties as per their needs.

The Career and Counseling Cell of the college organizes talks and workshops on how to write resume, preparing for an interview and many other activities for students. Beside these two of our staff members attended a workshop on "Training for trainers of placement cell". Udihsa Cell including students and faculties was formulated. Parents of T.Y. Students are also counseled to motivate their daughters for further studies and entrepreneurship. A workshop on "Industrial motivation campaign" was conducted by MSME Government of India (Ahmedabad).

Placement services rendered by college:

- The advertisements published in newspapers and magazines for the vacant posts in various areas of Home Science are displayed on the notice board.
- List of the T.Y.B.Sc. (Home) students are sent to the Employment Exchange, V.V.Nagar and the Udihsa, Ahmedabad for the enrollment, for the candidates desiring jobs.
- In the month of November a workshop was organized for the T.Y. B.Sc. (Home) students on "How to appear for an interview" where the experts oriented participants with applying for a job (resume development), facing an interview, personal care and dress up at the time of interviews, etiquettes and mannerism during interview etc.
- Under the placement and counseling cell, the Textiles and Clothing department arranged a workshop on I-textiles on 8th February 2011.
- Mr. Shraddhanshu, a freelancer presented information on "ICON Award-2011-fashion designer style" to encourage the students to participate in freelance designer event talent search 2011 on 26th February 2011.
- A workshop was organized on 8th March 2011 for the T.Y.B.Sc. (Home) students on "The post modern women - bipolar view" which guided the

students with difficulties and problems in life along with jobs and how to overcome these struggles and succeed in life.

The activities of Career and Counseling Cell during the year 2011-12 started with an aim to provide professional guidance to the students for better career development and achievements, thus build up confidence to perform better in academic as well as in career. In order to cater to the aim of the Cell various activities during the entire year were carried out.

- A seminar under ESOL, Cambridge University for T.Y.B.Sc. (H.Sc.) students were arranged whereby Ms. Sonia Shah, a resource person from Pune was invited to interact with students about Resume writing and preparing students for work i.e. facing interview.
- A workshop on the topic 'Body language' was arranged on 5th July 2011 for students (30), teaching and non-teaching staff members. Mr. Dhadukia from Surat was invited to talk about gestures, postures; habits whether acquired or internalized to make a change in one's thinking. The unsaid actions depict more than the spoken words.
- A lecture was arranged for F.Y. and S.Y. and T.Y. students on 10th August 2011. Mrs Parultina Doshi, research fellow in C.V.M. in Indian Women's Encyclopedia was invited to talk about the inbuilt characteristics of Indian women as depicted in Hindu mythology.
- Department of Family Resource Management arranged a three day workshop (9th to 11th December 2011) for FRM major students and students of add on certificate course in Interiors on Canvas Paintings, Mr. Jignesh Patel from Bharuch and team was invited to guide the students about the know how of Canvas painting and its intricacies. Wonderful paintings on the theme of nature were brought out by the students.
- On 12th and 13th December 2011 a two days workshop on "Creating Research Culture in Home Science" was arranged for students of T.Y.B.Sc. Home Science. Where experts from each of the majors were invited as resource persons (Dr. Manisha Shukul-FRM Department, Dr. Madhu Sharan-T.C. Department, Dr. Hemangini Gandhi-F.N. Department and Dr. Rachana-H.D.F.S. Department all from M.S. University of Baroda) to talk about various topics in the respective areas on which research can be done. Students were oriented with research procedure. On the second day, major wise students were divided in smaller groups and each group was allotted a teacher to guide them in selecting the topic for research-writing of research mythology and writing bibliography etc.
- The workshop ended with the power point presentation of research proposals prepared by the students.
- S.Y. and T.Y.B.Sc. (Home Science, Human Development) students on 11th and 12th January 2012 learnt about Lamasa art, paper mache and chocolate making in workshop arranged by the department. Ms. Keta Shah and Ms. Nirali Shah, Eminent entrepreneur from Nadiad were invited to conduct the sessions.
- On 13th January 2012, a talk by Dr. Bakul Bakshi was arranged where he spoke on 'Motivation' to the F.Y., S.Y. and T.Y. Students.
- On 16th January 2012 one day seminar on "Emerging professional trends in Home Science" was arranged for T.Y.B.Sc. (Home Sc.) students and the

college alumni. Dr. Perna Mohite, Ex. Dean (F.S.C.S. Department) M. S. University was the key speaker who gave insight into the past, present and future of Home Science as a discipline. She stressed that education in Home Science is multidisciplinary which is the demand of today's education system. A panel discussion with experts namely Dr. K. Rathnam (G.M. Amul Dairy), Mr. Pradeep Patel (Comfy Furnitures) and Dr. Perna Mohite was arranged. Dr. Rathnam talked about job prospects in food sectors and gave information regarding the latest laws in food sectors. Dr. Perna Mohite insisted on widening the horizon in the field and stressed the fact that specialization helps in getting jobs, Students should create their own avenues for becoming career women, and Mr. Pradeepbhai talked about various areas where students can venture for employment.

- The last session included interaction with Alumni who have carved a niche for themselves and the society; they shared their experiences with the final year students, motivating them.
- A workshop on Enhancing "Culinary Skills and salad decoration" was arranged by the department of Foods and Nutrition on 17th January 2012 for F.N. and F.S.Q.C. students. Chef from Woodland Hotel, Nadiad was invited as resource person where he demonstrated the preparation of red, white and green gravies which forms the base for most of the recipes. He also demonstrated the various styles of decoration and dressing used for the salad.
- On 18th January 2012 a talk by Dr. A.W.P.David, Retired Collector and at present working for C.V.M.'s IAS Academy talked to T.Y.B.Sc. (H.Sc.) students about Usefulness of competitive exams conducted by UPSC/Banks/LIC/Railways etc.

Dr. R.C. Desai, Director C.D.C. made the students realize the worth of womanhood and how they can come out of their shackles to become a collector or an officer at Railways, Banks or Government posts. He informed about the new diploma course they are starting in C.V.M. IAS Club to train the students for competitive examinations.

5.1.10 Does the institution have a students grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, the institute does have a student grievance cell. A box has been kept to receive grievances from the students. Some grievances reported by the students were redressed i.e.

- Demand of RO System for safe drinking water.
- There was demand for certain food in canteen.
- F.N. and H.D. students had a demand for placement for training this was fulfilled.
- Students also wanted to change the college timings. But the principal and Vice President dealt with the matter in a positive manner.
- Students demanded extension in library timings specially during examination this was considered. Sharing the responses of the decisions taken by the grievance cell is shared with student's council.
- To address these there is a committee which consists of Principal, Vice President of student council and one senior faculty.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

As the institute has only girl students and majority of the faculty is also female hence, the problem pertaining to sexual harassment does not arise. But if any student faces any problem in or out of the college premises then principal, counselor and all faculty members help the student.

The university does have the women cell where problems related to sexual harassment are tackled. But till date no such incidence has been reported from this institution.

The Hostel incharge of the college takes special care of the problems of Hostel Students. During college cultural functions the Hostel incharge and the administrative staff take care to see that the students reach the hostel safely.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes, the institute has an anti-ragging committee which consists of principal, all the incharges of department and vice president of the students council. The university also has anti ragging committee. Moreover at the time of admission the student have to give an undertaking that they will not participate in any kind of ragging. Till date no ragging instance has occurred in the college campus.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The welfare schemes made available to students by the institute are:

- Medical check up
- Dental Check up
- Eye check up
- Thalessemia check up
- Scholarship from the trust, specially for the poor students.
- Teacher fund to help poor students
- Doner's support for paying fees and other activities for the welfare of the students.
- Guidance and Counseling.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the institution has an alumni association which is very active. Many alumni have contributed for intuition like installation of R.O. system in nursery, contribution in development of nursery and crèche, donating books in library giving talks to students, when they visit the college.

Suggesting change in the syllabus based on their experience after which subjects like landscaping and gardening were introduced. More emphasis is put on ECCE courses. ECCE and community nutrition were made compulsory core courses.

2007-2008

Activities and support from the Alumni Association:

- A Lecture was organized on 'Women's Day' by lawyer Ms. Bhavanaben Joshipura.
- The Alumni Association help the college in various activities:
Ms. Shefali Mistry and Ms. Sunita Singh, ex-student helped to carryout following activities:
 - Fine Arts activities i.e. Folkdance, Mime and Skit.
 - Community outreach activities.

2008-2009

Activities and support from the Alumni Association:

- 175 Third year passed students joined the Alumni Association.
- Local members of the Alumni Association visited the exhibition and open house organized by various departments.

2009-2010

Activities and support from the Alumni Association:

- Local members of the Alumni working with other institutions and as entrepreneurs participated in the National Seminar organized by the college, visited exhibitions and encouraged students.
- Some of the Alumni members from foreign countries gave talk on difference between the education system of India and U.S.A.
- The alumni member-cum-entrepreneur was invited for talk on 'New horizons as an entrepreneur'
- Majority of T.Y.B.Sc. (Home) passed outs registered as members of alumni association.

2010-2011

Activities and support from the Alumni Association:

Alumni from around the world attended our annual function which was on 27th January 2011. 10 from U.S.A., 06 from U.K., 03 from Australia, 20 from India.

T.Y.B.Sc. students of this year has registered and become a member of Alumni Association of this college.

2011-2012

Activities and support from the Alumni Association:

This year the alumni association was very active. They arranged an "Alumni Meet" and a seminar on 17th January 2012. The topic for seminar was "Emerging Professional Trends in Home Science" where management professionals of the field were invited for the talk. The seminar was part of the alumni meet so that all the alumni and present T.Y. students who are going to be future alumni of the college get chance to meet and know about some of the very prominent and active alumni, and their future prospects.

Many alumni are very well established in their life and quite reputed. Ms. Shushma Patel, an international fashion designer and an entrepreneur and Ms. Gira Desai, an Interior Designer to name a few was also present to share her experiences. Besides there, there were many other alumni who attended the meet. There were almost 40 alumni enrolled for the meet.

Alumni Association also organized a workshop on 19th April 2012 on the topic "Anger Management" in collaboration with JCI Club of Anand, where Jc. Amarpreet Sabarwal from JCI Kota (Rajasthan) was invited as resource person.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Students progression	2008-09	2009-10	2010-11	2011-12
UG TO PG	> 50%	> 50%	> 50%	> 50%
PG To M.Phil (No.)	--	--	01	--
PG To Ph.D. (No.)	07	04	01	--
Employed	--	--	--	--
Campus selection	--	--	--	--
Other than Campus recruitment	7.3%	11.2%	17.4%	19.7%

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the College of the affiliating university within the city/district.

Area of specialization	No.of students %				
	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Textile & Clothing	94.4%	100%	100%	93.75%	100%
Family Resource Management	97.5%	97.2%	97.5%	93.5%	100%
Human Development	97.5%	100%	97.64%	77.41%	100%
Foods and Nutrition	100%	97.67%	97.5%	100%	100%
FSQC	100%	100%	100%	94.4%	100%
Total					

Since this is the only U.G. Home science college of the district comparison cannot be provided.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The institution has UDISHA, a placement cell and career counseling cell which helps and guides students through expert lectures and seminar towards employment and higher education. More over parents meetings are organized for T.Y.B.Sc. Students to motivates parents to send their children for higher education.

5.2.4 Enumerate the special support provident to students who are at risk of failure and drop out?

Individual counseling by Teachers and counselor allotted to students. Counseling is given to the parents, to understand their child. Teacher provides them academic guidance.

5.3 Student Participation Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

Annexure - IV:

Sports activities

Chess, basket ball, Volleyball, Khokho, 100 m., 200 m Kabaddi etc are arranged and student participate in intercollege and inhouse activities.

Extra curricular Activities:-

The college has saptdhara in which there are seven type of activities which are carried out

- Gyan Dhara - Where lecture, workshop, discussion, panel discussion is carried out on motivation, personality development enhancing skills, book reading criticism etc.
- Natya Dhara - Where the college organizes workshops and arranges to see CDS of plays in Gujarati and Hindi.
- Geet Sangeet Nritya Dhara: Organises various activities like song competition (group and solo) dance folk dances, talent days and competition and workshops related to it.
- Sarjnatmak abhivyakti Dhara organizes debate competition, Essay writing competition etc.
- Kala Kaushlya Dhara arranges workshops and competitions for Rangoli making fabric printing etc.
- Samudayik Seva Dhara along with NCC organizes various programmes throughout the year which includes celebration of national days, NSS day, tree plantation, Annual camps etc.
- Khel Khood Yog dhara: various indoor & outdoor play facilities are provided to students.

Students take part in each dhara in college and youth festivals and volcano a Rotary club initiative.

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Achievements:-

<u>2007-2008 :</u>		
<u>Activities</u>	<u>Participation</u>	<u>Achevemenet</u>
Poster Competition	University Level	Consolation
Sare Gamapa	University Level	consolation
Anchoring	University Level	consolation
Weight Lifting	University Level	Outstanding sports person
Kho-Kho	University Level	Runners up.
<u>2008-2009 :-</u>		
Poster competition	University level	consolation
NCC Best Cadet	State Level	Gold

Drill		Gold
Firing competition		Silver
Firing		Gold
Best cadet		Silver
Drill		Silver
Cross country		Silver
Best all rounder		Gold
Quiz competition		Trophy
NCC layout		Trophy
Group dance		Gold Medal
Essay Writing		
Rangoli		
Kabaddi		2 nd runner up
2009-2010 :	State level	
NCC		1 st Prize
Firing competition		Award
Best Cadet		
2010-2011 :	State level	
NCC		Gold
Best cadet		Gold
Drill competition		
Firing competition		Silver
Cross country		Silver
Best cadet		
Most Regular Student		
All rounder.		
2011-2012 :	State level	
NCC		Shield
Group dance		Shield
Group song		Shield
Rangoli Competition		Shield

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The career counseling cell organizes seminars and calls expert from potential employers and suggestion are solicited to improve performance and quality of students. Alumni Association through membership forms and meeting with Alumni makes suggestion to improve syllabus. This year when we planned, we took suggestion from past students and potential employers.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

College has a wall magazine managed by the magazine incharge where the students are encouraged to put material or information and their views in

college every year takes out college magazine 'Pragati'. The Magazines are attached.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes, the College has a student's council. The selection is done on merit basis and in according to the norms laid down by the Charutar Vidyamandak.

The student counsel is in charge of various Dharas which conducts activities through out the year and gymkhana fund is available for programme.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The College has student counsel which includes students who are the incharge of various bodies like General Secretary, Representative of various Dharas and classes, discipline squad and canteen committee.

Faculties are also given various academic and administrative portfolios that include Vice President, Incharge of various Dharas, incharge of Discipline committee and canteen.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The institution collaborates with Alumni and former faculty through mails and personal visits and inviting them for lectures and workshops and important functions and annual days. Some of the alumni are also in contact with the faculties via facebook.

Any other relevant information regarding Student support and Progression which the college would like to include.

Since we have number of students in institution who are first generation learners, to develop self esteem and confidence the faculty members take special care towards them, more over in CBCS a courses on personal empowerment has been included to help them face problems in life. An individual counseling session with parents has been arranged when ever needed. Staff member have created a fund to help students economically.

Training in leadership was provided to central committee students one hour for three days under Gyan Dhara and a seminar was organized on the topic interpersonal skill development in collaboration with JCI.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seek to serve, institution's traditions and value orientations, vision for the future, etc ?

Vision:

To promote education for young women of rural and semi-urban population.

Mission:

"Vidyaratnam Mahadhanam" being the Mission, the institute aims at professional development and personal enrichment of students along with positive self-concept and confidence.

- The vision of the institute being imparting education to the young women of rural and semi-urban population, the faculty members of the college make it a point to visit various higher secondary schools in the surrounding villages, to motivate the young girls especially from the economically vulnerable sections to join the college.
- As large group / number of girls are from the lower income homes, the faculty member has pulled its resources to develop the funds to aid in their education.
- Various programmes are being organized to inculcate positive attitudes towards womanhood. Variety of activities is organized under different dharas to develop confidence and positive self-concept among students. The institute has a career counseling cell under which various workshops and motivational, skill based as well as value based talks are organized for the benefit of the students.
- Under the 'Udisha' (Placement Cell) project of Knowledge Consortium of Gujarat (KCG), the final year students' profile is uploaded on GSDM (Gujarat Skill Development Mission) for prospective employers.
- Care is taken to expose the students to English language through (DELL) Digital Education and Learning Laboratory, so as to enhance their capabilities to meet the global needs.
- Students are encouraged to become members of professional bodies like Indian Dietetic Association, Nutrition Society of India, Home Science Association of India, etc. for their better professional prospects.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

In designing and quality implementation, the steps taken are :

- The Academic aspect: After the syllabus is redesigned and enhanced by the faculty, it is passed through the Board of Studies in Home Science, Faculty of Home Science, Academic Council, Syndicate, Senate. Certain policy decision like implementation of add-on-courses is taken directly with the permission of the Vice-chancellor.
- The budget is approved yearly; the major expenses like infrastructure improvement and purchase of equipment are incurred after approval from the

Hon. Secretary in charge of the college. Estate department of the management looks after the infrastructure facilities.

- The College is under the umbrella of CVM as per its constitution, the governing body includes the President, the Chairman, the Secretaries, trustees, Council Members and Principals of all colleges managed by Charutar Vidya Mandal. The governing body meets every month.
- During the meeting, all types of appointments, retirement dates are approved by the CVM. The confirmation and approval of appointment is done by CVM. The infrastructure requirements of various colleges are sanctioned after reviewing new course. In the meeting, the yearly budget of the college is approved. Moreover the management bears the deficit of the college. The major expenses to be incurred by the colleges and many more works are carried out by the Mandal.

The Role of Principal

The Principal is the President of Central Committee and Chairperson of various committees. She is the final signatory of the college.

- She represents the institute to various academic bodies at university and government levels.
- She plans the budget and implements the same.
- Involves the faculty members for making various decisions for institutional development.
- Manages the administrative aspects
- Motivates the faculty members for career advancement.
- Allocates the administrative and academic activities and responsibilities to the faculty.
- Helps faculty in designing the policies as and when required by the higher authorities.

6.1.3 What is the involvement of the leadership in ensuring:

- **The policy statements and action plans for fulfillment of the stated mission**
 - **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**
 - **Interaction with stakeholders.**
 - **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.**
 - **Reinforcing the culture of excellence.**
 - **Champion organizational change.**
-
- The Head of the institute is a liaison between the student and the Mandal. Infrastructure needs for the institute are conveyed to the management and the Principal sees that they are fulfilled.
 - Since ours is an affiliated college, the Principal in the capacity of the Dean, faculty of Home Science, is able to maintain liaison between the university and the college.
 - Five faculty members of the college are members of Board of Studies in Home Science, so updating of syllabus is done without any hinderance.
 - The Principal along with the senior faculty members plan the academic calendar which is then discussed in the staff meeting for finalization.

Saptdhara activities and departmental activities are also incorporated in institutional strategic plan.

- The principal has allocated 1 hour; (3.00 pm to 4.00 pm) everyday for the students where the students are free to meet the principal.
- The principal attends all the parent teacher meetings and meetings with other stakeholder's viz. club members, NGOs, Government Organizations, organized at the college.
- The institute has introduced the CBCS System and started updating the syllabus where certain courses were incorporated in consultation with the stakeholders, like Interior designers, doctors, alumnis, and hospitality industry people.
- The principal works in close contact with the KCG for academic development.
- In the academic year 2012, capability building programme was organized by the college under the leadership of the Principal sponsored by KCG, Department of Higher Education for Assistant Professors and Associate Professors of various Home Science colleges of Gujarat.
- The Principal is also a member of Grievance Redressed Cell (GRC) for the students, where the grievances are addressed and students are counselled.
- Student feedback is taken at the end of the each semester about the teachers as well as the subjects they teach.
- The institute had applied for college with Potential for Excellence (CPE) under UGC, where it has successfully conferred the status of CPE, Under the CPE various programmes for the upliftment of faculty members have been conducted viz. workshops on Research Methodology, Effective writing skills etc. Workshops on softskills viz. anger management, stress management, inter personal skills.
- The syllabus and courses have been framed or changed to CBC System, this has lead to enhancement in terms of laboratory equipments, books etc.
- Teachers maintain a diary which is utilized for feedback.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- There are review meetings to analyze the targets achieved periodically.
- All the Department incharges and various dhara incharges are responsible for the effective implementation of the policies and plans. Periodic reviews are carried out by the Principal along with the faculty members.
- Feedbacks available from the students and stakeholders are considered for the improvement of the plans and policies.
- The Jt. Secretary of CVM in charge of our college has frequent meetings with the faculty to review academic performance of students and enhance research output.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The top management supports the faculty's pursuits for enhancing the academic qualification of the faculty. It also helps in providing required infrastructure based on the demand of the syllabus.

