The Annual Quality Assurance Report of the



IQAC

(Year of report 2015-2016)



Submitted by

S.M. PATEL COLLEGE OF HOME SCIENCE

(A Charutar Vidya Mandal Institute)
Accredited 'A' by NAAC
Affiliated to SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR-388 120
GUJARAT

Phone: 02692-230245

IGNITED MINDS - BETTER TOMORROW

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Principal : rekhaemanuel@gmail.com

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College : smpcollege@yahoo.in

Website : www.smphomescience.edu.in

IGNITED MINDS - BETTER TOMORROW

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

AQAR for the year (for example 2013-14)

2015-16

1. Details of the Institution

CHARUTAR VIDYA MANDAL'S 1.1 Name of the Institution S. M. Patel College of Home Science Near Honest restaurant 1.2 Address Line 1 Address Line 2 Mota Bazar City/Town Vallabh Vidyanagar 388 120 State **GUJARAT** Pin Code 388120 Institution e-mail address smpcollege@yahoo.in Contact Nos. 02692-230245 Name of the Head of the Institution: Ms. Rekha Emanuel Tel. No. with STD Code: 02692-230245 9375033212 Mobile: Name of the IQAC Co-ordinator: Dr.Bhavana Y Chauhan

nidhi.gupta.smp@gmail.com

9979057152/9427857932

bhavnp@yahoo.co.in

Dr.Nidhi Gupta

IQAC e-mail address:

Mobile:

1.3 NAA	1.3 NAAC Track ID (For ex. MHCOGN 18879)					GSCOGN 15156				
		OR								
1.4 NAAC Executive Committee No. & Date: (For Example EC/32/A &A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)										
1.5 Website address: www.smphon					nes	cience.edu.i	n			
Wel	b-link	of the AQ	AR:	ww	w.smphome	esci	ence.edu.in/d	lownloads/AQAF	R 2015-16.	pdf
1.6 Accre	editati	on Details	'							
S1. 1	Sl. No. Cycle Grad			ade	CGPA	A	Year of ccreditation	Validity Period		
1	-	1 st Cycle	В	+			2007	5 years		
2	2	2 nd Cycle	A	1	3.02		2013	5 years		
3	3	3 rd Cycle	-	_						
4	-	4 th Cycle	-	-						
1.7 Date of Establishment of IQAC: DD/MM/YYYY 27-06-2007 1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)										
iΔ	OΔR							(DD/MM/YYY	V)	
					(DD/MM/YYYY) (DD/MM/YYYY)					
					(DD/MM/YYYY)					
iv. A	QAR_				(DD/MM/YYYY)					
1.9 Institu	ıtional	Status								
University			S	State $\sqrt{}$	Ce	entral _	Deemed	Private	-	
Affiliated College			7	Yes v	N	No				
Const	tituent	College		•	Yes _	N	10 \[\lambda \]			
Autono	omous	college of U	JGC		Yes _	N	10 V			
Regulatory Agency approved Institution Yes V No -										

Type of Institution	Co-education -	Men _ W	√omen √	
	Urban ✓	Rural _ T	ribal _	
Financial Status	Grant-in-aid 🗸	UGC 2(f) $\sqrt{}$	UGC 12B 🗸	
	Grant-in-aid + Self Fina	ancing _ To	tally Self-financing	
1.10 Type of Faculty/Pro	ogramme			
Arts -	Science V Comme	erce Law	PEI (Phys Edu)	
TEI (Edu)	Engineering . He	ealth Science	Management	-
Others (Spec	Home Science			
1.11 Name of the Affilia	ating University (for the C	Colleges) San	rdar Patel University	
1.12 Special status confe	erred by Central/ State Go	overnment UGC	C/CSIR/DST/DBT/ICMR	R etc
Autonomy by State/	Central Govt. / Universit	y NA		
University with Pote	ential for Excellence	NA	UGC-CPE	٧
DST Star Scheme		NA	UGC-CE	NA
UGC-Special Assist	ance Programme	NA	DST-FIST	NA
UGC-Innovative PC	3 programmes	NA	Any other (Specify)	NA
UGC-COP Program	umes	NA		