- Management also motivates by being part of the programmes arranged in the institution.

- From this academic year, special motivation is provided for taking active part in research activities.
- It also sanctions leave for attending the seminars, workshops and conferences for the development of faculty members.
- Total economic and infrastructure support is, provided by the management when any programme is organized by the institute.
- Top Management distributes prizes/rewards to the best performers on Vidyanagar Day.
- Faculty members are given co-ordinatorship of various add-on courses. The incharge of various departments are responsible for departmental growth.

6.1.6 How does the college groom leadership at various levels?

Grooming leadership at various levels:

At student level, the institute has started a soft skill development programme, wherein the students are trained under various fields viz leadership, team building, decision making, time management, personal grooming. The students are assigned duties and responsibilities by making them secretaries of various Dhara. The General Secretary of the college is selected on the basis of merit.

Each faculty member is given some administrative responsibilities to carry out and a free hand is given to take informal decisions.

- Faculty members are motivated to become member of professional bodies of respective fields.
- Management and leadership workshops are organized by the institute for development of their faculty members.
- Faculty Members are allowed to be a resource person in other institution.
- Faculty members are given responsibilities of various committees of the college.

Academic Input	Saptdhara	- Supportive Committees
5 Faculty members are in Board of Studies in Home Science	Gyandhara	- Grievance Redressal Cell (GRC) - Career & Counseling Cell (UDISHA)
2 members in Senate (Ms Alpana Shah College Representative) (Ms Bhavna Chauhan Faculty representative)	Samudayik Seva Dhara NCC NSS Khelkood dhara	- College Cafeteria - Media contact - Reception committee - Alumni committee - Discipline committee
Counseling committee for Admissions.	Kala Kaushalya Dhara	- Enhancing college surrounding
Time table committee	Geet Sangeet Nritya Dhara	
Academic Calendar committee	Sarjanatmak Abhivyakti dhara	
Examination committee		
Library committee	Natya dhara	
Purchase committee		
ICT Prog. CPE - Research committee CPE- Extension committee CPE- Study material committee	Magazine	

Counseling is an integral part of working in the college wherein the each faculty member is incharge of 25 students for academic and personal counseling.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the instruction and work towards decentralized governance system?

- The department incharges are responsible for distribution of the workload and planning the departmental time table.
- The Principal is consulted in case of grievances of faculty.
- The departments are free to check out the infrastructure plan which is required for the syllabus.
- The Incharges take suggestions regarding academic and supportive services which are then conveyed to the Principal,
- Planning of training programme, workshops, is done by the department incharges in consultation with the department faculty.
- Purchase of books and equipment pertaining to the subjects are decided by the Incharge of the Department and then put up for approval to the Library or purchasing committee.
- Purchase of equipments is done in the departments by the help of the concerned subject teachers, incharge of the departments and the purchase committee headed by the Principal.
- All the departments organize -departmental functions at their own level eg. Celebration of various weeks like Mothers Milk Week, Nutrition Week, Consumers Week, Balwadi Day.
- Teacher's day, Welcome and farewell programmes are organized at the department level.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, Most of the major decisions are taken in consultation with the faculty members.

- Care is taken to maintain transparency in the management. eg. for the use of CPE funds, faculty members participate and are members of various CPE committees e.g. Teaching & Learning, Research, Extension etc. where they are given a free hand in planning and using the resources.
- Teachers prepare and manage the academic calendar, Annual Day programmes, seminars and workshops.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

- The Vision, Mission, Goals and Objectives of the institute are true indicators of its quality enhancement policy. Keeping this in view, the CBCS syllabus was formulated in 2009-10 and implemented from 2010-11.
- The career and counseling cell – UDISHA prepare the students for future job opportunities.
- The state government has also established a body called KCG under which various activities are organized for faculty development like Capability Building seminar, Research Methodology workshop where our faculty members are participants as well as resource persons.
- Staff development programmes are also conducted and staff is motivated to enhance their educational level, 5 Members are at the various levels of completing their Ph.D.in respective fields.

- The IQAC reviews the entire activities of the college and prepares the IQAR.
- Various Sapta Dharas Activities are organized in the college, the workshops; seminars are designed keeping Vision, Mission, Goals and objectives in mind.
- Under Chalo College Abhiyan, a peer team from the State Govt. deputed by the KCG visits the college and reviews the activities carried out.
- Self appraisal, Academic performance Index is carried out.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, under the CPE grant, we propose to have a seminar room, with all the latest facilities. College is in the process of upgrading laboratories and classrooms to enhance teaching and learning. Purchasing latest books, preparing study materials, faculty training programme to enhance research skills, workshop for third year students to orient them to research.

As a part of extension Activity College intends to work with the ICDS functionaries, adopt a tree programme for students and faculty has been implemented, developing kitchen garden. Herbal & medicinal plant corners for use in the college canteen and lab nursery school is in process.

6.2.3 Describe the internal organizational structure and decision making processes.

- The faculty members and the Principal conceptualize the plan i.e. Infrastructure improvement or implementing add-on-courses which is then sent for formal approval to the respective Secretary of the Charutar Vidya Mandal, in charge of the college. If major financial decisions have to be taken or a major policy change is involved, the consent of the Chairman of Charutar Vidya Mandal is taken and passed through the governing body.
- Saptdhara activities, decisions are taken by the Incharges in consultation with the Principal.
- For major decisions where infrastructural changes or economic inputs are involved, the faculty member discusses with the departmental incharge and Principal and it is finalized in consultation with the Secretary CVM taking approval of the chairman.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

Teaching and Learning

- Faculty members are deputed for seminars and workshops.
- For young faculty members, feedback on their teaching is taken.
- Preparing study material
- Curriculum is designed based on changing global needs.
- Teaching aids are used according to the demand of the subject.
- Continuous development of faculty members is encouraged by the institute.
- In framing syllabus, suggestions from various stakeholders like entrepreneurs, fashion designers, physiotherapists, medicine faculty, school Principals, commerce teachers are taken.
- Four faculty members are trained in Active learning methodology and shared with the other members for the benefit of students.

Research and Development

- In the seminar, small scale researches at Third year are encouraged and guided by the teacher.
- Under CPE, a two day workshop on developing research culture in Home Science was conducted.
- Small scale collaborative research with government functionaries.
- Faculty members apply for minor research projects for UGC.
- Faculty members participate in upgradation programmes viz. Seminars, Workshops, Symposiums, and Conferences of their respective fields.
- Innovative therapeutic recipes are developed by the students.
- Faculty members of nutrition guide PG students of IGNOU in M.Sc. (DFSM).
- A number of faculty members guide M.Sc. students at Post-graduate Department of Home Science.
- Six faculty members are pursuing their Ph. D.
- To enhance the research activities of the faculty members in-house workshops are organized by the institute by visiting experts e.g. from technical writing skills, workshops on “Application of Statistics in Promotion, of Research Quality in Home Science under C.P.E. status.

Community engagement

- Under the Samudaik Sewa Dhara, the students work in villages.
- NCC cadets of the institute also help in the immunization programme of the Government.
- National Integration Programmes are conducted under N.S.S.
- Vulnerable sections of Vidyanagar and surroundings become the target group for community projects like lecture, Nutrition Health Education for pregnant and lactating women, the feeding practices for infants, many social issues through role plays are covered.
- Workshops for SEWA workers were conducted to enhance their capabilities and make them technically sound. e.g. workshop on Natural dyes conducted by Textile and Clothing Department.
- Place/Venue is provided free of cost in the institute wherein they can exhibit their products, produced by SEWA workers.
- Students in Programme for Rural and Urban development visit Communities like slum area performing street plays on consumerism, Beti Bachao, Environment Conservation.
- Various days are celebrated in collaboration with the NGOs.
- Students are placed for internship in various welfare centres.
- Breast feeding week, Consumer week, Nutrition week, Balwadi Day are the highlights of the major departments where many activities are carried out for the community.
- By means of various Saptdhara activities, the institute inculcates qualities of good citizen in students.
- Extensive work is carried out in collaboration with JCI, Anand and Interwheel club of Anand Round Town, Red Cross Society throughout the year.
- The prominent projects being Blood donation, Thalassemia Check-up camp, lecture on Thalassemia, International Women's Day celebration, Integrity Day, Consumer Day celebration etc.

Human resource management

The college working pattern demands a lot of intradepartmental, interdepartmental, intercollege, college and community interactions:

- The departments of the college have a conducive environment of working which makes it easier for the faculty members to perform their duties. Departmental activities are planned and executed by the department in consultation with the Principal. All the faculty members participate in the departmental activities.
- Many courses demand interdepartmental liaison. The elective subjects offered to the students are planned inter departmentally.
- Expertise of the faculty members is availed for academic and non-academic purpose.
- The institute is in constant touch with the sister institutes of the CVM and University departments for various academic programmes. Guest faculty from various institutes visit the college for training the students in various subjects in add-on as well as self financed courses.
- The administrative staff works in close liaison in executing all the programmes successfully.
- The college closely works in collaboration with the Government and Non-government agencies.
- The college was identified by the KCG State Government initiative to organize a capability building programme for Assistant Professor and Associate Professors of the Home Science Colleges of Gujarat from 12th March 2012 to 17th March 2012 under the mentorship of the Principal.
- Various student committees are formed which work in liaison with the faculty members to execute the activities planned under various dharas.
- NCC and NSS were an integral part of the Extra/curricular activities.

Industry interaction

- The college works with the industry in various areas related to food and beverages, Hotel Industry, Horticulture department of the government, the education sector, where in consultations are offered according to the need of the client, NGO's and Early Childhood Education Institution .
- The Commissionerate of Higher Education designated the Principal of the college as District Coordinators of Anand District from 2009 to 2012 for various activities of the commissionerate.
- Final year students of Foods and Nutrition and Food Science and Quality Control are placed in hospitals during summer vacation.
- Students of third year Human Development and Foods and Nutrition undergo internship/training as a part of syllabus.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Yearly magazine is published wherein all the activities of the college are highlighted. Faculty members, students' development, achievement of the faculty members and students are reflected in the magazine.

- Coverage in print media is a regular feature which is carried out as and when there are college activities and achievements.

- Eminent personalities from the state and town are invited to the college to grace the annual day celebrations.
- Stakeholders and other guests are also a part of activities in the college.
- Parent teacher meetings are organized to make them aware of the student's progress and other college activities.
- The college organises many events where regular presence of the management personnel is there.
- Periodic meetings of the Head of the institute with the Secretary take place.
- The Secretary also visits the institution and has a meeting with the staff members wherein individual and the overall department of the faculty member is assessed.
- The Principal is in constant touch with the faculty members and the non teaching staff, which is reported to the top management by her.
- Management also gives feedback to the Institution head. Management is given the report of Teachers performance by student appraisal form each semester.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- The management takes keen interest in the various activities carried out by the institute. It approves and provides grants for the same. It also encourages by supporting with the guidance needed.
- Regular monitoring and feedback by the management is provided.
- Total support to the Principal to manage the Anganwadi Workers Training Centre (AWTC).

6.2.7 Enumerate the resolutions made by the Management council in the last year and the status of implementation of such resolutions.

- Autonomy to manage the institution is given to the Principal.
- Private tuition are banned but weaker students can be helped by taking extra coaching in the college.
- Target towards 100% result
- Daily diary for faculty.
- Purchases to be made under supervision of C.V.M. authority. Payment to be given by cheque if the amount exceeds 200/-
- Emphasis on research by faculty

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes' what are the efforts made by the institution in obtaining autonomy?

Yes, till date the institution has not applied to obtain autonomy.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

- The College has a grievance box/suggestion box which is opened in the presence of the general secretary of the student's council. The grievance committee consists of the Principal, one senior faculty and Vice President of the student's council. The grievances are analyzed and addressed accordingly.
- The Principal has allocated one hour everyday i.e. between 3.00 pm to 4.00 pm to students to address their problems.

- Management also informs the Principal regarding any direct grievance which comes to their knowledge, in reference to students, faculty administration.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No, in the last four years, there has been no instance of court case filed by and against the institute.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' what was the outcome and response of the institution to such an effort?

Yes, the institution has developed a feedback mechanism where the students are given forms and they are asked to fill up these feedback forms for assessment of the faculty members as well as the subjects taught by them.

- Forms are then assessed under secrecy and the faculty members who need improvement according to the feed back from the students, are counseled by the Principal and guided.
- The management also takes keen interest in the development and improvement of teachers' performance.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

- The teaching staff is encouraged to participate in the professional workshops, conferences, seminars, related to their area of specialization.
- Faculty members are also encouraged to pursue higher studies especially doctoral studies along with it, they are also encouraged to present research papers.
- Faculty members are motivated to apply for minor/major research projects under UGC.
- Teaching and non-teaching staff under takes training in computer skills, along with soft skill training.
- A capability building workshop for teachers was organized by the college under KCG.
- KMPF is Knowledge Management Programme for Faculty wherein the faculty gets training for institutional development. Faculty develop through personal and professional development. Ms. Kalpana Srivastava and Mr. Yogesh Vadwala have under taken KMPF training to become a KMPF trainer, and in turn organized such training for the faculty members.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating employees for the roles and responsibility they perform?

For faculty empowerment, the strategies adopted are:

- Provide soft skill training through workshop.
- The Faculty members are assigned responsibility of Saptdhara in rotation. Where it is their responsibility to manage all activities within the budget allocated and write a report, this is an enriching experience for the faculty.

- Workdone by the faculty is recognized during the annual day and recorded in the university and management report.
- Faculty members are encouraged to participate in training programmes organized by the academic staff college S.P.Universtiy and KCG State Govt. in their respective subject of specialization and research areas.
- They are encouraged to present papers in seminars conferences and symposiums at the state and national level.
- Each department is provided computer and internet facilities.
- Faculty members of the institute are invited for expert lectures by SANDHAN for which the institute gives duty leave and other facilities. One of our faculty members Ms. Alpana Shah is the coordinator for Home Science in Gujarat for which she has undergone training.
- Faculty members are motivated to go for workshop organized by Granth Nirman Board.
- Faculty members are also granted permission and encouraged to perform duties as resource persons in various academic institution, government bodies and NGO's.
- Faculty members are given co-ordinatorship of vocational, add-on-courses and distance learning courses.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- Evaluation of teacher and courses is done by the students. The results are discussed with the respective teacher.
- An appraisal form is used by the institute which the teachers are supposed to fill up and submit.
- Teacher's diary is checked every semester.
- Principal takes feed back from stake holders.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- The Principal and the Incharge Secretary of the CVM for the Institute, have regular meetings with the faculty members.
- The faculty members are motivated to take more active part in research.
- A few faculty members have put up minor research projects. Major research project is also proposed.
- To encourage research culture in Home science, a five day research workshop was organized.
- The positive aspects of the faculty members are appreciated.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemers in the last four years?

- The welfare schemes provided by the university are the University Health Centre where the faculty can avail services of consultant by paying a minimum charge of Rs.10/-
- Management provides residential facilities, Gymnasium and Sports facilities.
- University also has a staff welfare fund.

- The staff uses the Health facilities, two of the faculty members avail residential facilities, sports and walking path facilities are used by all.

6.3.6 What are the measures taken by the Institution for attracting retaining eminent faculty?

- The mobility of the staff is less in the institute.
- Teachers are encouraged to pursue higher studies, other facilities like residential, health centre facility etc are provided. Admission of children in management schools and colleges are considered.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- Budget is prepared at the beginning of the year.
- Add-on-course managed by the institute.
- The institute carries out Energy Audit.
- Use of various grants is very transparent.
- The equipments and other infrastructure requirements are purchased after proper scrutiny by the C.V.M. secretary.
- The Mandal approved rate contracts for chemicals, stationery etc.
- An active purchase committee in the college consisting of Principal and three faculty members. Three Quotations for purchases of any equipment/furniture are invited, from which the lowest price quotation is given the order to purchase after consultation with Secretary of CVM.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- The internal audit consists of an audit from the CVM auditors, and secondly an audit firm (Kiran Patel's) is hired for regular audit.
- The external Audit is carried out by the reputed Chartered Accounting Firm Apaji Amin, and Accounts are also audited by the State Government department of higher education.
- The last date of Government Audit was on 31th March 2012 where no major audit objections were raised.

6.4.3 What are the major resources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative of the previous four years and the reserve fund/corpus available with Institutions, if any.

- This is a grant-in-aid institution thus 100% salary grant comes from the government. Moreover the Government gives Rs. 75 per student per year for miscellaneous expenditure.
- Fees collected include Laboratory Fee, Library fee, Gymkhana fee, internal test fees.
- The deficit is borne by the management.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- Additional fundings are procured by having add-on-courses; self financed vocational courses, managing a creche and Nursery school and endowment fund.
- The funds are deposited with the management and utilized for effective management of the courses. Endowment fund is used when ever there is alumni meet seminar or workshop.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes, the institution has established an Internal Quality Assurance Cell (IQAC). Since the senior members are involved in the IQAC, the Quality maintenance efforts percolate to the other faculty members.

The decision implemented and executed are;

- The teachers are assigned students for counseling regarding academics and personal problems.
 - The institution has also formed a career counseling cell, wherein, the students are benefited by various seminars and workshops for their bright future.
 - SANDHAN activities are also planned out throughout year.
 - A Placement cell 'UDISHA' looks after the opportunities for the students.
 - Stakeholders are involved in planning the syllabus.
- b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?**
- The new syllabus has been approved by the University authorities.
 - Digital Education and learning lab has been approved and is functional.
 - According to the new syllabus, whatever equipments are required are purchased after the approval from the authorities.
- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**
- Yes, The IQAC does have external members from local area and management. The external members help in planning out the internship and also help in arranging eligible guest speakers.
- d. How do students and alumni contribute to the effective functioning of the IQAC?**
- Students are not members of IQAC directly, but indirectly they hold positions in the Executive Council under Saptdhara wherein they carry out activities and contribute in IQAC.
 - Some faculty members are alumni who contribute to the effective functioning of IQAC.
- e. How does the IQAC communicate and engage staff from different constituents of the institution?**

The IQAC formulates programme and then it is put up in the staff meeting where it is discussed and then each faculty member is given responsibility as per the plan.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

- A functional IQAC is a proof of Quality maintenance and assurance of academic and administrative activities.
- Exam results are evaluated regularly.
- The Government of Gujarat organizes 'Chalo College Abhiyan' where the authorities study and analyze the college activities.
- The accounts are computerized.
- Tally programme is used for accounting.
- Each person in the office has been provided with computer.
- Specific duties are allocated to the support staff.
- There is a regular Internal and External Audit by the Management and the Government.
- The office staff is trained and qualified CCC.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, Institution makes an effort to provide training by arranging workshops and trainings viz stress management, anger management, interpersonal skills etc. Workshops like research methods and technical writing skills are organized to improve the quality.

- Office staff has under taken training to use tally software.
- The Librarian is trained to use SOLE software.
- The support staff is trained to use new machines and equipments like the Photocopier and the Scanner.
- A workshop on 'manners and etiquettes' is planned for the support staff.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

IQAC report is prepared every year which in itself is an academic Audit and it gives us the idea of our strength and weaknesses.

- At the beginning of the academic term, the report of the previous year's IQAC is discussed and with the view of improvement, the state government has introduced AAA and 'Chalo college Abhiyan' to assess the academic standards and the college actively participates in it.
- As a credit to institution, almost all the faculty members have been invited by the Government of Gujarat to deliver a talk in 'SANDHAN' which is an external indicator of their Quality.
- Self Appraisal by faculty and API is a review of academics.
- Teachers also maintain a teachers Diary.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant quality assurance agencies/regulatory authorities?

- For Internal Quality assessment/assurance mechanism has formed IQA Cell.
- The Management of CVM has a Joint Secretary in charge of the college who is also responsible for quality assurance. Moreover, KCG authorities also visit the college in 'Chalo College Abhiyan'. The State Government has introduced Academic &

Administrative audit (AAA) which the college has filled thus the IQAC mechanisms are aligned with the requirement of the external Quality assurance.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

To review the teaching learning process continuous review and evaluation of all aspects is carried out by the principal. The principal also reviews the test results of each semester for each subject and teacher.