(eg. AICTE, BCI, MCI, PCI, NCI)

2. IQAC Composition and Activities

2.1 No. of Teachers	10
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	02
2.4 No. of Management representatives	01
2.5 No. of Alumni	03
2. 6 No. of any other stakeholder & community representatives	02
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	02
2.9 Total No. of members	22
2.10 No. of IQAC meetings held	02
2.11 No. of meetings with various stakeholders: No.	Faculty 05
Non-Teaching Staff/ Students 02 Alumni 0	2 Others 04
2.12 Has IQAC received any funding from UGC during the year	? Yes No
If yes, mention the amount NIL	v
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia or	ganized by the IQAC
Total Nos. 14 International National 1	State Institution Level 13
(ii) Themes Environment, Autocad, Capability Building	of Aaganwadi workers, bakery, soft toys etc
2.14 Significant Activities and contributions made by IQAC	
 ✓ National conference on "Sustainable Strategies for Management" ✓ workshop on capability building of Aaganwadi with Remedial counseling ✓ Booklets for community (no. 5) ✓ Syllabus upgradation ✓ Guest lectures ✓ Quality Research ✓ NIRF data Submission 	
✓ Academic Audit of Faculty	

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \ast

Plan of Action	Achievements
1 Academic Audit of teachers	Executed
2. Continuous Evaluation	Executed
3. Work audit non-teaching	Executed
4. National level conference	Executed
5. Faculty Development Program	Executed

^{*} See Annexure-i for Academic Calendar of the year.

2.15 Whethe	er the AQAR w	as plac	ed in statutor	y body	Yes 🗸	No
	Management [Syndicate		Any other body	
P	Provide the deta	ils of tl	ne action take	n		
	The AQAR h	nas bee	en approved	by statu	itory body	

Part - B

Criterion - I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD			01	
PG				
UG	01		01	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				03
Others				
Total	01		02	03
Interdisciplinary				
Innovative				

- 1.2 (i) Flexibility of the Curriculum: CBCS
 - (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	
Annual	

Alumni						
Online Manual Co-operating schools (for PEI)						
nnexure- ii and iii for the analysis of the feedback.						
pdate of regulation or syllabi, if yes, mention their salient aspects.						
s updated based on the feedback of the stakeholders						
1.5 Any new Department/Centre introduced during the year. If yes, give details. N/A						

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
17	04	11		02

2.2 No. of permanent faculty with Ph.D.

06		
----	--	--

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Pr	ofessors	Prof	essors	Oth	ners	To	otal
R	V	R	V	R	V	R	V	R	V
	02								02

2.4 No. of Guest and Visiting faculty and Temporary faculty

21	08	03

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	13	17	02
Presented papers	06	04	-
Resource Persons	03	02	12

- 2.6 Innovative processes adopted by the institution in Teaching and Learning:
 - ✓ Active learning methodology
 - ✓ Developing research culture in final year students
 - ✓ Enhanced use of ICT
 - ✓ Use of purchased software
- 2.7 Total No. of actual teaching days during this academic year

180 days

- 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)
 - ✓ Bar coding
 - ✓ Showing answer books to the students followed by reassessment.
- 2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

as member of Board of Study/Faculty/Curriculum Development workshop

05	17	17

2.10 Average percentage of attendance of students

80 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the	Total no. of students	Division				
Programme	appeared	Distinction %	I %	II %	III %	Pass %
B.Sc.(Home)	92	27.9	48.3	26.8		
B.Sc.(FSQC)	11	66.6	18.1	18.1		

- 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:
 - ✓ Discussion with the faculty and management.
 - ✓ Feedback from stakeholders

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	17
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	17
Summer / Winter schools, Workshops, etc.	03
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	06			08
Technical Staff				

Criterion - III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- ✓ Conducting research seminar for final yr students every year
- ✓ Organized National Seminar on "Sustainable strategies for waste management"
- ✓ Conducted Faculty development program
- ✓ College level seminar on Environmental hazards
- ✓ Number of workshops on various aspects of Home Science
- ✓ Number of projects are carried out by the faculty members

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		01		
Outlay in Rs. Lakhs		12,96,400		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3		1	
Outlay in Rs. Lakhs	2,19,000			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	02		
Non-Peer Review Journals			
e-Journals			
Conference proceedings	06	11	

3.	5	Details	on Im	pact fact	or of p	ublication	ıs

ъ Г		. .			Nos in SCODIE	
Range	3	Average	4	h-ındex	 Nos. in SCOPUS	

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 yrs	UGC	12,96,400	11,03,000
Minor Projects	2 yrs	UGC	2,68,800	2,19,000
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total			15,65,200	13,22,000

3.7 No. of books published	i) With ISBN No.		ters in Edited Books 01
3.8 No. of University Depart	tments receiving funds	from: N/A	
	UGC-SAP DPE	CAS	DST-FIST DBT Scheme/funds
•	Autonomy NSPIRE	CPE $$ CE $$	DBT Star Scheme Any Other (specify)
3.10 Revenue generated thro	ough consultancy		

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		01			03
Sponsoring agencies		UGC			CPE

					_			
3.12 No. of faculty served as experts, chairpersons or resource persons 09								
3.13 No. of collaborations International $\boxed{02}$ National $\boxed{\dots}$ Any other $\boxed{\dots}$						other		
3.14 No. of linkages	s creat	ed during this y	ear	45				
3.15 Total budget fo	or rese	arch for current	year in lak	ths:				
From Funding ag	gency	14,31,400	From Ma	nageme	nt of Univers	sity/Co	llege	
Tot	al	14,31,400	l					
3.16 No. of patents	receiv		/ A					
		Type of Patent			Number			
	N	lational	Applie		-			
	1	detional	Grante		-			
	Ir	nternational	Applie		-			
			Grante		-			
	C	Commercialised	Applie Grante		-			
			Grante	u			_	
3.17 No. of research	n awar Total	ds/ recognitions	received b	y facul State	ty & research University	fellov Dist	vs of the in	stitute in the year
_						Dist	Conege	
	27	04	12	05	06	-	-	I
3.18 No. of faculty	from t	he Institution						
who are Ph. D.	. Guid	es	01					
and students re	egister	ed under them	04					
2.40.17								
3.19 No. of Ph.D. a	warde	d by faculty from	m the Instit	ution				
3.20 No. of Research	h scho	olars receiving t	he Fellows	hips (N	ewly enrolled	l + exis	sting ones)	
JRF		SRF	P	roject F	ellows 01	A	ny other	
3.21 No. of students Participated in NSS events:								
University level 200 State level 30								
National level International level								
3.22 No. of students participated in NCC events:								
		University level	80	State le	evel	34		
		National level	06	Interna	tional level			

3.23 No. of Awards won in NSS:
University level State level
National level International level
3.24 No. of Awards won in NCC:
University level State level
National level 01 International level
3.25 No. of Extension activities organized
University forum College forum
NCC 13 NSS 15 Any other
3.26 Major Activities during the year in the sphere of extension activities & Institutional Social
Responsibility
✓ Training MGNREGs workers on Energy Management.

- ✓ National conference.
- ✓ Training Aaganwadi workers.
- ✓ NSS annual camp
- ✓ Visits to various institutes with the students

Criterion - IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	7200 Sq.mt			7200 Sq.mt
Class rooms	07			07
Laboratories	21			21
Seminar Halls	01			01
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	00	03	UGC XI Add Asst, And CPE	03
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

- ✓ Tally software used in administrative office.
- ✓ SOUL 2 is used in the library
- ✓ Administration process: Computerized
- ✓ Process of admission: Fill up admission form by the student manually like Enrollment, Examination etc. computerized
- ✓ Examination results : Computerized (given by SPU)
- ✓ Issue of certificate : Computerized