- Subject and teacher evaluation helps in improving the standards.
- The Secretary Incharge of the college of CVM takes review meetings with the staff to find out developments.
- Suggestion and grievance box is placed in the college for students.
- After a time period, the box is opened, and discussed with the concerned teacher and students.
- The Central Committee meets twice a month to discuss the problems.
- Teachers make SWOT analysis in the class at individual level.
- Teachers are also supposed to maintain a teacher's diary.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

To communicate the Quality assurance policies, the college published a college magazine, where in all the achievements are highlighted.

- We invite stake holders for annual day celebrations.
- Parents are called in for interactions with the department and subject teachers as well as the Principal.
- News / Informations / developments are published in the local leading newspapers.
- The Principal meets the Management to appraise the developments of the college.
- Stalls are put up at Trade fares like Vidyog for the community.
- All the departments organize exhibitions where stakeholders and people from the community are invited.
- The college has a strong representation in the Academic council, Senate and Syndicate. Moreover, 5 faculty members are members of Board of Studies of Home Science panel.
- The Principal, Ms. Rekha Emanuel is an executive committee member at B and B Polytechnic. She is also on the panel of Mid Day Meal along with Ms. Bhavana Chauhan. The Principal is also the past district co-ordinator for Swarnim Gujarat celebrations of Anand district.
- Ms. Nidhi Gupta, Ms. Kalpana Srivastav, and Mr. Yogesh Vadwala have obtained a minor research project.
- Ms. Vijaya Agarwal has been trained as a soft skill trainer from JCI University.
- Ms. Paresha Patel is Board member of Anadalaya School managed by the National Dairy Development Board.
- Ms. Alpna Shah is the co-ordinator of SANDHAN Programme of the Government.
- The college has an Anganwadi Workers Training Centre functioning since April-1983.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

GREEN AUDIT

In all the laboratories CNG is used (Compressed Natural Gas) thus pollution is under control. The campus is Green with number of trees and vegetation.

Polluted chemicals used in the Laboratories go through drainage system to the water treatment plant managed by the Nagar Palika of Vallabh Vidyanagar.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

Energy conservation

A committee of two faculty members, one administrative staff and one support staff is formed to control the waste of water and electricity.

The college offers a course in "Environmental studies", at F. Y. level to develop sensitivity towards environment. The students are assigned activities on their roles in protecting environment thereby developing environmental awareness.

Various activities like :- Puppet show on conservation of environment for school children, presentations by inviting the experts from various fields, lectures, etc. are conducted to inculcate environment awareness among students.

Film shows are organized on "Global warming and environmental Hazard" for the students. Students also participated in Essay writing on "Environmental Issue and human life, pollution control and remedies, global warming", etc.

A competition on "Waste Disposal and utilization and "No Polythene Week" were celebrated for F.Y., S.Y. and T.Y. Students on the campus. Lecture on recognizing medicinal plants and its uses were given by the expert for enhancing the knowledge of students. Every year college celebrates "Environment Day".

A training programme on household waste management was organized for housewives of Vallabh Vidyanagar by our Faculty where students also participated.

Use of renewable energy

Demonstration on the use of solar cooker in department of Foods and Nutrition in laboratory work is a part of their practical work.

Composting of refuse and its use as organic fertilizer is a common practice.

Burning of refuse in the college campus is avoided.

In the Hostel Solar Water heaters are installed.

Efforts for Carbon Neutrality

There is minimum carbon emission in the college campus. Yet lot of greenery is maintained around the campus which leads to carbon neutrality if any. We discourage practices of burning of paper, plastics, etc. in the college campus.

Plantation

Every year under the activity of N.S.S. "Tree plantation" is carried out by the students of the college. The college has started 'Eco-Club', Under CPE, extension activities 'adopt a Tree' programme was introduced where each staff member has planted a tree and adopted with their names and promised to look after it. Moreover a medicinal herb corner and kitchen garden have been introduced under C.P.E. Extension Activities.

Hazardous waste management

The chemicals used in laboratories is directly drained to Vallabh Vidyanagar Panchayat water treatment Plant.

E-waste management

The college has a practice of maintaining dead stock register for e-waste. This record is sent to Charutar Vidya Mandal as it is centrally managed.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The various innovations introduced in last four years are:-

- Introduced LCD in FY and SY B.Sc. classrooms (under CPE status) which has made teaching simplified and an extensive knowledge can be imparted to the students. It helps the students to concentrate more as they can visualize what teachers deliver. Lectures can be made more interesting by use of LCD as we can add pictures, relative movies, graphics, etc. Institute has made provision of collar mikes in the class room.
- College has introduced elective courses under CBCS System, where students get an opportunity to select subject of their choice other than their routine syllabus. This helps the students to develop their skills in field of their interest eg: (1) Yoga. (2) Health & herbs (3) Grooming (4) Counseling Techniques etc.
- Total Change in Syllabus as per CBCS and UGC norms has been introduced in all specialization. The syllabus is designed according to the changing trends in education and technology and global needs enabling the students to develop their persona as per the need of time.
- Selection of specialization subject has been introduced in III semester. Which was earlier done at IV Semester?
- Counseling has become an integrated part of the campus which is a need of this demanding time for students. We have a very well developed counseling system where 20 students are given to one teacher for counseling. Every week students meet and talk about their problems, strength, weakness, personality aspects, personal and health problems and find a solution if needed. It has shown many positive outcomes like resolving health problems in poor girls, career related confusion, combat depression problems in initial phase.
- College has introduced 'UDISHA' program for girls under Govt. of Gujarat where in data of final year students have been uploaded for their career aspects under GSDM portal for job opportunities.
- Vivekanand corner has been developed in our college library where books on Swami Vivekanand and information are displayed for enhancing positive attitude in students.
- College canteen provides nutritious food as it is managed under the supervision, of faculty. It is also utilized as a laboratory for the practicals in the subject Institutional food service management.
- Parent-Teacher Meeting: Each department organizes a PTM every year where parents are invited to discuss their wards' progress, achievements, job opportunities, further studies and overcome difficulties if any. This also helps in developing positive approach in parents towards the campus as well as faculty.

- Along with introduction of CBCS system, faculties have developed a study material as well as question bank in each subject in English and Gujarati which will help the students to carry-out simplified references which can be used as an effective guide in respective subjects.
- The college has also implemented Active Learning Method (ALM) as a part of teaching, where students are made to participate in classroom discussions. While teaching, inculcating the habit of references as well as participation of students in classroom learning is encouraged. This helps the students to grasp more and enjoy the learning process.
- Many departments arrange film shows for students of final year, where they are made to watch films on subject related themes like social aspects, girl child etc and discussion is followed by the respective faculties. Film and Documentaries like Water, Dor, Bhumika, Laksh and environmental aspects etc. were shown.
- 'On the Job Training' is given in various industries, old age homes, ECCE Centres etc for training the students and providing exposure to them on real life facts. It brings out a positive psyche and a change in work style/pattern and mind set of today's generation.
- The college organizes seminars, workshops for students of final year on Research to inculcate research related clarity and practice in them.
- We have introduced DELL (Digital Education and Learning Lab) for students under Govt. Scheme which develops English language skills and learning through laboratory sessions.
- The college has started 'Add on Course' in 'Sports Nutrition' which is unique and for the first time in Gujarat. And is followed by Add on courses in 'Fashion Design' and 'Interiors'.
- A Gym has been started under Sports Nutrition.
- Teachers participated in various workshops, seminar, conferences, etc. Under the guidance of Principal. A Capacity Building Program on enhancing initiative for competence building was organized in collaboration with K.C.G. for Home Science faculties of Gujarat State.
- A career counseling cell started under UGC for the benefit of students is continued in the interests of students.
- To address the personal problems of hostel students a hostel incharge from the faculty has been appointed, who tackles the problems of hostel girls regarding boarding, Lodging, personal, academic as well as inter personal.
- The college is in close contact with the NGO's, Shree Krihsna Hospital, Karamsad, Dr. Jethwa, (ophthalmologist), Ayurvedic College, etc for General body check-up. Every year regular general body check-up, eye check-up, dental check-up etc are taken up. Every year Thelesemia checkup is conducted involving F.Y. B.Sc. Home Science students help of Red Cross Society is taken.
- As a part of state Govt. Programme 'Sandhan' which is relayed through BISAG. The college has installed all facilities for the same. Most of the faculty members have visited BISAG for delivering lectures on various topics of Home Science. The students are exposed to various subject related lectures through this.
- Skill development programmes were organized by each department with a view to help students for future placements.

PRESENTATION OF PRACTICE

Title of Practice: Counseling for students.

Goal

The aim of the practice is to help the students to overcome their personal, family and academic problems if any. It is also useful for overall growth of the students as they are exposed to various experts through talks, workshops, seminars etc. This gives accessibility to information coupled with professional guidance to the students with varied background. Thus it helps to make the students confident to perform better.

The context

It was observed that the young girls were undergoing various personal problems, thus a counseling practice was introduced to help them deal effectively with their academic, financial, inter & intra personal problems. Counseling was interwoven in the college time table.

The Practice

- Each faculty has been allotted a minimum batch of 20 students. The Students are given counseling forms to be filled up along with photographs and contact numbers.
- Guidance is focused on various issues like academic, financial and health.
- Students who have missed college due to long sickness or accident are helped by faculty academically.
- Faculty members counsel the students in rapport building with peers. They motivate them to express their opinions.
- Counselor pays attention to students who have missed their theory/practicals for more than 5 days and make them understand the importance of regularity.
- As we have many students coming from villages who are first generation learners, special counseling is given to make them understand the importance of studies and relieve them from fear, anxiety and stress. Thus improving their results.
- Counseling helps the students to overcome language problems. Students are counseled to improve family relationship.
- Guidance on future aspects i.e. how to face an interview and how to prepare a resume is also given due importance.
- As a few girls are married, the counselors help them to overcome marital problem, maladjustments, family planning etc.
- The counseling is arranged in groups as well as individually as and when the students need.
- Our institution has a unique practice of involving parents whereby the department arranges expert's lectures.
- Further the parents along with their wards are counseled regarding further studies, job scopes, areas of interests etc.
- No significant constraints are faced in such meetings.

Evidences of Success

- We secure almost 100% successes in academic results.
- By counseling many students change their mindset and pursue P.G. Studies instead of working or getting married.
- Many students who do not pursue further studies due to personal or financial reasons take up jobs in schools, hospitals, NGO's etc.
- Counseling helps many students to overcome their personal, academic and financial problems.

- Counselors have helped out students to overcome their health issues by involving their parents (eg. Tumor in breast). At times if the student is found to be under depression we have sought the help of a psychiatrist to guide the child to overcome that phase and proceed successfully in life.
- We have also helped students to overcome their wrong decisions in inter personal heterosexual relation and hence made them settle positively in their later life.
- This practice has been taken up very positively by the teachers and the students and have achieved positive outcome towards the growth of students and on the whole society.

Problem encountered and Resources required

We have not encountered any major problems in this practice except in the early period of counseling where in we have to build a rapport with the 1st year students till they develop trust and positivity in the counselors.

- We have arranged a peaceful place for personal counseling of a student if they need individual discussion. At times counselors address the problems of students in the college garden provided student feels it comfortable.
- Resource persons are invited to talk on Stress management and Anger management etc. Every year we invite parents by organizing a parents meeting where future career prospects and opportunities for further studies are discussed and parents are encouraged to send their wards for further studies.

Counseling is taken as a religious duty by the counselors as we know the need of the students well and also the back-ground form where most of the students come.

PRESENTATION OF PRACTICE

1) Title of the Practice:

Training in Digital Educational and Learning Laboratory.

2) Goal:

- To enable the students to face the Global Scenario by enhancing their communication skills in English.
- To impart training through certain grammatical competences.
- To develop communication skills among students through Digital Education and Learning Lab where flexibility in teaching learning process is the catch word.
- To enable the course participants to improve their levels of English language and to remove the fear and phobia of English as a language for communication.
- To prepare and encourage the course participants to sharpen their expressional skills for competitive exam.

3) The Context:

This practice has been introduced with an aim to enhance the ability of the students to understand English and Communicate in English as majority of the students are from Gujarati medium schools. As suggested by the Peer members during the cycle it is conducted in small batches of 20 to 25 students.

4) The Practice:

The college has well equipped Digital Education and Learning Lab (DELL) with 25 computers since June-2009.

It includes the following practices:

- Certain grammatical Structures/Competences useful in Functional English.
- Sequence of tenses

- Correcting common blunders while speaking.
- Tag Questions
- Vocabulary with appropriate sentence structure vice versa.
- Ways of indicating agreement, disagreement, inviting and politely denying invitations, greetings, apologizing, asking and giving permission, etc.
- Clarity of Pronunciation.

Use of Digital Education and Learning Lab

- Selected units from ESL (English as second language)
- Selected units from English as a Fundamental Language.
- CL client, EL client and Content selector softwares are used for developing in the student's functional English interview skills as well as personality development.

5) Evidence of Success:

- A. The main thrust of this course is functional English rather than literary English, hence the major gap in employability can be bridged .
- B. In the academic year 2009-2010, 192 students had been registered and trained. In the academic year 2010-2011, 271 students had been registered and trained. 187 students cleared the 'A' level exam of society for creation of opportunity through proficiency in English (SCOPE) University of Cambridge in July 2010. While 271 students have appeared for the SCOPE examination in July 2011, where in all students got success. In September 2012, 212 students will be appearing for the SCOPE examination.
- C. ESOL Examinations where in 74 students secured A2 grade, 82 students secured A1 grade while 31 students secured pre A1 grade.
- D. Many students empowered to choose a job rather than chase it.
- E. This course has a very positive effect on the students to face interviews.
- F. The course is very much beneficial for students/housewives and professionals.

6) Problems Encountered and Resources Required:

- Sometimes students need to be motivated.
- The lab has all the necessary resources.

Contact details:

Name of the Principal	: Prin. Rekha Emanuel
Name of Institution	: S. M. Patel College of Home Science
City	: Vallabh Vidyanagar
Pin Code	: 388 120
Accredited Status	: B ⁺
Work Phone	: (02692) 230245
Website	: www.smphomescience.edu.in
Mobile	: 09375033212
Fax	: (02692) 230245
Email	: rekhaemanuel@gmail.com

EVALUATIVE REPORT DEPARTMENT WISE:

Department of Foods and Nutrition.

- Name of the Department** : Foods and Nutrition
- Year of the Establishment** : 1974
- Name of the programmes/Courses offered (UG, PG, M.Phil, Ph.D, Integrated masters, Integrated Ph.D. etc.):**
B.Sc. (Home Science) Foods and Nutrition, B.Sc. (Home Science) Food Science and Quality Control, Certificate and Diploma course in Sports Nutrition, M.Sc. (DFSM), and IGNOU Study Centre.
- Name of Interdisciplinary courses and Department/Units involved:**
Elective and core inter disciplinary courses: Therapeutic Diet, Programme for Rural and Urban development, Entrepreneurship, Community Nutrition, Marketing Management, Computer application in Foods and Nutrition, Sociology, Communication process in development, Public health epidemiology, Food service management, Sport Nutrition, Food Science Quality Control.
- Semester/Choice based credit system
- Participation of the Department in the courses offered by other Departments:**
The faculty members take lectures in the foundation, core and elective courses offered by other department. The students are given a choice in elective of other departments.
- Courses in collaboration with other Universities, industries and foreign institutions, etc.:**
 - M.Sc. Dietetics and Food service management (DFSM) IGNOU study centre.
 - A Project on march from Red to Green Zone to combat malnutrition in Anand district block-I in selected aganwadies in collaboration with District Development Officer, Anand.
- Detail of the courses/programmes discontinued (If any) with reasons:**
No, we have not discontinued any courses so far, however we have made changes in either the title of the course or the content of the course as per the global needs.
- Number of teaching posts**

2008-09		2009-10		2010-11		2011-12		2012-13	
Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing
00	07	00	07	00	07	00	07	00	05

- Faculty profile with Name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.) :**

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Bhavana Chauhan	M.Sc. (Home) (Ph.D. ongoing)	Associate Professor	Foods and Nutrition	19	Nil
Ms. Shazia Sharma	M.Sc. (Home) (Ph.D. ongoing)	Associate Professor	Foods and Nutrition	20	Nil
Ms. Vijaya Agarwal	M.Sc. (Home) (Ph.D. ongoing)	Part Time	Foods and Nutrition	15	Nil
Ms. Minal Chauhan	M.Sc. (Home)	Associate Professor	Foods and Nutrition	05	Nil
Ms. Tanvi Makwana	M.Sc. (Home) B.Ed.	Associate Professor	Foods and Nutrition	05	Nil

11. List of senior visiting faculty:

1. Mr. Sanjay Ajmeri (Associate Professor)
2. Mr. I. N. Tandel (Associate Professor)
3. Mr. Pravin Goanker (Associate Professor)
4. Dr. Daxa Mishra (Lecturer)
5. Dr. Vinod Ravalia (Lecturer)
6. Mr. Dhananjay Dhruv (Associate Professor)
7. Mr. Hari Krishna Parikh (Associate Professor)
8. Ms. Viraj Shah (Assistant Professor)
9. Mr. Yogesh Chauhan (Associate Professor)
10. Dr. Uday Singh (Associate Professor)

12. Percentage of Lectures delivered and practical handle programme wise by temporary faculty:

Name of the Faculty	2008-09		2009-10		2010-11		2011-12	
	I	II	I	II	I	II	I	II
Ms. Tanvi Makwana	T 02 P 15	02 18		03 18	02 21	02 18	02 15	
Ms. Minal Chauhan	T 04 P 12	07 12	03 21	06 12	2 18	05 15		
Ms. Komal Verma	T 06 P 12	02 18	09 15				06 11	
Ms. Avani Kaushal	T P			02 18				
Ms. Mugdha Dixit	T P				10 09	06 10		
Ms. Vijaya Agarwal	T P		04 06			03		
Ms. Tejal Goswami	T 02 P 18	04 18	02 18	03 18	02 18			
Ms. Harshita Tandel	T P	02 18	01 21	02 18	05 18	02 24	02 14	

13. Student Teacher ratio Programme wise:

Class	2008-09	2009-10	2010-11	2011-12
F.Y. FSQC	3:1	2:1	3:1	1:1
S.Y.FN	6:1	6:1	6:1	5:1
S.Y. FSQC	4:1	3:1	2:1	2:1
T.Y.FN	6:1	6:1	6:1	6:1
T.Y. FSQC	5:1	4:1	3:1	2:1

14. No. of academic support staff (technical) and administrative staff : sanctioned and filled :

	Sanctioned	Filled
Academic support staff (technical)	00	01
Administrative staff	00	01

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG :

As mentioned in Question number Ten.

16. No. of faculty with ongoing project from A. National B. International funding agencies and grants received:

None

17. Departmental project funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

18. Research Centre/Facility recognized by the University:

SICART and Post graduate department of Foods and Nutrition.

19. Publications:

- Publicity per faculty : Nil
- Number of papers published in peer reviewed journals (national/international) by faculty and students : Nil
- Number of publication listed in International Database : Nil
(For eg. : Web of Science, Scopus, Humanities, International compete, Dare database-International Social Sciences Directory, EBSCO host, etc.)
- Monographs : Nil
- Chapter in Books:
 - Ms. Bhavana Chauhan-Textbook of Foods and Nutrition and Ms. Shazia Sharma-Text book of Meal planning for different stages by granth nirman board, Gujarat State.
- Books with ISBN/ISSN numbers with detail of publishers : Nil
- Citation Index : Nil
- SNIP : Nil
- SJR : Nil
- Impact Factor : Nil
- h-Index : Nil

20. Areas of Consultancy and income generated :

Consultations to the various agencies, governmental as well as non governmental organizations are provided on honorary basis.

21. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards

1. Ms. Bhavana Chauhan
 - Member of Board of studies, Sardar Patel University.
 - Executive member of Mid day meal programme
 - Vice chancellors nominee for selection of Adhyapak Sahayak, Government of Gujarat (SNDT South Gujarat)
 - Co-ordinator M.Sc. (Dietetic and Food Service Management) IGNOU
 - Co-ordinator B.Sc. (Food Science and Quality Control)
 - In charge Department of Foods and Nutrition
 - Founder member SASNET (South Asian Swedish Network for Fermented Foods)
 - Member of Senate, Sardar Patel University.
2. Ms. Shazia Sharma
 - Founder member SASNET (South Asian Swedish Network for Fermented Foods)
 - Co-ordinator (UGC sponsored Add on course in Sport Nutrition)
3. Ms. Vijaya Agarwal

- Founder member SASNET (South Asian Swedish Network for Fermented Foods)
- Convener, Indian Dietetic Association, Anand Chapter.