4.3 Library services:

	Existing		Newly	added	Total	
	No.	Value	No.	Value	No.	Value
Text Books	11435		167		11602	
Reference Books						
e-Books						
Journals	22	30,339			22	30,339
e-Journals						
Digital Database						
CD & Video						
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	114	47	Wi-fi campus	10	27	04	16	10
Added								
Total	114	47	Wi-fi campus	10	27	04	16	10

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)
 - ✓ Wi-fi facilities are given to all the staff and TY student in laptop and tablet.
 - ✓ Office has Wi-fi facilities and three broadband internet connection given by BSNL
 - ✓ Each department avail computer with wi-fi for internet access.
 - All the teaching, nonteaching staff excluding peon have knowledge to access internet.
 - Computer basics and computer application is the part of syllabus for FYBSc students in which internet access training given. Internet access facility to SY and TY students is provided as per their time schedule.
 - ✓ Gujarati fonts in all the computers
 - ✓ Latest software are purchased

4.6 Amount spent on maintenance in lakhs:

i) ICT --

ii) Campus Infrastructure and facilities 0.59189

iii) Equipments 0.30927

iv) Others

Total: 0.90116

Criterion - V

5. Student Support and Progression

- 5.1 Contribution of IQAC in enhancing awareness about Student Support Services
 - ✓ Celebrating various weeks like nutrition week, consumer week, breast feeding week etc
 - ✓ Display information on the wall magazine
 - ✓ Orientation programme
 - ✓ Faculty student meetings
 - ✓ Students members in IQAC
 - ✓ Counselling
- 5.2 Efforts made by the institution for tracking the progression
 - ✓ Evaluation of results and discussion with management
 - ✓ Personal counselling of the students
 - ✓ Parent teacher meetings
 - ✓ Feedback from students [online]
 - ✓ Self-appraisal
 - ✓ Student counselling
 - ✓ Grievance box
 - ✓ Women cell
 - ✓ Anti-ragging cell
- 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
419		4	

(b) No. of students outside the state

07

(c) No. of international students

--

Men No % Women

No % 423 100

	Last Year							,	This Y	ear	
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
396	08	29			433	344	12	17	50		423

Demand ratio

Dropout % 5%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Coachi	Coaching conducted by the								
\checkmark	H. M. Patel Career development Centre								
\checkmark	Sardar Patel University								

No. of students beneficiaries

5.5 No. of students qualified in these examinations: N/A

NET	SET/SLET	GATE	CAT	
IAS/IPS etc	State PSC	UPSC	Others	

- 5.6 Details of student counselling and career guidance
 - ✓ Personal and academic counselling where in each faculty is given 20-25 students
 - ✓ Academic counselling for weak students
 - ✓ Career counselling for final year students by organizing series of lectures on facing interviews, conflict resolving, goal setting etc

No. of students benefitted

423

5.7 Details of campus placement

	Off Campus		
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
03	30	03	05

5.8 Details of gender sensitization programmes

- ✓ Workshop on `Breastfeeding & Malnutrition `For mother`s visiting Anganwadies, in collaboration with Community Science centre, S.P.University.
- ✓ Workshop in collaboration with DDO Anand, under CPE, Extension scheme
- ✓ Workshop on, `Mother's milk -A step towards Eradication of Malnutrition`
- ✓ One day workshop on 'Skill Development'.
- 4 day workshop on 'Entrepreneurship- Grooming skills'

5.9 Students Activities

5.9.1	No. of students	participated in Sports,	Games and other events
-------	-----------------	-------------------------	------------------------

	State/ University level	15	National level		International level	
	No. of students participa	nted in cul	tural events			
	State/ University level	55	National level		International level	
5.9.2	No. of medals /awards v	von by stu	dents in Sports,	Games and	l other events	
Sports	: State/ University level	11	National level		International level	
Cultural	l: State/ University level	02	National level		International level	

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from Institution	20	25000
Financial support from Government	79	277330
Financial support from other sources	03	1495.00
Number of students who received International/ National recognitions		

5.11	Student organised / initiatives

	ě .					
Fairs	: State/ University level		National level		International level	
Exhibition	n: State/ University level	01	National level		International level	
5.12 No	o. of social initiatives unde	rtaken by	the students	01		
5.13 Majo	or grievances of students (if any) red	ressed:			

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

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

Mission:

"Vidyaratana Mahadhanam" being, the mission institute aims at professional development and personal enrichment of students along with positive self-concept and confidence.

Goal:

- ✓ To impart education (knowledge and skills) to the young women in Home Science and related areas.
- ✓ To prepare students for various vocations and 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 and personal problem.
- ✓ To educate students for identifying the needs of the disadvantage group of the society and working for their development

6.2 Does the Institution has a management Information System

- ✓ Every three years the curriculum is revised based on the changing needs
- ✓ Minor changes are need based
- 6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- ✓ Academic calendar is planned beforehand in discussion with the faculty and management
- ✓ The Principal is a member of the Governing body of the Management which meets every month.
- ✓ Convenors for various activities like time table, library, exam are appointed
- ✓ Central committee is formed every year with Vice President as one of the senior teacher

6.3.2 Teaching and Learning

- ✓ Use of latest softwares in teaching
- ✓ Prepared study material, question bank and manuals for the students
- ✓ Active learning methodologies are used according to the subject.
- ✓ Faculty members are motivated to participate in seminars/workshop/conference
- ✓ Use of internet facilities for classroom teaching.

6.3.3 Examination and Evaluation

- ✓ An Internal examination committee ensures the smooth conduct of Internal and External (University) examinations throughout the year
- ✓ Internal tests are conducted with strict invigilation and the assessment is done in stipulated time and the marks are communicated to students as well
- ✓ One test, quiz and assignments
- ✓ Each Practical is assessed

6.3.4 Research and Development

- ✓ Faculty members proposed minor & major research projects
- ✓ To encourage research culture among students research workshop was organized, small scale researches are carried out in seminar under the guidance of the mentor.
- ✓ Inter departmental research activities and collaboration are encouraged.
- ✓ Training programme are prepared with standardized training modules for the community
- ✓ Booklets are prepared by the faculty for the community on various topics in local language

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ✓ INFLIBNET has been Installed
- ✓ Wi-fi Campus
- ✓ Classrooms have LCD facilities
- ✓ Bar-coding system and soul software
- ✓ Latest software are used
- ✓ Chemistry lab/ Biology lab/ Extension lab/ and nutrition labs are renovated under CPE

6.3.6 Human Resource Management

- ✓ The academic as well as administrative responsibilities are shared by the faculty members
- ✓ Motivate administrative staff to participate in workshops
- ✓ Each Faculty is given portfolio for the academic year
- ✓ Care is taken to maintain cohesive environment

6.3.7 Faculty and Staff recruitment

- ✓ The management provides guest faculty supporting as and when needed.
- ✓ Regular appointments are done by the state government on the basis of the workload

6.3.8 Industry Interaction / Collaboration

- ✓ Internships in hospitals and nursery schools industries during summer vacations.
- ✓ Educational visits are arranged to provide first hand experiences in various areas related to local industry, food and beverage, textiles, NGO and early childhood education institutions

6.3.9 Admission of Students

- ✓ A separate counselling of students is carried out and the subjects are offered on the basis of their merit of University Exam in First and Second Semester.
- ✓ College also gives admission to those students who have some gap in between their studies by submitting the affidavit with the necessary documents.
- ✓ Students are encouraged to join certificate/add-on courses offered within same institute or in sister institutes of CVM
- ✓ Creating awareness regarding Home Science
- ✓ Counselling to students and parents
- ✓ Dissemination of information related to College

6.4 Welfare schemes for

Teaching	Health Centre
Non teaching	Health Centre, provides two set of uniforms to support staff
Students	Krupa Card for hostel students to avail medical service at health centre

6.5 Total corpus fund generated	

6.6 Whether	annual	financial	audit has	been done

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Inter	rnal
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC & AAA	Yes	CVM
Administrative	Yes	NAAC & AAA	Yes	CVM