22. Student project

a) Percentage of students who have done in-house projects including inter departmental/programme.

Year	Percentage
2008-09	80%
2009-10	85%
2010-11	100%
2011-12	100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories/Industry/other agencies:

Year	Percentage
2008-09	100%
2009-10	100%
2010-11	100%
2011-12	100%

23. Awards/Recognitions received by faculty and students:

Year	Name of the Faculty	Name of the Students (Gold Medalists)
2008-09	Nil	Ms. Reshma Dodiya
2009-10	Nil	Ms. Janki Mandali
2010-11	Ms. Tanvi Makwana 1 st Position in poster presentation, Organized UGC sponsored two days National Seminar on "Issue Concerns and Challenges and Health of a Girl Child" on 26 th and 17 th Feb., 2010 in collaboration with department of Human Development, S.M. Patel College of Home Science.	Ms. Aishwarya Ushabala
2011-12	Ms. Vijaya Agarwal II nd Position in Oral Paper Presentation at Sardar Patel University Symposium in collaboration with the Gujarat Science Congress. Ms. Shazia Sharma III rd position in oral presentation at Sardar Patel University Symposium with the Gujarat Science Congress.	Ms. Jharna Patel

24. List of eminent academicians and scientists/visitors to the department:

National	International
Dr. Umesh Kapil – AIMS Delhi Dr. K. Rathnam – GM, Amul Dairy, Anand Dr. U V Mani – Professor and Ex. Head Department of Foods and Nutrition, Faculty of Home Science, M.S. University Dr. Vinayak Patel-Head, P.G. Department of Home Science, Sardar Patel University Dr. Rema Subhash-Professor, P.G. Department of Home Science, Sardar Patel University Dr. Komal Chauhan – Reader, Foods and Nutrition, faculty of Home Science, M.S. University Dr. Hemangini Gandhi – Lecturer, Foods and Nutrition Department, Faculty of Home Science, M.S. University	Dr. Judith A. Myers-Walls Associate Professor, Purdue University Dr. Volkar Thomas – Walls Associate Professor and Director Purdue University Ms. Sushma Jaishwal – UNICEF

25. Seminars/Conferences/Workshops organized & the source of funding:**a) National:**

- Organized UGC sponsored two days, National Seminar on “Health of a Female Child -Issues Concerns and Challenges” on 26th and 27th Feb.,2010 in collaboration with department of Human Development, S.M. Patel College of Home Science.
- Organized one day workshop for Anganwadi workers and recipe demonstration on 6th Aug, 2012 under CPE scheme.
- Organized two days workshop on “Capacity Building Initiatives for Anganwadi workers for Anand Districts” under CPE scheme on 27th and 28th Sept.,2012
- Organized a workshop on “Culinary Skills” 17th January 2012 for third year students.

b) International: None**26. Student profile programme/Course wise.**

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolle *F	Pass Percentage
Foods and Nutrition	2008-09	60	44	44	100%
	2009-10	58	42	42	100%
	2010-11	60	42	42	100%
	2011-12	37	37	37	100%
Food Safety and Quality Control	2008-09	19	19	19	100%
	2009-10	12	12	12	100%
	2010-11	22	22	22	100%
	2011-12	12	12	12	100%
Sports Nutrition Certificate	2008-09	--			
	2009-10	24			100%
	2010-11	23			100%
	2011-12	28			100%
Diploma	2008-09	--			
	2009-10	09			100%
	2010-11	10			100%
	2011-12	14			100%

27. Diversity of Student: None

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
Foods and Nutrition	99%	1%	Nil
Food Science and Quality Control	100%	Nil	Nil

28. How many students/Faculty have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Two Faculty members: 1. Ms. Minal Chauhan (NET)
2. Ms. Tanvi Makwana (NET, SLET)

29. Student progression:

Student progression	2008-09	2009-10	2010-11	2011-12
UG to PG	>50%	>50%	>50%	>50%
PG to M.Phil				
PG to Ph.D.	07	--	01	--
Ph.D. to Post –Doctrol				
Employed				
Campus Selection				
Other than Campus recruitment	8.57%	12.5%	17.24%	5.71%
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities:

- Library: College library is having subject matter related texts and journals
- Internet facilities for Staff & Students: The college has a full fledged computer lab having internet facilities and department has internet facility for the staff.
- Class rooms with ICT facility: 02 (Foods and Nutrition & Food Science and Quality Control)
- Laboratories: 05 laboratories equipped with all facilities, equipments and tables and stools required for practical.

31. Number of Students receiving financial assistance from college, university, government or other agencies:

The students are given free ship from government and CVM 35, students are the beneficiaries in the college and amount is Rs. 98610

Year 2008-2009

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Two	5660.00
2	S.T. (Govt.)	Three + Four (Seven)	10140.00 12870.00
3	S.C. (Govt.)	Four	13020.00
4	S.E.B.C.	Fourteen + Three (Seventeen)	29320.00 6690.00
5	C.V.M. (Mgt.)	Three	1495.00
	Total	Twenty Three	79195.00

Year 2009-2010

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Six	16315.00
2	S.T. (Govt.)	Seven	22140.00
3	S.E.B.C.	Twenty Three	48760.00
4	C.V.M. (Mgt.)	Four	1495.00
	Total	Fourty	88710.00

Year 2010-2011

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Eleven	29300.00
2	S.T. (Govt.)	Four	24000.00
3	S.E.B.C.	Three	9450.00
4	C.V.M. (Mgt.)	Two	1495.00
5	Handicap	One	2500.00
	Total	Twenty One	66745.00

Year 2011-2012

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Thirteen	10065.00
2	S.T. (Govt.)	Eight	1077180.00
3	S.E.B.C.	Forty Two	111040.00
4	C.V.M. (Mgt.)	Four	1495.00
5	Handicap	One	2500.00
	Total	Sixty Eight	232300.00

Year 2012-2013

National merit scholarship: students who have secured above 80% in 12std. are getting this scholarship eight students are getting the scholarship of Rs. 5000.
From Teacher's contribution fund: 06 students are getting financial aid.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

- Organized a state level symposium on recent advances in antioxidants research on 24 September 2007.
- Organized UGC sponsored two days National Seminar on "Health of a female Child Issues, Concerns and Challenges" on 26th and 27th Feb., 2010 in collaboration with department of Human Development, S. M. Patel College of Home Science.
- Organized one day workshop for Anganwadi workers and recipe demonstration on 6th Aug., 2012.
- Conducted a session in two days workshop on "Capacity Building Initiatives for Anganwadi workers for Anand District" under CPE scheme on 27th and 28th Sept., 2012.
- Organized a workshop on "Culinary Skills" 17th January 2012 for third year students.
- Dr. Hemangini Gandhi delivered a talk to final year student on Micronutrient deficiency on 25th September 2007.
- Dr. Darshana Patel delivered a talk on health and hygiene to T.Y.B.Sc. students on 1st August 2007.
- Dr. Somesh Shah delivered a talk on Importance of Mothers Milk to T.Y.B.Sc. Students on 1st August 2008.
- Mr Pallav Moitra delivered a talk on Hospitality Management to T.Y.B.Sc. students on 17th January 2009.
- Mr Malviya Deputy Commissioner Mid-day meal Programme delivered a Talk on Job opportunities for home science in government services on 17th January 2009.
- Dr. Komal Chauhan delivered a talk on geriatric Nutrition on 6th December 2010.
- Dr. K. Rathnam GM Amul Dairy delivered a lecture on Recent trends in food Industry on 17th January 2011.

33. Teaching methods adopted to improve student learning:

- Group discussions
- Lecture and discussion
- Practical
- Demonstration

- Audio visual aids
- Charts and posters
- Film shows
- Power point presentations
- Puppet shows
- Buzz groupings
- Quizzing
- Self help group
- Support partners
- Seminars
- BISAG SANDHAN lectures
- Role plays
- Case studies
- Study tours and excursions

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

2007-2008

- As a part of international breast feeding week celebrations 1-7th August A role play was done by students on 'Importance of Nutrition in lactation' at aganwadi training centre, V.V.Nagar.
- Dr. Darshana M. D. Gynae was invited to deliver a lecture on health and hygiene for aganwadi workers.
- Demonstration of lacto gouges rich recipe was organized for aganwadi workers by students of T.Y. B.Sc. FN major students.
- A project was carried in Vraj Bhoomi international Mogar, to asses the nutritional status in school going children from 29th to 31st August.
- As a part of National Nutrition week celebration 1-7 September various activities were carried such as, Display of charts for college students, recipe competition was organized on nutritious snacks in pack lunch, model making competitions on antioxidants.
- A state level symposium on recent advances in antioxidant research on 24th September was organized.

2008-2009

- As a part of international breast feeding week celebrations 1-7th August, a talk was organized on importance of Mothers milk by Dr. Somesh Shah for our T.Y.B.Sc. Students.
- A recipe competition on lacto gouges was organized for S.Y. and T.Y. B.Sc. students and aganwadi workers on 4th august.
- A quiz competition was organized for the T.Y.B.Sc. Students of the college on 6th august, sponsored by Inner Wheel club Anand.
- A role play on importance of breast feeding was conducted for Nalini and Arvind Arts College, V.V.Nagar followed by discussion on 8th August.
- Demonstration on Preserved Foods was carried out at Anandalaya School for 12th STD students on 21st august.
- As a part of National Nutrition week celebration 1-7 September Exhibition on Nutrition Aids for the development of community was organized on 1-2 September.

- On 4th September students of T.Y.B.Sc. visited old age home at lambhel and conducted various activities like parody, gave information diet for geriatrics and distributed snacks and medicines.
- A poster competition was organized on 6th September on micronutrient deficiency in childhood and childhood obesity for all college students.
- Parody on five food group and nutrition was organized on 8th September for handicapped students and snacks were distributed.
- A lecture and parody on Nutrition for differently abled children was organized at Mitra-Anupum Mission Mogri, T.Y.B.Sc. F.S.Q. students.
- Parody on Fast foods and balanced diet for Balwadi parents at Zaverba Balwadi was organized on 14th September.
- A mini Project on Assessment of nutritional status of college students from 15th December-15th March was conducted.
- As a part of career counseling for students a placement seminar was organized for T.Y.B.Sc. Students and their parents on 17th January 2009.

2009-2010

- As a part of International breast feeding week celebrations 1-7th August, a demonstration on motherhood was organized on 1st august for T.Y.B.Sc. FN and HD students.
- Lecture on childbirth for T.Y.B.Sc. Students were organized on 7th August.
- As a part of National Nutrition week celebration 1-7 September a chart and poster competition on Iron, Calcium, Iodine deficiency for T.Y.B.Sc. Students were organized.
- A recipe competition on Diabetic food was organized in collaboration with inner wheel club Anand for all college students 4th September.
- A recipe competition on Iron rich recipes was organized in collaboration with JCI Anand for all college students on 5th September.
- Developed recipes with use of Ragi, Honey Ashwagandha, Sataya, Soybean etc. in collaboration with forest department of Vadodara dist for distribution in tribal areas which was approved by government on 21st September.
- An educational visit organized for T.Y.B.Sc. Students at cheese plant, Khatraj and Mother dairy Gandhinagar on 16th January.
- A parents meeting for career counseling was organized for T.Y.B.Sc. Students on 20th January.

2010-2011

- As a part of International breast feeding week celebrations 1-7th August, a Preparation on teaching aids on 'Milk Bank' was carried out for T.Y.B.Sc. Students on 1st August.
- A talk on importance of micronutrients was organized for Aganwadi trainees 2nd August.
- A talk on Milk Bank was carried out for T.Y.B.Sc. Students and Aganwadi workers 1st August.
- As a part of National Nutrition week celebration 1-7 September –An exhibition of charts and posters prepared by students on Nutrients deficiency was organized on 1st September.
- T-Shirt painting competition was organized on 2nd September for all college students.
- A poster competition on Antioxidant rich recipe in collaboration with inner Wheel Club, Anand for all college students on 6th September.

- Demonstration on Food adulteration at Aganwadi training Centre, V.V. Nagar on 5th September was organized.

2011-2012

- A workshop on 'Enhancing skills and salad decoration for T.Y.B.Sc. Students were carried out on 17th February.
- Organized one day workshops for Aganwadi workers and recipe demonstration on 6th August.
- Organized two day workshop for Aganwadi workers of Anand District on Capacity Building initiatives under CPE on 27th and 28th September.

35. SWOC analysis of the department and Future plans:

Strengths:

- The department offers the first degree vocational course in Food Science and Quality Control.
- The department has the youngest staff and four staff members out of five are pursuing their Doctoral studies.
- The department also offers Add-on course on, 'Sports Nutrition' Certificate and Diploma.
- The Department is the study centre for Masters Course in M.Sc. (DFSM) by IGNOU.

Weaknesses:

- The students are not from the science background, teachers have to give a lot of input to bring the students up to a level.
- Since majority students are from gujarati medium and it is challenge to improve their standard as most of the reference materials are in English.

Opportunities:

- Department gets an opportunity to work with organizations at State and National level.
- Community out reach programmes of the department proved to be very useful for which various NGO's approach the department.
- During the summer break T.Y.B.Sc. students of the department get an opportunity to work as dieticians.
- Since the department is a study centre for IGNOU (DFSM) M.Sc. programme faculty members get an opportunity to guide post graduate students for research.

Challenges:

- To develop an awareness of the opportunities of Home Science as a field of education.
- To open a Post Graduate programme.
- To motivate students to start small scale industries.
- To motivate student to join food industries.

Department of Family Resource Management:

- Name of the Department** : Family Resource Management
- Year of the Establishment** : 1974
- Name of the programmes/Courses offered (UG, PG, M.Phil, Ph.D., Integrated masters, Intergrated Ph.D. etc.):** Under Graduate B.Sc. (Home Science) Family Resource Management.
- Name of Interdisciplinary courses and Department/Units involved:**
Interdisciplinary courses are Environment studies, Food Service Management, Landscaping, and Marketing, Entrepreneurship etc. with FN Department, TC Department, Commerce Department, MBA Department, and Biology Department.
- Annual/Semester/Choice based credit system (Programme wise):**
Semester, Choice based credit system.
- Participation of the Department in the courses offered by other Departments:**
Sports Nutrition by Foods and Nutrition Department, (Ergonomics), post Graduate department of Home Science, IGNOU.
- Courses in collaboration with other Universities, industries and foreign institutions, etc. :**
We have collaboration with furniture industries like “Comfy furniture”, and different potteries like “Mangalaya” (Kanjari), OCHERE Ceramic factory for the Add on course and we visit different hotels for Housekeeping, front office management courses.
- Detail of the courses/programmes discontinued (If any) with reasons:**
Nil
- Number of teaching posts**

2008-09		2009-10		2010-11		2011-12		2012-13	
Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing
00	06	00	06	00	06	00	05	00	05

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.) :**

Name	Qualification	Designation	Specilization	No. of years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Devika G. Thakker	M.Sc. (Home Sci.), M.Ed., Ph.D.	Associate Professor	Home Management	24	--
Ms. Sushma Batra	M.Sc. (Home Sci.)	Associate Professor	Home Management	19	--
Dr. Nidhi Gupta	M.Sc. (Home Sci.) Ph.D.	Associate Professor	Family Resource Management	15	2 (Ph.D. students)
Ms. Kalpana Srivastava	M.Sc. (Home Sci.) Doing Ph.D.	Associate Professor	Home Management	15	--
Ms. Padmaja Puppala	M.Sc. (Home Sci.) Doing Ph.D.	Part time teacher	Home Management	10	

- List of senior visiting faculty:**

Name	Topic	Date
Shri Ajitbhai Patel	Effect of colour in different media	25/08/2008
Shri Sanjay Singh	Awareness on consumer Laws	26/12/2008
Shri Chetanbhai Vagehla	Demonstration of gift wrapping and candle making	12/08/2009
Shri Kanubhai Patel	Effect and use of colours	16 th & 17 th Sept. 2010

Name	Topic	Date
Dr. Manjari Acharya	Elements of art	17/09/2012
Shri A. Saiyyed	Consumer awareness and consumer protection	27/12/2010
Ms. Mamta C. Patel	Demonstration Techniques of fabric paintings	27/08/2011
Mr. Samirbhai Patel	Screen Printing	13/09/2011
Shri Kanubhai Patel	Indian Culture and Art	16/09/2011
Ms. Jignesh Patel	Canvas Painting	9 th Dec to 11 th Dec.11
Dr. Manisha Shukul	Creating Research culture in students	13/12/2011
Mr. Harshadbhai Patel	Consumer Insight and values	27/12/2011
Mr. Sanjay Sinha	Consumer Protection Act	29/12/2011

12. Number of Lectures delivered and practical handle programme wise by temporary faculty:

Year	Regular	Add-on course
2007-2008	25%	--
2008-2009	20%	--
2009-2010	20%	15%
2010-2011	--	15%
2011-2012	--	20%

13. Student Teacher ratio Programme wise :

Year	S.Y.B.Sc.	T.Y.B.Sc.
2007-2008	10 : 1	10 : 1
2008-2009	9 : 1	8 : 1
2009-2010	7 : 1	9 : 1
2010-2011	9 : 1	7 : 1
2011-2012	5 : 1	8 : 1

14. No. of academic support staff (technical) and administrative staff : sanctioned and filled :

Administrative Staff: Nil

Support Staff-1 (by Management)

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG :

Name of the Faculty	Qualification
Dr. Devika Thakkar	Ph.D
Ms. Sushma Batra	M.Sc.(Home Science) B.Ed.
Dr. Nidhi Gupta	Ph.D
Ms. Kalpana Srivastave	M.Sc.(Home Science)
Ms. Padmaja Puppala	M.Sc.(Home Science)

16. No. of faculty with ongoing project from A. National B. International funding agencies and grants received:

Two of faculty members of the department of Family Resource Management got the minor research project from U.G.C

Sr. No.	Name of Faculty	Title
1	Dr. Nidhi Gupta Dr. Devika Thakkar	“Capacity building project on street foods” by Ministry of Health and Family Welfare, Government of India New Delhi sponsored by world Bank. Grant received Rs. 10,00,000 lakhs.

Sr. No.	Name of Faculty	Title
2.	Dr. Nidhi Gupta	"Consumer Satisfaction/Dissatisfaction for Broadband and Internet Service Providers (ISP) – An Exploratory Study." Grant Received Rs. 50,000/- Period – 02 Years
3.	Ms. Kalpana Srivastava	"A study on Role of women in Recycling Household Waste with specific reference to Vallabh Vidyanagar in Anand District of Gujarat". Grant Received Rs. 1,15,000/- Period – 02 Years.

17. Departmental project funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

18. Research Centre/Facility recognized by the University:

The college does not have such facility, since ours is an undergraduate college but we have the sister institution namely SICART (Sophisticate Instrumentation Centre for Advance Research & Technology) whereby lot of research work is carried out, We can also avail research facilities in P.G. Department of Home Science.

19. Publication per faculty

Sr. No.	Title	Journal Name	Vol./Year & Page	Author	ISSN No.
1	Extent of awareness & food adulteration detection in selected food items purchased by home-maker	Pakistan Journal of Nutrition	Vol. 8, No. 5, 2009 PP.660-667	Dr. Nidhi Gupta	1680-5194
2	An ergonomics evaluation of agricultural tools used by farm women.	International journal of Biotechnology Research	Vol.2, No.1, pg.1-7, Jan-June 2009	Dr. Nidhi Gupta	0974-6293
3	Service Quality Perceptions of Railway Consumers in India: An Empirical Study	ARAHE	Vol.16, Ni.1, 2009.	Dr. Nidhi Gupta	---
4	Why railway consumers don't complain? : An Exploratory Study	Gujarat Journal of Psychology and Education	Vol.No.2, PP 41-44, Apr-June,2009	Dr. Nidhi Gupta	---
5	An analytical study on district consumer forum of Nadiad, Gujarat	Research Link	Vol.8, No.4, PP 148-151, June 2009.	Dr. Nidhi Gupta	---
6	Hygiene and Sanitary practices of street food units of Ahmedabad, Gujarat	The socio scan, an international quarterly journal of Ethno and Social Sciences.	Vol.2, No.3&4, 2010, PP 57-61	Dr. Nidhi Gupta Ms. Taparia M.	
7	Knowledge Assessment and Practices related to Food safety and hygiene of sweet foods.	Asian Journal of Home Science (International)	Vol.6(2), Dex 2011, PP 184-189	Dr. Nidhi gupta	0793-4732
8.	Family Income Time and Energy Management	Chapter in Book.	National Institute of Open Schooling, Delhi	Dr. Devika Thakkar	
9.	Introduction to Home Management	Chapter in Book	Granth Nirman Board, Gujarat	Dr. Devika Thakkar	

- Number of papers published in peer reviewed journals (national/international) by faculty and students.
- National – 2, International – 5.
- Number of publication listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database, International Social Sciences Directory, EBSCO host, etc.
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- H-index

20. Areas of Consultancy and income generated:

Our college provides honorary consultancy and as such no income is generated from consultancy. The areas of consultancy provided by department staff in last five years.

- Income generating activities for Anganwadi workers
- Colour theories.
- Recycling household waste (UGC Project)
- Making effective research proposals (KCG)
- Sanitation & Hygiene (Major Project & Part of AMIC)
- Ergonomics. (Training & Capability building workshop)
- In Vidyog a stall was put up by the college whereby FRM students/teachers counseled the visitors on various aspects of Interiors.(2010)

21. Faculty as members in

a) National committees b) Editorial Boards....

- Dr. Nidhi Gupta (PI), Dr. Devika Thakkar (Co.PI) :-
Part of the National Project on “Capacity Building on Street Foods Ahmedabad chapter” (2005-08)
- Dr. Nidhi Gupta
Editorial Board member of the International Journal (2011)
Fellow of the Agro-Horticultural Society (FHAS)

22. Student project

a) Percentage of students who have done in-house projects including inter departmental/programme.

- All the students (100%) of the department have to do in house projects in group. Under courses namely.
- Consumer education (poster/Role plays/Pamphlets)
- Kitchen Modular (3D models of various kitchen types)
- Building Structure & Material (Portfolio of various construction materials etc.)
- Seminar (Where a research topic is selected and a social survey is carried out by preparing structured questionnaire)

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories/Industry/other agencies:

- As such there is no provision in curriculum for projects outside the institution; but time to time all the students (TY, SY) exposed to related institutes of their field like clay arts, fine arts school (IPCOWALA), Ochre ceramic Hadgud, Mangalaya (kanjari), comfy (furnitures + furnishings).

23. Awards/Recognitions received by faculty and students:

Faculty:

Sr. No.	Name of faculty	Awards/Recognitions	Year
1	Dr. Devika Thakkar	Life member of Home Science Association of India. Member of Board of studies.	From Jan 2008
2	Ms. Sushma Batra	Senate Member, Sardar Patel University Member faculty Board of studies Coordinator Add on Course in Interior Life member of Home Science Association of India. V.C. nominee for selection of Adhyapak Sahayak, Government of Gujarat	2007-12 2008-12 2011-12 2011-12
3	Ms. Nidhi Gupta	Best Innovative papers in oral paper presentation in seminar "Understanding the Rural consumer" organized by G.H.Patel Institute of Business Management, Sardar Patel University. Fellow of the Hind Agro-Horticultural Society (FHAS). Life Member of Home Science Association of India. Member of Indian Ergonomic Association of India. PI of the minor research projects(U.G.C.) Editorial Board Member of the International Journal. (Asian Journal of Home science) Guiding two Ph.D. Students	2012 2011 2010 2011 2010 2011 2010
4.	Ms. Kalpana Srivastava	Life member of Home Science Association of India Member of NGO Ford Foundation – Life Line foundation PI of the minor research projects (U.G.C.) SPUATA Representative Expert to validate the MHRD project on "E-Content Development for the Course-Family & Community Resource Management" at M.S. University, Faculty of Family & Community Sciences, Vadodara(Gujarat)	2011 2007 2010-12 2012 2012

Gold Medals are awarded to the students for their best academic performance every year.

24. List of eminent academicians and scientists/visitors to the department:

- Shri Kanubhai Patel, Director Lajja communication, V.V. Nagar.
- Prof. Manisha Shukul, Home Management Department, Faculty of Family and Community Science, M.S. University, Vadodara.
- Mr. Ajitbhai, Retd. Principal, IPCOWALA Santram College of Fine Arts, V.V.Nagar.

- Prof. H. J. Jani and Prof. Darshana Dave, G.H. Patel College of Business Studies, S.P. University, V.V.Nagar.
- Prof. Manjari Acharya, Head of the P.G.studies, (Home Science), S.P.University.
- Prof. Preeti Shah, Architecture College, V.V.Nagar
- Prof. V.S.Patel, Director SICART, CVM Institute, V.V.Nagar.

25. Seminars/Conferences/Workshops organized & the source of funding:

a) National/Local

National Seminar on “Health of the female child-issues, concerns and challenges” (26-27th Feb.2010). All the faculty of our department was part of the organizing committee.

b) International: None

26. Student profile programme/Course wise.

Name of the Course/programme	Applications received	Selected	Enrolle *M *F	Pass Percentage
B.Sc. (FRM)				
2007-08	46	46	F	100%
2008-09	41	41	F	100%
2009-10	32	32	F	100%
2010-11	39	39	F	100%
2011-12	20	20	F	100%

*M = Male *F= Female

27. Diversity of Student: None

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2008-09	B.Sc. (FRM)	100%	Nil	Nil
2009-10		100%	Nil	Nil
2010-11		100%	Nil	Nil
2011-12		100%	Nil	Nil

28. How many students/Faculty have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET (UGC) - 01

NET (ICAR) + SRF - 01

29. Student progression:

Student progression	2008-09	2009-10	2010-11	2011-12
UG to PG	>50%	>50%	>50%	>50%
PG to M.Phil	--	--	--	--
PG to Ph.D.	01	02	--	--
Ph.D. to Post –Doctrol	--	--	--	--
Employed				5.71%
Campus Selection				
Other than Campus recruitment	8.57%	12.5%	17.24%	
Entrepreneurship/Self-employment				

2008-2009

Sr. No.	Name of the Student	Name of the Institute	Designation
1	Mahima Tapdia	Anand Agriculture University	Research Associate
2	Ranjit Kaur	Project Fellow	Women's Study Centre, S.P.Uni., V.V.Nagar

2009 – 10

Sr. No.	Name of the Student	Name of the Institute	Designation	Year
1	Ms. Ranjeet Kaur	Telecaller	Emphasis company, Vadodara	2010
2	Ms. Payal Pael	Librarian	D.N. High School, Anand	July-2010
3	Ms. Hetashri	Entrepreneur	Nadiad	June-2010

2010-11

Sr. No.	Name of the Student	Name of the Institute	Designation	Year
1	Ms. Khushi Soni	Asst. in Housekeeping Dept.	Hotel Surya, Vadodara	2010-2011
2	Ms. Ranjeet Kaur	Telecaller	Emphasis company, Vadodara	2010
3	Ms. Payal Pael	Librarian	D.N. High School, Anand	July-2010
4	Ms. Hetashri	Entrepreneur	Nadiad	June-2010

2011-12

Sr. No.	Name of the Student	Name of the Institute	Designation	Month
1	Ms. Jalpa S. Barot	Computer Operator	LIC Collection Centre, Mota Bazar, V.V. Nagar	Oct.-2011
2	Ms. Shivangini	Project Manager	Industry Leader Magazine, Ahmedabad.	2011
3	Ms. Dulari Prajapati	Activity Teacher	KIDZEE Playschool	2012

30. Details of Infrastructural facilities:

a) Library:

Department does not have separate library.

b) Internet facilities for Staff & Students:

The Department has computer with internet facility for staff while computer laboratory of the institute has internet facility which can be utilized by the students.

c) Class rooms with ICT facility:

There is one classroom which has the facility of LCD projector, Visualizer and computers.

d) Laboratories:

All the laboratories are well furnished and well equipped.

31. Number of Students receiving financial assistance from college, university, government or other agencies:

The students are given free ship from government and CVM 35, students are the beneficiaries in the college and amount is Rs. 98610

Year 2008-2009

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Two	5660.00
2	S.T. (Govt.)	Three + Four (Seven)	10140.00 12870.00
3	S.C. (Govt.)	Four	13020.00
4	S.E.B.C.	Fourteen + Three (Seventeen)	29320.00 6690.00
5	C.V.M. (Mgt.)	Three	1495.00
	Total	Twenty Three	79195.00

Year 2009-2010

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Six	16315.00
2	S.T. (Govt.)	Seven	22140.00
3	S.E.B.C.	Twenty Three	48760.00
4	C.V.M. (Mgt.)	Four	1495.00
	Total	Fourty	88710.00

Year 2010-2011

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Eleven	29300.00
2	S.T. (Govt.)	Four	24000.00
3	S.E.B.C.	Three	9450.00
4	C.V.M. (Mgt.)	Two	1495.00
5	Handicap	One	2500.00
	Total	Twenty One	66745.00

Year 2011-2012

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Thirteen	10065.00
2	S.T. (Govt.)	Eight	1077180.00
3	S.E.B.C.	Forty Two	111040.00
4	C.V.M. (Mgt.)	Four	1495.00
5	Handicap	One	2500.00
	Total	Sixty Eight	232300.00

Year 2012-2013

National merit scholarship: students who have secured above 80% in 12std. are getting this scholarship eight students are getting the scholarship of Rs. 5000.

From Teacher's contribution fund: 06 students are getting financial aid.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

- Experts from "PIDILITE" to demonstrate an glass painting, fabric painting and card making for S.Y. and T.Y. FRM students on 2nd August 2007.
- Demonstration by Mr. Anoop Shah on different types of colours and textures used in paintings and potteries for S.Y. and T.Y. students on 23rd July 2008.

- Workshop by Mr. Ajitbhai Patel on effect of colours in different media for S.Y. students on 25th August 2008.
- A visit to Building Material Museum in Architecture college is organized for T.Y. FRM students every year.
- Final year students visited the exhibition on “Space and form collage” in Fine Arts College on 7th January 2009.
- A lecture by Mr. Sanjay Sinha on “Awareness about consumer laws. (26/12/2008)
- Exhibition cum demonstration by Department of Civil supplies and Grahak Suraksha Mandal on CONSUMER PROBLEMS (29/12/2008) for all students of Home Science.
- Demonstrations on Gift Wrapping and Candle making was organized for final year students by Mr. Chetanbhai Vaghela (11-12th August 2009)
- Study tour to Hotel Surbhi, Anand to see the functioning of Housekeeping department (26/08/2009)
- A visit to see the photography exhibition of Ancient Movements of Gujarat by Jignesh Patel of Fine Arts College. (4th August 2009)
- Workshop was organized on “Effect and use of colours by renowned artist Shri Kanubhai Patel for the students of interiors add-on course on 25-26th September 2010.
- A visit to Mangalya Pottery, Kanjiri was arranged for students of interiors (add-on-course) on 28th August 2010.
- A workshop by SEWA on ‘Block Printing’ was organized for all students on 2nd October 2010.
- A lecture by “Mr. Akhil Saiyyed (Advocate) on consumer Awareness and consumer protection for S.Y. and T.Y. students (27/12/2010)
- A lecture cum demonstration by Grahak Suraksha Mandal on “Rights and Responsibilities of consumers” (29/12/2010)
- An Education Tour to different hotels of Ahmedabad for seeing the working of different departments namely housekeeping and Front office (2nd Feb’ 2011)
- A workshop on “ Creative Arts” for students of FRM and interiors on 19th Feb. 2011)
- A lecture on “Conservation of Environment” by Mr. Sahil and team from Natures club for F.Y. students (28th July’ 2011)
- A demonstration on “Techniques of fabric painting” by Ms. Mamta C. Patel from Pidilite Company Ltd. For interior students on 27th August 2011.
- A visit to “Madhuvan Resort” and Spa was organized to observe the functioning of Housekeeping, front office department and visualize the interiors and landscaping of the resort. (30/08/2011)
- A visit to “OCHRE” ceramic pottery, Hadgud for final year and interior students was planned on 9th September 2011.
- A Guest lecture on “Indian Culture and Art” by Mr. Kanubhai Patel on 16th Sept’ 2011 was organized.
- A workshop on “Canvas painting” for final year students was organized on 9th – 11th Dec.’ 2011 by Mr. Jignesh Patel.
- A workshop on “Ceramics” in Clay Art, Vadtal was organized for Diploma interiors students from 18th Feb. – 22nd Feb. 2012.
- A site visit was organized for students of diploma interior to various commercial and residential sites with the help of an interior designer Ms. Gira Desai. (25/02/2012)

33. Teaching methods adopted to improve student learning:

- Lecture cum discussions
- Exhibition
- Study tours/visits
- Films
- Role plays
- Active learning methodology
- Power point presentations
- Group discussions
- In house projects
- Sandhan lectures
- Demonstration.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Under the “Capacity Building Project on Street Foods” the food vendors of Anand were trained for food safety and hygiene for one month”
- In Department celebrates consumer week (24th -30th Dec) every year, and the celebration includes lectures on consumer awareness, laws, problems, their rights and responsibilities along with demonstration, role plays, competitions film shows, presentations, exhibitions etc. where by all faculty members and students actively participate.
- A demonstration was organized in Rasnol under NSS activity on income generating activities like candle making, flower making and jewellery making (12/08/2009)
- A demonstration on income generating activities was organized for Aaganwadi workers on 21st Jan’ 11)
- An Intervention program on Recycling of Household waste was arranged for housewives of Middle income group from 1st Feb to 12th Feb’ 12
- A lecture to Members of Mahila Mandal at community science centre, V.V.Nagar was given on selection and care of equipments with reference to conservation of energy. (10/03/12)
- A lecture on “Hand Hygiene” at Maljibhai Desai kindly hospital, Nadiad to the Nurses and other supporting staff. (19/02/11)
- A workshop on screen printing to Aaganwadi workers of Anand district on 29/09/12 under capacity Building Initiative.

35. SWOC analysis of the department and Future plans:

Strengths:

- Well furnished and well equipped labs.
- Four full time permanent staff and one part time teacher.
- Add-on course in interior
 - Certificate
 - Diploma
- One major project completed and two minor research project ongoing.
- Faculty has publications in reputed research journals.
- Faculty has pooled resources to support the students financially.
- Personal and Career counseling is provided to the students regularly.

- Parent Teacher meetings are organized in the regular event as the academic year.
- Summer courses for students and housewives.

Weaknesses:

- Student strength has dropped due to emerging self finance college in the
- Limitation in the use of English language as majority of the students comes from rural background.
- Lack of supporting staff.

Opportunities:

- Faculties are invited as resource persons to various workshops/seminar/lectures/Judge in various competitions.
- Faculty is given ample opportunities to attend various workshops, seminars, conferences and present their research papers at State/National/International level.
- One faculty is given opportunity to guide Ph.D. students.
- Two faculty members are given opportunity to carry out their doctorate research.
- Faculty members are given opportunity to apply for major and minor research projects.
- Faculty and students are provided ample opportunities to work with the community.
- Students of the department get opportunity to identify their hidden potentials through various courses.

Challenges:

- To motivate the students for further studies
- Such majority of the students are from rural/low socio economic group, it's a challenge for the faculty to involve them in
- Field visits
- Making residential/commercial models
- Computer enhancing skills.
- Latest trends in interiors, equipments, space designing etc.
- In house research projects.

Future Plan:

Department plans to have

- More involvement of students in in-house projects
- Short terms courses for students.
- Short terms courses for community enrichment.
- Self finance course in Interior, hospitality tourism.
- To organize capacity building workshops.
- To write some reference books on environment ergonomics.
- To apply for more research projects.

Department of Human Development (Child Development):

1. **Name of the Department** : Human Development (Child Development)
2. **Year of the Establishment** : 1978
3. **Name of the programmes/Courses offered (UG, PG, M.Phil, Ph.D., Integrated masters, Integrated Ph.D. etc.):** Under Graduate B.Sc. (Home Science) Human Development
4. **Name of Interdisciplinary courses and Department/Units involved:**
All the Elective and Core Courses are interdisciplinary others are as under:
 - Child Psychology
 - Sociology
 - Computer application in Human Development
 - Women's issues
 - Management of ECCE centers.
 - Communication process in development
 - Programmes for rural & urban development
 - Child & Family welfare.
5. **Annual/Semester/Choice based credit system (Programme wise):**
Choice based credit system and semester wise
6. **Participation of the Department in the courses offered by other Departments:**
Students select the electives offered by other departments. Faculty members teach related courses. ex. Culture and fashion.
7. **Courses in collaboration with other Universities, industries and foreign institutions, etc.:**
Block placement, Internship are done in collaboration with various NGOs, Government and private agencies.
8. **Detail of the courses/programmes discontinued (If any) with reasons:**
No, we have not discontinued any courses so far. However, we have made changes in either the title of the course or the content of the course as per the global needs.
9. **Number of teaching posts**

2008-09		2009-10		2010-11		2011-12		2012-13	
Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing
00	05	00	05	00	05	00	04	00	03

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.) :**

Name	Qualification	Designation	No. of years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Rekha Emanuel	M.Sc. (Child Development)	Principal	36	--
Ms. Paresha Patel	M.Sc. (Child Development)	Associate Professor	35	--
Dr. Sharda Joshi	M.Sc. Ph.D. (Child Development)	Associate Professor	32	--

11. List of senior visiting faculty:

- | | |
|-------------------------|--------------------------|
| 1. Dr. Perna Mohite | 5. Ms. Minaxi Pathak |
| 2. Dr. Rajlaxmi shriram | 6. Ms. Survernaben Kadam |
| 3. Dr. Shagufa Kapadia | 7. Dr. Samir Patel |
| 4. Dr. Jigisha Shastri | |

12. Number of Lectures delivered and practical handled by temporary faculty:

	MS. Shital Gajjar		Ms. Mittal Barot	
Year	T	P	T	P
2008-2009	12	08	06	14
2009-2010	13	08	08	12
2010-2011	Nil(Left)	--	10	08
2011-2012	Nil(Left)	--	10	06

13. Student Teacher ratio Programme wise:

Year	Class	Ratio	Class	Ratio
2008-2009	SY	9 : 1	TY	8 : 1
2009-2010	SY	9 : 1	TY	9 : 1
2010-2011	SY	6 : 1	TY	11 : 1
2011-2012	SY	6 : 1	TY	8 : 1

14. No. of academic support staff (technical) and administrative staff: sanctioned and filled:

Nil

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

PG - 02

Ph.D. - 01

16. No. of faculty with ongoing project from A. National B. International funding agencies and grants received:

Nil

17. Departmental project funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grant received:

Nil

18. Research Centre/Facility recognized by the University:

SICART

19. Publication per faculty

A] Paper publication			
1)	Rights of the Child	NAVTIKA-Indian Jr. of ECCE, Gurgaon, New Delhi	Jan-April-2008
2)	Emerging Trends & Scope in Home Science	Research Link	March-2009
3)	Assessment of training Needs of Early Childhood Education Teachers.	NAVTIKA-Indian Jr. of ECCE, Gurgaon, New Delhi	Sept-Nov.2009
4)	Pre School Teachers opinion towards children's play	NAVTIKA-Indian Jr. of ECCE, Gurgaon, New Delhi	Feb.-April-2012
5)	Situational Analysis of pre schools of Anand, Gujarat	RN /No., HARENG/ 2010/35200	May-July-2012

Book writing

Extension Education in Home Science.

- One unit - 4 chapter has been written
- Written Materials in extension for University Granth Nirman Board, Gujarat State.

20. Areas of Consultancy and income generated:

1. Consultancy regarding starting a day care centres
 2. Consultancy regarding starting a play centres
 3. Consultancy regarding starting a hobby centres
 4. Consultancy regarding starting a Children's Corner
- All the above consultancy is given in an honorary basis.

21. Faculty as members in National Committee

- Member of school board of Anandalaya, National Dairy Development Board initiative.
- Home Science association of India
- Indian association of pre school education.

22. Student project

a) Percentage of students who have done in-house projects including inter departmental/programme.