6.8 Does the	University/ A	Autonomous (College (declares re	esults w	vithin 30	days	?

For UG Programmes	Yes	٧	No	1
For PG Programmes	Yes		No	

- 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?
 - ✓ Suggestions are invited from the college faculties
 - ✓ University conducted meetings before the examination
 - ✓ Workshop was organised by university for persons dealing with examination
- 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?
 - ✓ Proposal of UGC for autonomous colleges is made available
 - ✓ The college is representative in board of studies, senate, syndicate and academic council
 - ✓ Principal is consulted before organizing various programmes

- 6.11 Activities and support from the Alumni Association
 - ✓ Enhancing the college campus
 - ✓ Donation of benches for the College Campus.
 - ✓ Alumni who are entrepreneurs offer their services for student enhancement
 - ✓ Organized annual meet
 - ✓ On 08th August 2015 a talk was organized on "Nuetracueticals" by Mrs.Sushma Jaiswal.
 - ✓ Many Alumni members supports students by paying their college fees.
- 6.12 Activities and support from the Parent Teacher Association

Parent-teacher meets are organized regularly once a year by each department.

6.13 Development programmes for support staff

Workshop for typing Guajarati

- 6.14 Initiatives taken by the institution to make the campus eco-friendly
 - ✓ Swachta Abhiyan by students
 - ✓ Tree Plantation
 - ✓ Open pit composting of Garden waste
 - ✓ Storing rain water for distilled water use in labs
 - ✓ Chemical waste is disposed to the waste treatment plant managed by Nagar Palika
 - ✓ Eco friendly bird-nest are put up at various places in the campus

Criterion - VII

7. Innovations and Best Practices

- 7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.
- ✓ Pre requisite classes for diploma to degree students in basic sciences.
- ✓ Extension/community activities by each department of the college
- ✓ Subject expert from various fields are called upon by the department give professional touch to the courses offered
- ✓ Eco friendly bird-nest are distributed among the faculty and students in order to make the college campus more conducive for few migratory/local birds under nature club activity
- ✓ Students counseling was carried out to overcome, personal and financial problems
- ✓ Medical check-up with the collaboration Red Cross Society, Eye check-up, Thalassemia camp at Krishna Hospital Karamsad. If thalasemia positive special counselling is provided to parent if the student has Thalesemia.
- ✓ IQAC meeting one in each semester
- ✓ Environment tour organized for first year students
- ✓ College has facilities for indoor play area and canteen for the students.
- ✓ Students who are poor in English special English laboratory is established to give individual attention students are trained to appear for scope areas.
- ✓ College organizes exhibitions where stakeholders are invited and their suggestions are welcomed.
- ✓ College is very actively working for the sapta dharas to bring talent search
- ✓ Central committee of the students lead by the Genaral Secerety of the college is motivated to organize various activities under the guidance of incharge faculty
- ✓ Students are provided with indoor game facilities and are motivated to participate in the same.
- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)
 - Organized National conference.
 - ✓ Organized Faculty Development Program

*Please see Annexure-iv for best practices details.

- 7.4 Contribution to environmental awareness / protection
 - ✓ Storing rain water for lab purposes
 - ✓ Tree plantation
 - ✓ Preserving Medicinal herbs garden

7.5 Whether environmental audit was conducted?

Yes

--

No V

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths:

- ✓ Qualified and Experienced Faculty.
- ✓ Supportive management
- ✓ Cohesive environment for personal growth
- ✓ Use of ICT and latest software's in class room and practical's
- ✓ Ample of space for further development of infrastructure in campus.
- ✓ Retaining well qualified human resources

Weakness:

- ✓ Low fluency of English in students at entry level.
- ✓ Seriousness towards their career is low due to social constraint

Opportunities:

- ✓ Preparing students for global challenges.
- ✓ Enhanced linkages with various industries and institutes.

Threats:

- ✓ Decreasing strength
- ✓ Tough competition due to many upcoming educational institutions.
- ✓ Low communication/soft skills among students of vernacular medium.