Year	Percentage
2008-2009	Nil
2009-2010	50%
2010-2011	100%
2011-2012	100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories/Industry/other agencies :

Year	Percentage
2008-2009	100%
2009-2010	100%
2010-2011	100%
2011-2012	100%

23. Awards/Recognitions received by faculty and students:

Faculty:

a) Ms. Rekha Emanuel:

- Mentor and District coordinator Anand of Swarnim Gujarat celebration.
- Nominee of the Vice Chancellor for the selection of lecturer for UG & PG Deptt. In S. P. University and M. S. University.
- Members of Committee of state government for CBCS, Gujarat Government
- Library Committee, S. P. University, V.V. Nagar
- Member-District level Mid day meal Committee-Anand District Gujarat.
- Mentor in Training & Capability building programe in Home Science KCG/GOG.
- Mentor Chalo College Abhiyan Anand Distt,-I KCG/GOG
- Member of the Sardar Patel University Syndicate.

b) Ms. Paresha Patel

- Member of Academic Council.
- Founder member of Alumni Association of the college.
- Chairing a session in Colloqui on empowerment of post modern women
- Member of board of studies.
- Member of examination board.
- Vice Chancellor/s nominee for the selection of Adhyapak Sahayak, GOG.
- Member of C.P.E. Extension activities.
- Member of Gold Club, KCG-GOG
- Incharge Zaverba Balwadi/Surya Creche
- Co-ordinator for C.P.E. status.
- Counsellor and evaluator of IGNOU

c) Ms. Sharda Joshi:

- Convener of Scientific committee for UGC National seminar.
- Panelist in colloquium on 'Empowerment of post modern women.'
- Counsellor and Evaluator – IGNOU
- Consultant in EMHS trusts Borsad for Pre-school education.
- Syllabus Framer & Writing member of University Granth Nirman Board, Gujarat State.
- Research Committee member under CPE
- Member of selection committee for the post of Adhyapak Sahayak.

Students:

Gold medals are being awarded to the students since last four years for their best academic performance at the final examination.

24. List of eminent academicians and scientists/visitors to the department :

International Visitors:

- Dr. Judith A Myers –walls, Assistant Professor, Human Development specialist, Purdue Extension-Purdue University
- Volker Thomas Ph.D., Assistant Professor & Director, Marriage & Family Therapy Programme, Purdue University.
- Ms. Sushma Patel-Alumni, Enterprenuer : USA
- Ms. Dipika Patel – Alumni USA

National Visitors:

- Dr. Prerna Mohite
- Dr. Shagufa Kapadia
- Dr. K. Ratnam
- Dr. Rajlaxmi sriram
- Ms. Bhavanaben Joshipura
- Ms. Arundhati Chafekar

25. Seminars/Conferences/Workshops organized & the source of funding :

a) National – UGC was funding agency

- One National Seminar was organized in collaboration with Foods & Nutrition department of the college (interdisciplinary) on Health of the female child-Issues, concerns & challenges from 26th to 27th Feb.-2010

b) International: None

26. Student profile programme/Course wise.

Name of the Course/programme	Applications received	Selected	Enrolled	
Department of Human Development (All Females)	55	40	44	2007-08
	50	38	40	2008-09
	41	41	39 *	2009-10
	20	20	21 **	2010-11
	--	--	--	2011-12

* Two students left for U.K. and U.S.A.

** Two old students continued and one left the course.

27. Diversity of Student: None

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2008-09	Human Development	100%	Nil	Nil
2009-10		100%	Nil	Nil
2010-11		100%	Nil	Nil
2011-12		100%	Nil	Nil

28. How many students/Faculty have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

29. Student progression:

Student progression	2008-09	2009-10	2010-11	2011-12
UG to PG	>50%	>50%	>50%	>50%
PG to M.Phil			01	
PG to Ph.D.				
Ph.D. to Post –Doctrol				
Employed				
Campus Selection				
Other than Campus recruitment	11.5%	16.6%	58.3%	29.4%
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities:

a) **Library:** College library having enough subject related textbooks, reference books and journals, having xerox facility.

b) **Internet facilities for Staff & Students:**

Yes, the college has full fledged computer lab with internet facilities. Department has a computer with internet facility for staff use.

c) **Class rooms with ICT facility:** The classroom have T.V., LCD, Mike etc.

d) **Laboratories:**

i) One lab – nursery school, which is adequately equipped with indoor and outdoor play equipments, games and toys.

ii) Other laboratory is used by students for practical work; it is also furnished with tables, stools, Magnetic board, display boards, T.V., LCD, and OHP etc.

31. Number of Students receiving financial assistance from college, university, government or other agencies:

The students are given free ship from government and CVM 35, students are the beneficiaries in the college and amount is Rs. 98610

Year 2008-2009

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Two	5660.00
2	S.T. (Govt.)	Three + Four (Seven)	10140.00 12870.00
3	S.C. (Govt.)	Four	13020.00
4	S.E.B.C.	Fourteen + Three (Seventeen)	29320.00 6690.00
5	C.V.M. (Mgt.)	Three	1495.00
	Total	Twenty Three	79195.00

Year 2009-2010

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Six	16315.00
2	S.T. (Govt.)	Seven	22140.00
3	S.E.B.C.	Twenty Three	48760.00
4	C.V.M. (Mgt.)	Four	1495.00
	Total	Fourty	88710.00

Year 2010-2011

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Eleven	29300.00
2	S.T. (Govt.)	Four	24000.00
3	S.E.B.C.	Three	9450.00
4	C.V.M. (Mgt.)	Two	1495.00
5	Handicap	One	2500.00
	Total	Twenty One	66745.00

Year 2011-2012

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Thirteen	10065.00
2	S.T. (Govt.)	Eight	1077180.00
3	S.E.B.C.	Forty Two	111040.00
4	C.V.M. (Mgt.)	Four	1495.00
5	Handicap	One	2500.00
	Total	Sixty Eight	232300.00

Year 2012-2013

National merit scholarship: students who have secured above 80% in 12std. are getting this scholarship eight students are getting the scholarship of Rs. 5000.

From Teacher's contribution fund: 06 students are getting financial aid.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

2007-2008

- Ms. Sadhana Adhikari, Lecturer, Department of M.S.W. was invited to deliver a lecture on "raising children, a challenge in the 21st century".
- Department organized a seminar on Developing language skills in preschools on 14th Sept.-2007 for pre primary school teachers in and around, V.V.Nagar, Anand, Mogri, Vadtal, Karamsad (32 teachers participated)

2008-2009

- Dr Tushar Parikh, gave a lecture on “Importance of child health in early years.”
- A booklet on soy rich recipe was developed and distributed to the parents of Zaverba Nursery School.
- An open house and exhibition was organized for students of B.Ed., P.T.C. etc.
- A workshop was organized on “Innovative Creative Art experiences for teaching and learning process.” for teachers of Excellent English medium school, Vehera, Borsad.
- Educational trip to Muni Ashram, Vaghodia was arranged for Final year students of the department to visit the institution for the mentally retarded women and old age home.

2009-2010

- A Workshop on flower making, glass painting, and M.Seal painting was organized for XIth & XIIth std. students and final year students.
- Lecture on ‘Parenting’ by Dr. Reshmin Cesil (Paediatrician).
- Lecture by Ms. Hena Vajnani on women related topics was arranged for the final year students.
- Educational trip to welfare agencies working for children, women and the aged to Bhuj and Gandhidham.

2010-2011

- Lecture by Ms. Arundhati Chafekar, Prof. Institute of Management, Changa was invited to talk to parents of Zaverba Nursery school children on ‘your child your Investment’.
- A workshop on ‘methods used for Early childhood education centres teaching young children’ for S.Y. H.D. students.
- An educational trip to Udaipur and nearby areas in the various centres working for women, children and aged was organized for final year students of the department.

2011-2012

- Workshop on “Leadership qualities, problem solving abilities and decision making” was arranged for T.Y. H.D. Students.
- Workshop on ‘paper mache’ and other craft was organized for the departmental students.
- A workshop on ‘Lamasha Art, Paper Art and Chocolate making’ was organized by the department for TY HD Students.
- A visit to Waymade College was arranged to see the exhibition of teaching learning material for school children, where SY and TY students along with the faculty took advantage of it.
- A workshop on doll making and best from waste materials was arranged for SY HD students.

33. Teaching methods adopted to improve student learning :

Department adopts various teaching methods to improve student learning as per the need of the students & the subjects.

- Buzz Session
- Group discussion
- Lecture cum discussion
- Audio visual like -
- Film shows on TV

- Flash cards, charts
- Study tours and
- Field visits
- Seminars followed by discussion
- Power point presentation
- BISAG, Sandhan lectures followed by discussion
- Activity based teaching
- Case study method.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

2007-2008

- Four of our students volunteered at 2nd District level competition for challenged children held on 4th Nov. 07 and three of department students volunteered at Vocational level, Special Children's Athletic Meet on 18th and 23rd Dec.07 at IPCL, Vadodara.
- Exhibitions, open house for students of schools, PTC and B.Ed. colleges were arranged by the department.
- Puppet shows on conservation of environment, and women empowerment for school children and students of other colleges like B.Ed. and PTC were organized in the department.
- Puppet show on the celebration of Hindi day was organized at English Teaching School for its children on 'Conservation of animals'.

2008-2009

- Workshop was organized for XIth & XIIth students of vocational course in home science on the topic Creativity and the Creator'. 125 students in all participated actively from 19th to 21st Aug.09.

2010-2011

- Students under internship undertook activities like rakhi making, card making, envelope making, flower making, pooja thali decoration together with religious, recreational and social activities.
- Demonstration and community out reach programme of recipe making, paper folding, making best from waste materials etc was organized by the department.
- Forms on depression were developed and distributed to be filled up at Vidhyog. Those having mild depression were taken care at the stall and the major cases were referred to the psychiatrist.

2011-2012

- Demonstration of recipes by SY and TY HD students on Bal bhog and Premixes was organized by Govt. of Gujarat Anganwadi workers meet at the department.
- Students of final year worked in Anganwadi of Anand, Karamsad, Bakrol, Mogri and Vallabh Vidyanagar as a part of practicum of placement in Early Childhood Centres.

35. SWOC analysis of the department and Future plans:

Strength:

- The department has a full fledged laboratory Nursery school having 40 to 45 children and is working since last thirty four years.

- Along with the Nursery school, a crèche has been started to cater the needs of working parents.
- A strong out reach programme which involves a large number of stake holders from the entire state of Gujarat under the departmental internship programme.
- The department has committed teachers having an experience above thirty years.
- Regular parent involvement programmes are held both for department and Nursery school.
- Counseling and guidance is regularly provided to the students.
- Teachers have pulled resources to help the economically weaker students.
- Faculty publishes research articles/papers in reputed Journals.

Weakness:

- The students have a fear of English so the faculty have to be tolerant about their language and the educational standard.
- Majority of the students come from lower socio economic background the practical have to be molded to their level.
- Due to the decrease in the college strength, there is a decrease in the strength of the departmental students; which was earlier double the strength.

Opportunities:

- The students get an opportunity to work with the community.
- The students get an opportunity to work in the institution of their choice in their course work of internship.
- Chance to select the nursery school of their choice in the practicum of block placement.
- Faculty members get an opportunity to become members of various bodies by which they can make use of their expertise for the benefit of the community.
- Faculty members get an opportunity to work as resource persons.
- Faculty is also invited as a panel of judge.
- Faculty members participate in various seminars, workshops, symposiums, conferences etc. and also present the research papers.
- Various activities of the department help students in developing managerial and leadership skills.

Challenges:

- Most of the students belong to Gujarati medium, so it is a challenge to give them subject matter knowledge in Gujarati and provide reference materials.
- Since the department has certain students from the first generation, motivating their parents is a challenge.
- Developing in students a desire for further studies.
- As students come from varied backgrounds counseling them is a challenge.
- Some of the students get married/get pregnant in between the semester, it is a challenge to co-op up with their theory and practical work.
- Since majority of the students come from lower middle or lower socio economic group it is a challenge to plan for an educational trip.

Future plans of the department:

- To prepare study materials in gujarati at all level.
- Organize workshops to develop skills in students.
- To organize a regional level seminar
- Organize exhibitions and open house.
- Conduct departmental research.

Department of Textile and Clothing:

- Name of the Department** : Textile and Clothing
- Year of the Establishment** : 1979
- Name of the programmes/Courses offered (UG, PG, M.Phil, Ph.D., Integrated masters, Intergrated Ph.D. etc.):**
 - B.Sc. (Home Science), Textiles and Clothing
 - Add-on :
 - Certificate course in fashion design
 - Diploma course in fashion design

4. Name of Interdisciplinary courses and Department/Units involved:

Home Science itself is an interdisciplinary subject so such courses in each semester are offered as an elective or foundation course viz. Environmental studies, personal empowerment, sociology, applied and allied chemistry, therapeutic diet, counseling techniques.

Add-on courses offered by the department is also interdisciplinary where alongwith skill acquiring, marketing of the designed product is important too.

5. Annual/Semester/Choice based credit system (Programme wise) :

Name of Programme	System executed
i) B.Sc. (Textile & Clothing)	Choice based credit system since 2010
ii) a) Certificate course in Fashion Design	Semester Since 2009
b) Diploma course in Fashion Design	Semester Since 2010

6. Participation of the Department in the courses offered by other Departments:

Students persuade add-on courses in sports Nutrition and Interiors offered by the Foods & Nutrition and Family Resource Management departments respectively, with their regular B.Sc. programme in Textiles and Clothing.

7. Courses in collaboration with other Universities, industries and foreign institutions, etc.:

Nil

8. Detail of the courses/programmes discontinued (If any) with reasons :

9. Number of teaching posts

2008-09		2009-10		2010-11		2011-12		2012-13	
Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing	Vacancy	Existing
03	03	02	03	03	02	00	02	00	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.) :

Name	Qualification	Designation	Specialization	No. of years of Experience	Year of retirement /resignation
Dr. Madhu Sharan	M.Sc. Ph.D. (Textile & clothing)	Lecturer selection grade	Textile & clothing	App. 15 yrs.	2008
Dr. Amita Patel	M.Sc. Ph.D. (Textile & clothing)	Associate Professor	Textile & clothing	App. 37 yrs.	2009
Dr. Bhanu Patel	M.Sc. Ph.D. (Textile & clothing)	Associate Professor	Textile & clothing	App. 38 yrs.	2012
Ms. Alpana Shah	M.Sc. (Textile & clothing)	Associate Professor	Textile & clothing	App. 20 yrs.	---

11. List of senior visiting faculty:

1. Dr. Amita Patel is invited for add-on course in Fashion Design since 2009 onwards. She takes some units in the subjects of Introduction to Textiles, Historic costumers & Textiles.
2. Dr. Bhanu Patel is invited since 2012 to teach subjects as Fashion Illustration, Dress design: Elements & Principles.
3. Ms. Vibha Gajjar, Professor, School of Architecture and Enviromental design, V.V. Nagar.
4. Dr. Rupal Patel, Associate Professor, BJVM, V.V. Nagar.
5. Dr. Ajmeri, Associate Professor, BJVM, V.V. Nagar.
6. Dr. N. Bhatia, Associate Professor, Anand Commerce College, Anand.
7. For add-on course in Fashion Design other visiting faculties are:
 - 1) Ms. Jyoti Agarwal
 - 2) Arpita Viswakarma
 - 3) Ms. Sharmina Vahora
 - 4) Ms. Vaishali Kharate
8. Ms. Alpana Shah and Mr. Yogesh Vadwala teach some of the units in add-on course as visiting faculty.

12. Percentage of Lectures delivered and practical handle (programme wise) by temporary faculty:

No.	Name of the Faculty	%age of lectures delivered	%age of practical classes
1	B.Sc. (Textiles & Clothing)	Nil	Nil
2	Add-on Course in Fashion Design Certificate in Fashion Design Diploma in Fashion Design	70-80% 70-80%	100% As per requirement

Note: In regular B.Sc. programme, lectures are delivered by faculty from other departments as per requirement.

13. Student Teacher ratio Programme wise:

Programme	2008-09	2009-10	2010-11	2011-12	2012-13
B.Sc. (Textile & clothing)	15 : 01	12 : 01	23 : 01	18 : 01	30:01
Certificate in Fashion Design	--	18 : 01	05 : 01	08 : 01	06:01
Diploma in Fashion Design	--	--	06 : 01	--	--

14. No. of academic support staff (technical) and administrative staff: sanctioned and filled:

Type of post	Sanctioned	Filled
Academic support staff (i.e. lab assistant)	01	01
Support staff	01	Nil*

* but institution has provided an office peon to work for departmental labs.

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Qualification	2008-09	2009-10	2010-11	2011-12	2012-13
Ph.D	02	02	01	01	01(FRM)
P.G.	02 (TC) +01 (Chem.) +01 (FRM)	01 (TC) +01 (Chem.) +01 (FRM)	01 (TC) +01 (Chem.) +01 (FRM)	01 (TC) +01 (Chem.) +02(FN) +01 (FRM)	01 (TC) +01 (HD) +03FRM) +01 (Chem.) +01 (FN)

16. No. of faculty with ongoing project from A. National B. International funding agencies and grants received:

Nil

17. Departmental project funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

**18. Research Centre/Facility recognized by the University:
Publication per faculty**

- The Post graduate department of Home Science, Sardar Patel University offers M.Sc. and Ph.D. programmes in Textiles and Clothing, where research facilities are provided on request and as per requirement.
- The Charutar Vidya Mandal (the institutional management) permits faculty to pursue part time Ph.D. and use the college laboratories.
- A Sophisticated instrumentation laboratory, 'SICART' is established by Charutar Vidya Mandal where researcher can avail the facility on request.

19. Publications:

1. Dr Bhanu Patel: 04 papers + 01 Book

A] Paper publication			
a)	Clothing for disabled	Journal of Textile Association, India	Vo. No. 68-005 Jan.-Feb.2008
b)	Function garments upper limb - disabled boy	New Cloth market	Dec.2007
c)	Physical properties textiles & its application	Journal of Engineering & technology	Vol, No. 20 Dec.2007
d)	Printing textiles with natural pigments	Journal of Textile Association, India	Vol. No. 2 July.Aug.2008
B] Books : Clothing for physically handicapped children			

20. Areas of Consultancy and income generated :

- i) Under the subject "Commercial Clothing" students prepare garments for customers and generate income for themselves.
- ii) Ms. Suvarna Kadam of Mitra School – designing garments for physically challenged children.
- iii) Workers of self employed womens association were given consultancy in the use of natural dyes and tips for garment design.
- iv) Grooming and Stain removal tips are given.

21. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards

1. Dr. Bhanu Patel

- Life member, Home Science Association of India
- Life member, Textile Association of India.

2. Dr. Amita Patel

- Life member, Home Science Association of India
- Life member, Textile Association of India
- Editorial board member, Text Book Board in Home Science, Gujarat State.

3. Ms. Alpana Shah

Life member, Textile Association of India

22. Student project

a) Percentage of students who have done in-house projects including inter departmental/programme.

- Student in seminar subject carries about survey on “clothing practices among the college students”, “Accessory preferences”, “garment design” etc.
- Students’ pursuing add-on certificate and diploma in fashion design undergoes project work during II term in each viz.
 - i) Designing and construction of Kurtas with features of Ancient Egyptian costumes.
 - ii) Designing and construction of contemporary dresses with textures.
 - iii) Designing and Construction of skirt with kutch embroidery.
 - iv) Designing and Construction of Dupattas with variation in textures.
 - v) Designing and Construction of skirts with inspiration from panchtatva.
 - vi) Designing and Construction of skirts with monochromatic colour scheme.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories/Industry/other agencies :

As a part of seminar (a subject offered in VI Semester) students undertake a small project on small viz. printing unit/garment unit/textile unit/non government organization, and study the manufacture process, socio economic conditions of artisans along with the managerial aspects and presentation is carried out in the classroom.

23. Awards/Recognitions received by faculty and students:

Faculty:

- a) Dr. Bhanu Patel:
 - i) Syndicate member, Sardar Patel University for five times till 2012.
 - ii) Awarded Ist prize at National symposium, Sant Baba Gadge University, Amravati for poster on “Revival of Mashru textiles, Patan, Gujarat
- b) Dr. Amita Patel:
 - i) President, Gujarat Rajya Balkalyan Sangh, Kheda District.
- c) Ms. Alpana Shah:
 - i) State coordinator in Home Science, Gujarat State for SANDHAN (all Gujarat integrated classroom) since July 2011.
 - ii) Senate member, S.P. University since March 2012.

Students:

- a) Ms. Hardika Patel : 2010-2011
- b) Ms. Poonam : 2011-2012
- c) Ms. Swati Arya : 2012-2013

are awarded the portfolio of General Secretary of the Institution in the respective year.

24. List of eminent academicians and scientists/visitors to the department:

- 2010-2011 i) Mr. Shaw, academician and software developer in ‘e-textile’ programmer U.S.A.
- ii) Mr. B. Balakrishnian, Retd. Head, Clothing & Textile department, M.S. University, Baroda
- iii) Mrs. Mala Sinha, Proprieter, Bodhi brand, Vadodara.

- iv) Dr. Chaulkar, Retired Head and textile technology, Vadodara.
- v) Dr. Madhu Sharan, Reader, M. S. University, Vadodara.

25. Seminars/Conferences/Workshops organized & the source of funding:

a) National

- The National workshops/conferences/seminars are organized by the institute with each faculty assigned and involved in various duties.
- Various workshops/seminars/conferences are also organized for students of the institution.

26. Student profile programme/Course wise.

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolle *F		Pass Percentage
				S.Y.	T.Y.	
B.Sc. (Textiles & Clothing) under CBC System	2011-12	--	--	13	20	100%
	2012-13	--	--	18	12	Persuing the programme
B.Sc. (Textiles & Clothing) under Semester System	2008-09	--	--	26	20	100%
	2009-10	--	--	19	16	98%
	2010-11	--	--	32	14	96%
Add-on Certificate Course in Fashion Design	2009-10	--	--	24		100%
	2010-11	--	--	09		92%
	2011-12	--	--	15		100%
	2012-13	--	--	06		Persuing the Course
Add-on Certificate Course in Fashion Design	2010-11	--	--	12		100%

27. Diversity of Student:

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
	Nil	Nil	Nil

28. How many students/Faculty have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

One- NET and CCC⁺

29. Student progression :

Student progression	2008-09	2009-10	2010-11	2011-12
UG to PG	>50%	>50%	>50%	>50%
PG to M.Phil				
PG to Ph.D.		01	--	--
Ph.D. to Post –Doctrol				
Employed				
Campus Selection				
Other than Campus recruitment	15.38%	42.1%	10%	38.46%
Entrepreneurship/Self-employment	--	20%	10%	30%

30. Details of Infrastructural facilities:

- a) **Library:** College library with separate cupboards for books on i) Textiles, ii) Clothing, iii) References in T.C. iv)UGC books related to T.C., v) add-on course in Fashion Design, vi) Journals & periodicals.
- b) **Internet facilities for Staff & Students:**
- A desktop with internet facility is provided to each department.
 - Students can avail internet facility in the computer lab of the institution as per allotted timings.
- c) **Class rooms with ICT facility:** 01 (i.e. Fashion Design studio)
- d) **Laboratories:** 02 clothing lab + 02 textile lab + 01 computer lab + 01 fashion design studio.

31. Number of Students receiving financial assistance from college, university, government or other agencies:

Students are given free ship from government and CVM 35, students are the beneficiaries in the college and amount is Rs. 98610

Year 2008-2009

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Two	5660.00
2	S.T. (Govt.)	Three + Four (Seven)	10140.00 12870.00
3	S.C. (Govt.)	Four	13020.00
4	S.E.B.C.	Fourteen + Three (Seventeen)	29320.00 6690.00
5	C.V.M. (Mgt.)	Three	1495.00
	Total	Twenty Three	79195.00

Year 2009-2010

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Six	16315.00
2	S.T. (Govt.)	Seven	22140.00
3	S.E.B.C.	Twenty Three	48760.00
4	C.V.M. (Mgt.)	Four	1495.00
	Total	Fourty	88710.00

Year 2010-2011

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Eleven	29300.00
2	S.T. (Govt.)	Four	24000.00
3	S.E.B.C.	Three	9450.00
4	C.V.M. (Mgt.)	Two	1495.00
5	Handicap	One	2500.00
	Total	Twenty One	66745.00

Year 2011-2012

No.	Category	No. of Students	Amount (Rs.)
1	S.C. (Govt.)	Thirteen	10065.00
2	S.T. (Govt.)	Eight	1077180.00
3	S.E.B.C.	Forty Two	111040.00
4	C.V.M. (Mgt.)	Four	1495.00
5	Handicap	One	2500.00
	Total	Sixty Eight	232300.00

Year 2012-2013

National merit scholarship: students who have secured above 80% in 12std. are getting this scholarship eight students are getting the scholarship of Rs. 5000.
From Teacher's contribution fund: 06 students are getting financial aid.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

1. Every year field trip/study tour is organized either to an organized industry or to an NGO to enrich students with practical experiences
2. Lectures on i) Home textiles by Ms. Vibha Gajjar on 16/09/2011
ii) Syllabus of life by Mr. Suresh Parikh on 11/01/2008
iii) Marketing textiles by Dr. Naresh Bhatia on 06/01/2009
3. Workshop on: i) Screen printing & screen making
ii) E-Textile under career and counseling cell activity by Mr. Shaw and Dr. Balkrishniah.
iii) Dyeing & printing with natural dyes under career and counseling cell activities by Shri Parmar, Patel and Gawade.
4. Exhibition: Every year department arranges as exhibition on the work of S.Y.B.Sc., T.Y.B.Sc. & add-on Fashion Design students to make them aware with the marketing strategies and market demand of their products.
5. Competiton: A 'creativity' competition is also organized every year for college students to develop their creative applications of the acquired skills & made them aware with the entrepreneurship aspects of the field.
6. Stage show: Department organizes a stage show 'Valkal' where in students learn a way to market their products & showcase their talents.

33. Teaching methods adopted to improve student learning:

Department adopts various teaching methods to improve student learning as per the need of the student & the subject.

- Teaching through ICT, use of ppt, and OHP
- Assignments & their presentations
- Field trips to industry & NGO's related to Textiles & Clothing
- Active learning methodology
- Demonstrations and actual samples of fabric, weave, yarn are shown.
- Competitions, stage shows & exhibitions
- Various workshops and seminars of experts are arranged.
- Showcase displays
- SANDHAN programmes are watched (ie as all integrated classroom of Gujarat state.)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Every year the department arranges extension activities like;

- Workshop on "tie & dye and Laheria on cotton fabric" on 17/12/2007 for Anganwadi helpers.
- Workshop on "Embroidery & painting" on 12/12/2007 for Anganwadi workers.
- Workshop on "Embroidery & fabric enhancement" for Balsevika Kendra.

- Workshops on “tie & dye using natural dyes” for teachers of Mitra School (School for physically challenged)
- Workshop on “embroidery, patchwork and doll making” for Anganwadi workers.
- Workshop on “article enhancement using appliqué work & embroidery” and “doll making from old socks” for mochivas anganwadi workers.
- Students of the department under N.S.S. activities teach tie & dye, embroidery & printing to the women & females of adopted village.

35. SWOC analysis of the department and Future plans :

Strength:

- All the required laboratory facilities as per the requirement of the subject.
- Separate computer laboratory
- Support from experienced faculties.
- Skill oriented courses.

Weaknesses:

- Job opportunities are available in big cities.
- Two experienced faculty have recently retired.

Opportunities:

- Add-on course in Fashion Design will orient people with broad horizon of the course.
- Students can show their creative talent not only in clothing but Home textiles, accessories and adornments designing and development.
- Field offers opportunities in both technical and creative area.

Challenges:

- Enrollment of students in larger number
- Forming placement opportunities with industries by developing awareness among industrialists about the courses offered.
- Encouraging students to be Job givers in Home textile & textile printing fields.

Future Plans:

- Department is in process of reorganizing the dyeing printing and textile testing laboratories.
- To install knitting technology facilities in the laboratories.

**Report of
THE PEER TEAM
On
Institutional Accreditation of
S.M.Patel College of Home Science
Affiliated to Sardar Patel University, Vallabh Vidya Nagar**

March 14th -15th , 2007

Section 1: Introduction

Shivabhai Marghabhai Patel College of Home Science is one of the 36 educational institutions established by Charutar Vidya Mandal founded in 1945 by a few dedicated people like Bhaikaka and Bhikhabhai, inspired by Shri. Sardar Vallabhbhai Patel for empowerment of rural population. The college started on 15th June, 1971 to promote education for women with aim of "Personal Enrichment and Profession Development of young women", is affiliated to Sardar Patel University, Vallabh Vidyanagar, Gujarat. The enlightened management of the college has a conviction that Home Science education has the potential of turning women into most effective resource for any country. It is a grant-in-aid college and recognized by UGC under 2(F) & 12 (B) since 8-9-1975.

Over a period of 36 years, it has carved out niche in five specializations in Home Science- Family Resource Management, Foods and Nutrition, Food Science and Quality Control, Human Development, Textiles and Clothing and Composite Home Science. In addition, two Post Graduate diploma and one certificate courses are offered.

The college volunteered to be assessed by the National Assessment and Accreditation Council (NAAC) and submitted its self-study report to the NAAC in January 2007. The NAAC constituted a Peer Team consisting of Prof. Geervani P., Former Vice Chancellor, Sri Padmavathi Mahila Vishva Vidyalayam, Andhra Pradesh as a Chairperson of the NAAC team; Prof. Vibhuti Patel, Head, Department of Economics and Director, Department of Post Graduates Studies and Research, SNDT Women's University,

P. Geervani
15/03/07

1

Mumbai as a member coordinator of the NAAC team and Dr. S. Kumuda, Principal, Bharathidasan Government College for Women (Autonomous), Puducherry as a member of the NAAC team. The Peer team visited the college and its various departments for the validation of the self-study report on 14th & 15th March, 2007. The team visited all the departments and observed the facilities available, interacted with students, parents, Alumni, teaching and non-teaching staff and Management. The report of the peer team is presented in accordance with the criteria identified by NAAC.

The college is located in semi-urban area of Anand District of Gujarat. It is spread over 1.78 acres of land and the plinth area of the college building is 5783 Sq. Mts. The college has 15 permanent teachers and 8 teachers working temporarily on a contract basis. Six teachers have Ph.D. degree and 5 teachers have cleared UGC NET & SLET examinations. The college has 17 teaching, 12 non-teaching employees on its pay roll.

As against sanctioned strength of 220, the intake in the current academic year is 209 in 2006-2007 and total strength is 543. It is noticed that there is slow drop in the number of students admitted and the team is informed that the drop is due to diversion of students to other courses. The college has initiated a number of certificates and diploma programmes which have enrolled 188 students. There are 63 students perusing self-finance Post Graduate course offered by IGNOU.

In Foods and Nutrition and Family Resource Management Departments, there are 89 students doing UG course; while in Human Development and Textiles & Clothing Departments 85 and 48 students respectively. The unit cost of education, including salary component is Rs. 13800/- and excluding salary component is Rs. 925/-. The college follows the semester system for under-graduate programmes. The college functions for 224 days of which teaching days are 195.

Section 2: Criterion-wise Analysis

Criterion I: Curricular Aspects

Academic programmes and courses are governed by goals of imparting knowledge and skills for intellectual growth, academic and professional excellence and sensitivity

P. Geerani
15/03/07

towards ecology and environment among students through training and value orientation. The last updating of the curriculum was done in the year 2003.

The college started with composite home Science programme at UG level in 1971 and added UG programme in Foods and Nutrition and Family Resource Management in 1976, Human Development in 1977, Textiles & Clothing in 1980 and vocational course in Food Science & Quality Control in 1995.

The college has praiseworthy outreach programmes, the benefits of these programmes get reflected in the curriculum. Introduction of the self-finance degree, certificate and diploma courses is welcome. Provision could be made so that the present students also benefit from these programmes as add on courses. Students from disadvantaged communities are offered economic support; extra hours of teaching, reduction in fees and counseling. The college has integrated gender component, Competency & skill oriented professional courses have been introduced during 1974-80. However facilities required for offering these courses are not adequate to face the professional needs of imparting skills for a national/ global level competition. Most courses lay emphasis on women's empowerment. The curriculum is relevant & meets the needs of the society. The curriculum has been developed following UGC guidelines. The curriculum provides for horizontal & vertical mobility.

The faculty could have done better by introducing interdisciplinary studies and choice based credit system. Introduction of a self- financing course in Food Science & Quality Control is a step towards progress. Since last two years, the college has developed an appropriate scale proforma for students' feedback on course and teachers and for self appraisal of staff. However, feedback from the community, government institutions, industries etc are collected on an informal basis.

Criterion II: Teaching –Learning and Evaluation

The college has a transparent admission procedure and follows state government and university norms. Number of application received has been less than the number of seats available in the programme. In order to help the student from vernacular medium, a remedial course in English provided by the teachers. However, it is not a structured

P. Jeyaraj
1-7-03/07

programme. The department has made efforts to make learning more effective by introducing different methods in the II and III year of the courses, such as field visit, project, seminar and group discussion. All department are equipped with an OHP.

Library facilities are well utilized. Internet facilities are utilized to a limited extent. Practical curriculum is good, but there is scope for improving facilities for practical by upgrading laboratory facilities. Students are sent on field visits and internship outside the college, but evaluation of this experiential learning needs to be improved and made objective. Out of 25 Staff, 19 are Permanent and six are on adhoc basis. Six teachers have Ph.D. degree. The team observed that the FIP facility has not been utilized by the teachers. The student teacher ratio is 25:1.

Since 2005, evaluation of teachers by students is carried out, analysed and the principal communicates the content to the respective teachers. The performance of the students is evaluated through continuous assessment by fixing a minimum to be scored in internal assessment with maximum transparency. External assessment is taken care of by the university. The weightage of internal & external evaluation is 30:70.

The team observed the strength of English class to be exceeding 100 which is not conducive for teaching language especially when students need extra attention for improvement of English Language. The college follows the reservation as per the government norms.

The college prepares a teaching schedule, which is followed through the academic year. In all the departments, field exposure/ industrial visits is an integral part of the curricula. Surprise quiz, assignments, project work and presentations are used as assessment tools. English proficiency and remedial classes for educationally disadvantaged students are held periodically. The ratio of teaching and non-teaching staff is 1.4. Almost all the teaching staff has attended some developmental programme or other in the past 2 years. The college has carried out some evaluation reforms.

Criterion III- Research, Consultancy and Extension

The college is active in research. The research committee comprising of the principal, research coordinator and secretary of Charutar Vidya Mandal monitors funded

P. Greenan
15/03/07

4

researches. It promotes students participation in research through involvement in surveys and questionnaire formation. The college provides facilities for a major research. Currently a research project is conducted by two teachers of Department of Family Resource Management sponsored by the Ministry of Health and Family Welfare, Government of India. Head of the Department of Textiles & Clothing has been awarded a prize by S.P. University, Vallabh Vidya Nagar in February, 2003 for her paper on "A Study on Garment Designing for Physically Handicapped Children". Two teachers of the college have authored books at high school level. Foods and Nutrition department of the college is providing consultancy services for the Department of the School Education, Department of Women and Child Welfare and Forest Departments of the state government. The Department of Human Development is providing consultancy for NGOs. Some of the faculty members are serving as resource persons to government which is commendable.

All the departments of the college have extension activities that involve students to work for community. They make community aware about latest technologies to develop entrepreneurial skill of the villagers. Under NSS, college neighbourhood network is established through activities such as Flower-Doll-Soft Toy Making and Dying technique as an income generating activity. Awareness for Nutrition, health & hygiene practice is imparted through folk methods. The college promotes students' participation in Tree Plantation and Blood donation Camp and other such Camps. The college organizes training of ICDS staff, Bal-Sevikas, weavers and other poverty groups. A training centre with hostel facility has been established for training field functionaries. In all, the college has established linkages with eight NGOs, five industries, five institutions and four Universities. These linkages are on an informal basis to facilitate students and teachers to do project work and internship. This has contributed to effective teaching and learning.

Criterion IV- Infrastructure and Learning Resources

The college has adequate, well ventilated and spacious class rooms, moderately equipped laboratories, Library, Canteen and students' room. Sports and Hostel facilities common for all the 36 colleges under Charutar Vidya Mandal located in the same campus are

P. Jeevan
15/03/07

5

shared. The management has entrusted the responsibility of sports and hostel to separate appointed for the purpose by the management. Sports field is very vast and located close to the college. Hostels are specious but the cleanliness of the dining and kitchen areas need to be improved.

The Library has an advisory committee to provide guidelines concerning library awareness purchase of books and journals and proper utilization of services. However, it is spacious to accommodate the students. The library needs to add more latest-editions of reference books and text books.

The college has a computer center with 24 computers. All classes have 2 credit course on computer application and the students have access to the computer for 2 hours in a week.

A common health center established by the management provides primary and referral services. It houses a study center of IGNOU and conducts M.Sc. Dietetics and Food Service Management course since 2005. The college facilitates, placement of students by organizing campus recruitment and informing students about job opportunities and encourages students to participate in inter- institution competition.

Criterion V- Student support and Progression

The college has been unable to admit a full strength over the last five years. Its success rate is 95% to 100% and drop out rate is seven to 10%. Nearly 30% of the students go for higher studies and 30% seek self employment.

The college publishes and regularly updates prospectus and handbooks providing information about the vision, mission and objective of the trust.

The SC and ST students are given scholarship and accommodated in a separate hostel run by the government. Academic and personal counseling are provided by teachers constantly. Around 30 students per faculty member are allotted for counseling purpose. The college is fortunate to have alumni who are influential and supportive. Their contribution towards college is in terms of funding, services and help in increasing students' strength. Several extra curriculum activities are encouraged.

The college has a grievance redressal cell for students. The college has promoted programmes for personality development and legal literacy of students.

P. Gnanan
15/03/07

Criterion VI – Organization and Management

The governing body of the management meets once in a month and gives necessary direction and advice to the principal. Principal is chairperson of the staff council that carries out functions through staff committees. Support provided by the management, leadership of principal, cooperation of staff are commendable. A congenial atmosphere is noticed by the team in functioning of college. Student interaction revealed that there is constant counseling specially, of the first year students.

The college administration adopts various measures to improve its functioning through transparent academic and administrative plans. Transparency is ensured at every level as the decisions are taken after a thorough discussion among the management, principal, teaching and non-teaching staff. As per the suggestions received in the meetings, the plans are implemented or modified.

The board of management approves the annual budget of which 95% is spent on salaries and five % is spent on operational expenses during 2005-06. Of 21 faculty positions, five are vacant and filled on an adhoc basis on a consolidated salary. As it the policy of Government of Gujarat, to give free education for women, no tuition fee is charged. Even, special fee such as laboratory and library fee, etc., prescribed by the government is very low to meet the needs. The government is seen to contribute @ Rs. 75/- per student per annum towards recurring expenses of the college which is insufficient. The management makes good by contributing three to five lakhs to meet recurring expenses. Unit cost per student is Rs. 13800/- with salary and Rs. 925/-without salary. The budget is approved by the management and the principal has freedom to spend the allocated funds. Internal and external audit are carried out regularly.

The college has received UGC grant of Rs. 12.33 lakhs for the introduction of vocational course in Food Science during 1996-2000 towards Building and Equipment. In the Ninth Plan, UGC has provided Rs. 23.05 lakhs out of which 18.7 lakhs was spent on canteen building and the rest on equipments and books. During the 10th Plan, the college received 8.8 lakhs towards library books, laboratory and extension equipments and PTAC. There has been no input over the last 10 years by the state government towards the equipment

P. Geerani
15/03/07

and library. With discontinuation of grant for vocational course by UGC, the course has been converted into self-finance course since 2000 and no additional facility has been created since then.

The college strictly adheres to the academic calendar prepared by the University and maintains the confidential reports of staff, which are considered during their promotion.

Over and above self appraisal by the teaching and non-teaching staff, the institution appraises the performance of the teaching staff. The performance is announced in the staff-meeting and during the annual day. The college has also conducted student feed-back.

Criterion VII - Healthy Practices

- The college has made the computer course a compulsory subject at the UG level.
- The college plans, implements various co-curricular activities. Counseling sessions and popular lectures are organized for the benefit of students.
- The staff is encouraged to join orientation courses, refresher courses, workshops, seminars and IT enabled teaching-learning and administrative courses.
- Civic responsibilities are inculcated through N.S.S. and N.C.C. activities, community based extension programmes.
- Educational trips to various Industries, Welfare agencies, Hotels, Hospitals, Conferences, Exhibitions, NGO organisations, industries etc. are arranged for students to facilitate participatory learning.
- The institutional ambience is conducive for academic excellence provided staff integrates IQAC into the system.
- Most of the staff have computer skills and are found to use internet facility.

Overall Analysis

P. Geetha
15/03/07

The vision and dedication of Charutar Vidya Mandal to the cause of women's education and the creation of infrastructure conducive to the development of young students in semi-rural area is highly commendable. The fact that the home science education was considered important for development of women and society speaks of the vision of the founders.

The college has made a good start by opening opportunities for students to seek admission in specialized vocational courses since 1974. However it did not keep pace with the needs of the specialization in terms of strengthening the laboratories, library and curriculum options.

The Management's readiness to find resources and availability of the scientific & technical competency on campus offers a great potential for achieving academic excellence in vocational courses of the college.

Recommendations

The Peer Team, after studying the self-study report and visiting the college makes the following recommendations:

- The college must make the effort to communicate to the people about the prospects of the courses offered by the college so as to attract larger number of students and to make courses viable.
- Counseling of students before admission and selection of the students by aptitude test will enable students to make right choices.
- The departments may strive to get formal MOUs with institution which can provide participatory experience to the students.
- The college should have greater thrust in curriculum on entrepreneurship development as most students are drawn from families oriented towards enterprise and are interested in self employed.

P. Geemai
15/03/07

- On an experimental basis one or two department can start production cum training centers so that the students get entrepreneurial experience along with technology.
- The staff with research degree should make efforts to get funds for research by submitting proposals and seeking grant from different funding agencies such as UGC, DST, Ministry of HRD, Ministry of Women and Child Development, CSIR, etc. It will strengthen teaching and open avenues for offering new courses.
- Certificate course on the Micro Enterprise Management can be introduced to strengthen students' capability and confidence.
- Communication skills, soft skill development, personality development interaction with industry and government need to receive attention of faculty and management.
- Nutrition & Diet counseling, Family counseling, Adolescent Counseling, Enterprise counseling and Career Counseling centers may be established on the campus which can facilitate to build confidence among students.
- Methodology for field work and internship evaluation must be developed by the teachers through organizing workshops.
- Advocacy material for Extension activity and outreach programme such as Pamphlets, Poster, Booklets, training material, CDs, DVDs in local languages must be prepared to harness creative potential of the students and disseminate the to the community.
- The college can start B.Sc. programme in Extension Education as it can compliment other U.G. programmes. The college may also attempt to introduce inter disciplinary programmes.

P. Greenan
15/02/07

- The college should have permanent exhibition on home science areas to enable the public get acquainted with latest development in areas of home science. this will enable the college to attract good number of students.

The Peer Team thanks the management, Principal and faculty for their co-operation to the team and is confident that the college will be able to accomplish its objectives of nurturing the innovative entrepreneur abilities and thereby ensure self confidence and social economic value addition to the life of the students. The team wishes this college a bright future.

Names and signatures of the members of the Peer Team

P. Geervani
15/3/07

Prof. Geervani P.
(Chairperson)

Vibhuti Patel

Prof. Vibhuti Patel
(Member Coordinator)

S. Kumuda
15/3

Dr. S. Kumuda
(Member)

I have gone through the report and concur with the views expressed in the report.

P. Emmanuel

PRINCIPAL
S.M. PATEL COLLEGE OF
HOME SCIENCE
V. V. NAGAR-388120

Signature & Seal of Head of the Institution

Date: March 15, 2007

Place: Vallabh Vidyanagar





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the*

*A Charutar Vidya Mandal Institution
S. M. Patel College of Home Science
Vallabh Vidyanagar, Dist. Anand
affiliated to Sardar Patel University, Gujarat as
Accredited
at the B⁺ level.*

Date : March 31, 2007



[Signature]
Director

- This certification is valid for a period of Five years with effect from March 31, 2007
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

March 31, 2007/149



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : A Charutar Vidya Mandal Institution
S. M. Patel College of Home Science
Place : Vallabh Vidyanagar, Dist. Anand, Gujarat

Criterion	Weightage (W_i)	Criterion Score (C_i)
I. Curricular Aspects	100	78
II. Teaching-Learning and Evaluation	400	326
III. Research, Consultancy and Extension	50	34
IV. Infrastructure and Learning Resources	150	100
V. Student Support and Progression	100	83
VI. Organization and Management	100	76
VII. Healthy Practices	100	77
Total	$\Sigma W_i = 1000$	$\Sigma C_i = 774$

$$\text{Institutional Score} = \frac{\Sigma C_i}{\Sigma W_i} \times 100 = \frac{774}{1000} \times 100 = 77.40$$

Date : March 31, 2007

Hand
Director

March 31, 2007/149

Annexure : II

Report on “Training & Capability Building Program” in Home Science

The programme was organized by knowledge consortium of Gujarat, initiative of government of Gujarat and S.M.Patel College of Home Science, Vallabh Vidyanagar. The responsibility of mentorship of the entire program (12-17 March 2012) was given to Prin. Rekha Emanuel.

The programme is a result of the Joint effort of KCG & the organizing committee of the S.M.Patel College of Home Science.

The Inaugural function :-

The dignitaries of Charutar Vidya Mandal, Dr. J.D.Patel and shri V.M.Patel graced the occasion the KCG team Dr. Nandini Kannan, Director Training and capability building program, KCG, Dr. Jwalant Vora, Consultant KCG, Dr. Daxa Mehta, Consultant KCG were present in the inaugural session of the training program.

After the inaugural session Dr. Daxa talked about the new initiatives in higher education like sapt dhara, sandhan, Udisha etc.

- In the post lunch session Dr. Uma Joshi, Dean Faculty of Family & Community Sciences; enlightened the participants about new perspectives in teaching extension education. She emphasized on the maximum use of media and improvement in various government programmes in extension activities.
- The next technical session was taken up by Dr. Avni Manniar on use of new technology in education she emphasized that in any field of education and research teaching of extension is important.
- Dr. Jwalant Vora consultant KCG talked about course content in CBCS in the last session of the day.

The next day i.e. 13th March 2012 was earmarked for family Resource Management Courses. Dr. Manjri Acharya Retd. Prof. Sardar Patel University talked about ergonomics, principles & aspects related to ergonomics, importance of postures & muscular skeletal disorders related to it. The participants showed keen interest as it is the emerging field of Resource Management. Geriatric housing another emerging field of FRM which was dealt by Prof. Manisha shukul, faculty of family & community science, M.S. University of Baroda. She talked about the significance of special housing needs for elderly highlighting the changes that need to be done in clothing, lighting, furniture, staircase and many other aspects of designing.

A session on details of course content in Human Development including credit hours for theory and family Resource Management

The participants were given information regarding the inclusion of research as a part of course work at T.Y. level. So that some research work can be done at U.G. level. A session was taken up by Ms. Paresha Patel & Dr. Sharda Joshi where the foundation, Core & elective courses in Human Development were discussed in detail. In the same way course content in the foods & Nutrition was discussed by Ms. Bhavana Chauhan, Ms. Shazia Sharma & Ms. Vijaya Agarwal. A workshop on ergonomics an elective course in CBCS was conducted by Dr. Devika Thakkar, Dr. Nidhi Gupta, Ms. Sushma Batra, Ms. Kalpana Srivastava & Ms. Padmaja Pupalla. The points emphasized were

calculation of energy expenditure during field work and furniture designing based on anthropometric measurements

14th March 2012 the day started with first session by Prof. Vinayak Patel, Head, P. G. Dept. of Home Science. He talked in detail about Antioxidants in Health & Diseases. He emphasized on miracles of antioxidants to prevent and eradicate a number of degenerative diseases. He enlightened the participants on free radicals & how to get more antioxidants in your body from diet.

The next session was taken up by Dr. Rathnam, General Manager Amul Dairy. He talked about food processing, food safety, food regulations, present and future of food scenario. Three post-lunch sessions were conducted by the KCG Team. Mr. Laliwalla talked about effective use of ICT in teaching. He gave the participants a secret recipe to deliver world class lectures. Prof. A. Prasanna, consultant KCG talked about universe and Einstein. The last session was taken up by Mr. Brijesh Bhatt on question bank in CBCS, its need, framing questions, on demand exam & ALM (Active Learning Methodology) He highlighted the criteria to frame question bank & its content.

The session on 15th March 2012 was initiated by Prof. Rajlakshmi Sriram, Head Dept. of HDFs, Faculty of family & community sciences, M.S. University of Baroda. She talked on recent advances in Human Development and its implication in educational practices. She used a combination method for teaching i.e. lecture, discussion, power point slides and exercises. Since this session dealt with few conceptions related to old age, two hours were allocated for this session. The participants highly appreciated this session.

The post lunch session was on “Gender” which was dealt by having a group discussion by Dr. Rachna from HDFs, faculty of FCS she talked about empowerment oriented participatory approach for women.

Ms. Arti Vyas, life skill consultant was invited to conduct a guest lecture on life skills. She discussed about emotions and stress Management. The participants reported that her ways on how to manage stress were very interesting. She also discussed the importance of relationship management.

After this session the participants were taken for field trip to CLAY ART. A Virtual studio and the famous Swaminarayan Temple of Vadtal.

On 16th March 2012, the session started with an interesting topic by Dr. Bhanu Patel, Prof. in Textiles and clothing. S.M. Patel College of Home Science on “Culture & Fashion”. The presentation was very effective followed by a lot of discussions. She highlighted on what is culture and how fashion evolves.

Dr. Madhu Sharan, Assoc. Prof. in faculty of FCS made a presentation on printed & painted textiles of India like Dabu Prints, Sanganeri prints, Bagru prints etc. she discussed about meaning of Kalamkari and explained plethora painting, Madhubani painting, Pattachitria and many more painting types effective to the participants.

The course content in textile and clothing session was conducted by Dr. Bhanu Patel, Ms. Alpna Shah and Mr. Yogesh Vadwala. The participant showed special interest in knowing more about the courses on draping and textile testing, natural dyes and printing.

The participants also visited the textile and clothing labs and were exposed to latest equipments used for the same.

The course content in family Resource Management was conducted by Dr. Nidhi Gupta, Dr. Devika Thakkar, Ms. Sushma Batra and Ms. Kalpana Srivastava, the participants showed keen interest in courses like Housekeeping, Landscaping, ergonomics & AUTOCAD in interiors along with courses like consumer studies. The latest equipments like illuminometer tread mill, ergo cycle etc. were displayed to them and working on architecture scales & visualizer were discussed.

The last session was conducted by Ms. Paresha Patel on training in ALM (Active Learning Methodologies) which the participants found interesting many positive comments were made on her style of teaching the same.

On 17th March 2012, the sessions from 9.30 to 12.30 p.m. were allotted to Prof. Shagufta Kapadia in the first session she talked about interdisciplinary and applied approach of Home Science education. She said research in home science should be on basic understanding of multidimensional issues and application of knowledge. She talked about selection of research topic, types of research, research design, tools various researchable themes in Home Science & ethics in research.

The second session was on “Scientific writing” which included topics like why write, types of scientific writing, key principles in writing, following a style guide manual and ethics in writing the participants felt that the guidance received through this session will be extremely helpful to them while writing research papers.

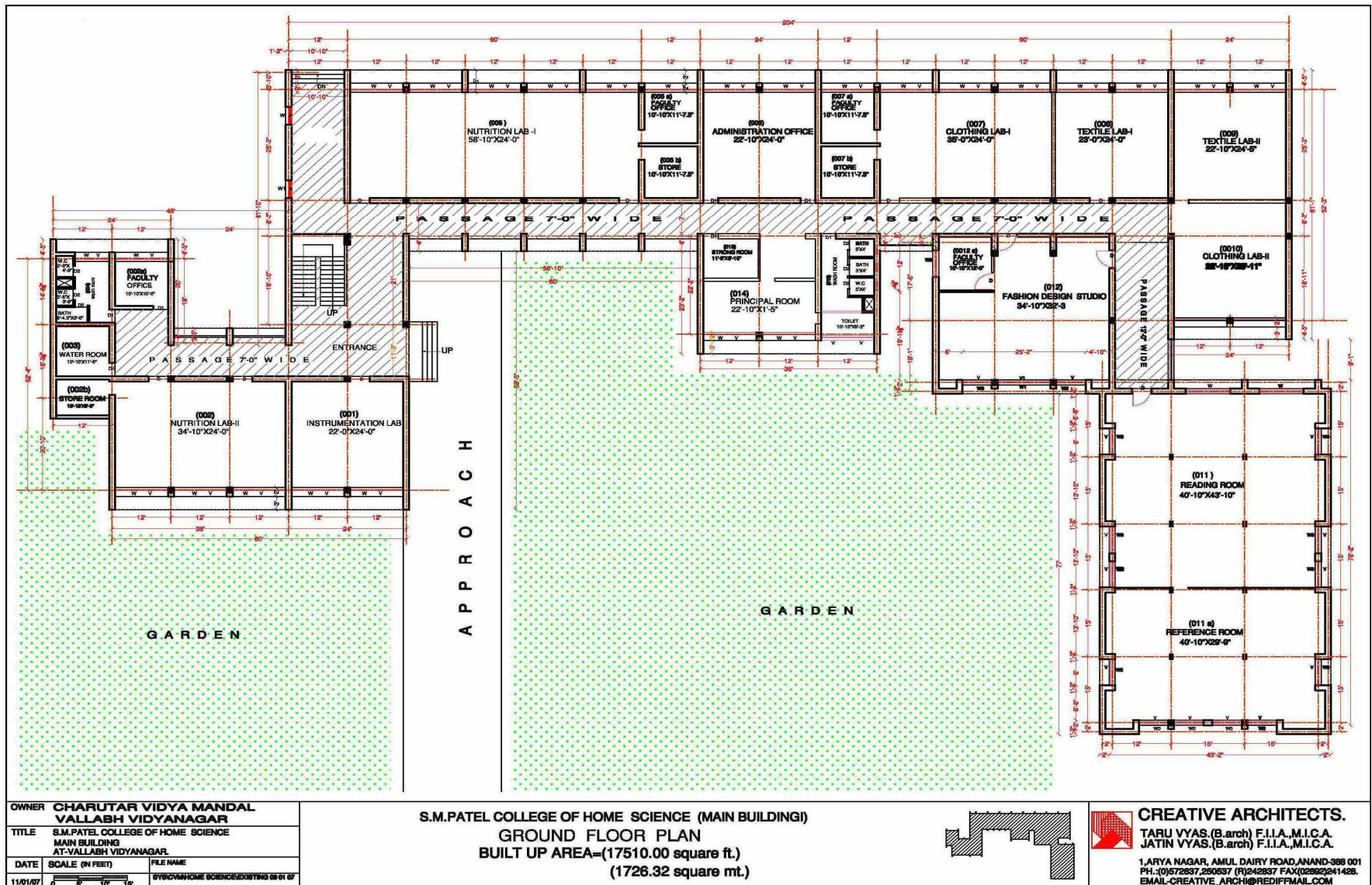
The closing session:

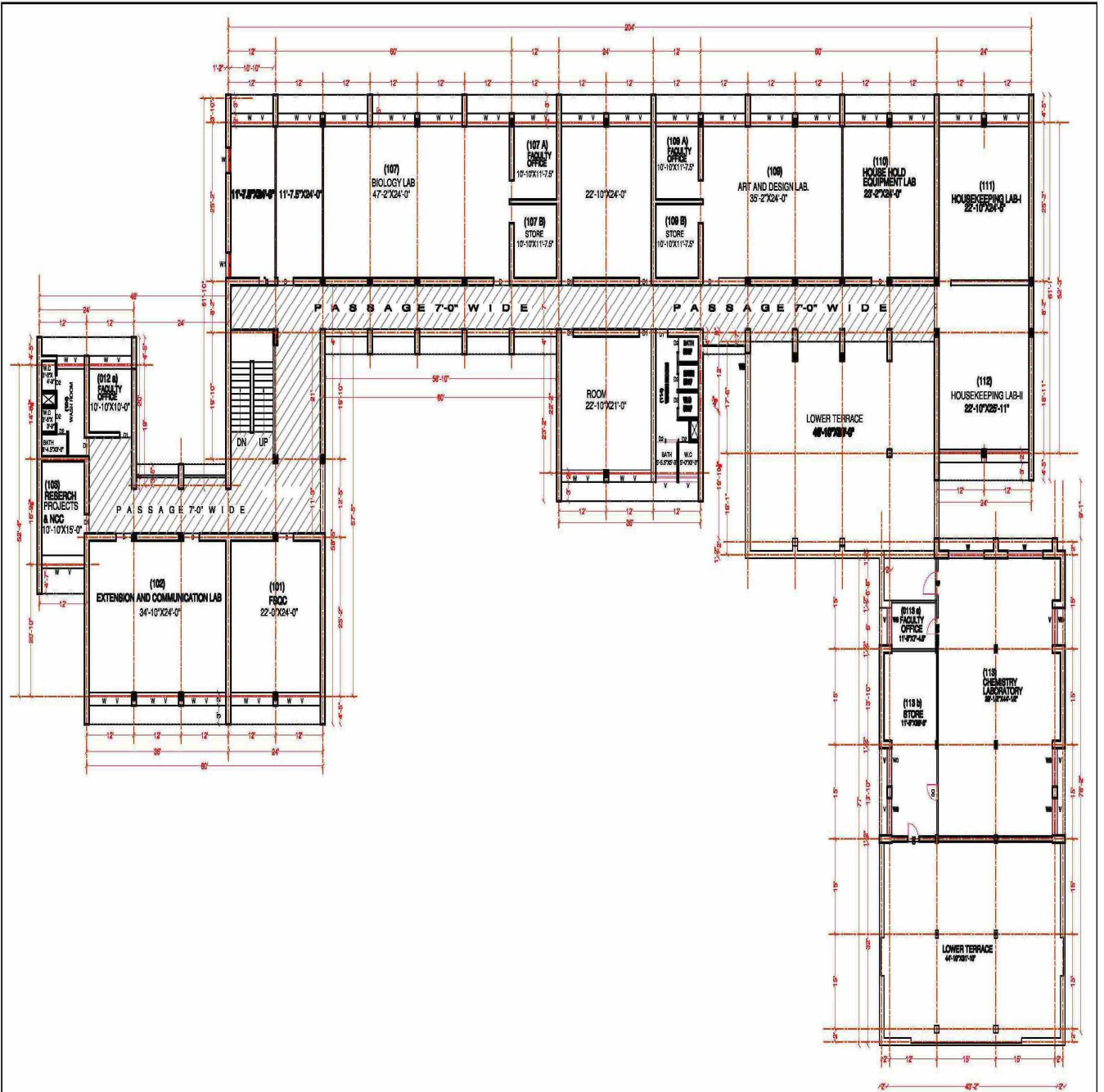
The Chief Guest for the closing session was Prof. Harish Padh, Vice Chancellor, Sardar Patel University. It was presided over by Hon. Sec. Charutar Vidya Mandal Prin. R.P. Patel, Hon. Joint Secretary Dr. J.D. Patel and Dr. Jwalant Vora, consultant KCG. The Certificate along with the C.D. of the sessions prepared by the organizing committee of the college were given by the dignitaries on the dais. The participants’ feedback of seven days training and capability building programme was highly positive. The sessions, content, selection of resource persons was highly appreciated. The Vice Chancellor complimented the college for being the first grant-in-aid college for mentoring the KCG Programme.

The programme ended with the National Anthem.

Map of Institution :

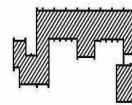
Annexure: III





OWNER CHARUTAR VIDYA MANDAL VALLABH VIDYANAGAR	
TITLE S.M.PATEL COLLEGE OF HOME SCIENCE MAIN BUILDING AT-VALLABH VIDYANAGAR.	
DATE 11/01/07	FILE NAME 070304HOME SCIENCEBIBDTH0 00 01.dwg
SCALE (IN FEET) 0 5 10 15	

S.M.PATEL COLLEGE OF HOME SCIENCE (MAIN BUILDING)
FIRST FLOOR PLAN
BUILT UP AREA=(14392.00 square ft.)
(1337.54 square mt.)



CREATIVE ARCHITECTS.
TARU VYAS.(B.arch) F.I.I.A.,M.I.C.A.
JATIN VYAS.(B.arch) F.I.I.A.,M.I.C.A.
1,ARYA NAGAR, AMUL DAIRY ROAD,ANAND-388 001
PH.:01572837,250537 (R)242837 FAX:(22822)241428.
EMAIL-CREATIVE_ARCH@REDIFFMAIL.COM