8. Plans of institution for next year

Activity	Tentative Dates
First term:- 13 th June 2016 – 3 rd Dec 2016	
Academic Calendar	
Internal Test	6 th Sept 2016
Internal Practical Test	15 th Sept 2016
Internal Marks submission	1 st Oct 2016
University Exams	13 th Oct Practical
	15 th Nov Theory
Diwali Break	24 th Oct – 12 th Nov 2016
Central Assessment	23 rd Nov – 29 th Nov 2016
Second Term:- 5 th Dec to 10 th June 2017	
Summer Break	24 th April to 10 th June 2016
Internal Test	6 th Feb 2017
Internal Practical	15 th Feb 2016
Internal marks submission	4 th March 2017
University Exam	27 th March 2017
Central Assessment	13 th April 2016

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Dr. Bhavana Chauhan

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Ms. Rekha Emanuel

14-3

Dr. Nidhi Gupta

Name & Signature of the Coordinator, IQAC

Name & Signature of the Chairperson, IQAC

Abbreviations:

CAS - Career Advanced Scheme

CAT - Common Admission Test

CBCS - Choice Based Credit System

CE - Centre for Excellence

COP - Career Oriented Programme

CPE - College with Potential for Excellence

DPE - Department with Potential for Excellence

GATE - Graduate Aptitude Test

NET - National Eligibility Test

PEI - Physical Education Institution

SAP - Special Assistance Programme

SF - Self Financing

SLET - State Level Eligibility Test

TEI - Teacher Education Institution

UPE - University with Potential Excellence

UPSC - Union Public Service Commission

Annexure – i

Plan of action chalked out by the IQAC in the beginning of the Academic year 2015-16 towards quality enhancement.

ACADEMIC CALENDAR 2015-2016

Activity	Tentative Dates
First term (First, Third & Fifth Semester):	22 nd June 2015 – 12 th Dec 2015
Internal Test	8 th Sept 2015
Internal Practical Test	21 st Sept 2015
Internal Marks submission	3 rd Oct 2015
University Exams	26 th Oct 2015
Diwali Break	9 th Nov 2015 to 29 th Dec 2015
Central Assessment	4 th Dec 2015 to 10 th Dec 2015
Second Term (Second, Fourth & Sixth Sem.):	14 th Dec 2016 to 18 th June 2016
Summer Break	2 nd May 2016 to 18 th June 2016
Internal Test	18 th Feb 2016 to 27 th Feb 2016
Internal Practical	1st March onwards
Internal marks submission	19 th March 2016
University Exam	15 th April 2016
Central Assessment	23 rd April 2016 to 28 th April 2016

Annexure — ii Analysis of the Feedback

Feedback from others stakeholders	Action taken
DDO Anand suggested that the inputs by	The President of Anand Municipality and
home science faculty and students are	Council appreciated the national conference on
very useful to Anganwadi Workers.	sustainable strategies of waste management.
Similar programmes will be conducted	
every year	
In the IQAC meeting it was suggested to	Exhibition, open house workshop were arranged
have student showcase their skills in	from time to time.
community.	
The college received appreciation from	
various stakeholders for its community	
involvement work	
Stakeholder suggested remedial classes	Teachers imparted knowledge and clarity of
for slow learners.	subject matter to the slow learners and then
	internal improvement test and assignments were
	given.
	Parents were called and counselled.
Request from the community for help to	Conducted demonstration on "Satvik Aahaar" at
make the local food nutritious.	Dharmaj and Arnej village by FN Department.
	Faculties published booklet on "Satvik Aahaar".
ICDS Functionaries request some	Under seminar subject research was carried out
programmes	with aanganwadis, Anganwadi Training Centre.
As per suggestion of IQAC to develop	As part of "Earn while learn" initiative was
entrepreneurship skills.	taken.
To provide consultancy services	T.Y.FSQC students provided suggestion to
	Mr. Sulax Shah, Aakash Ganga foods, for
	Khakhra making plant with ideas of curry leaves
	Khakhras multigrain Khakhras, etc.
As per earlier feedback	Syllabus is regularly updated in all the subjects.
	Teaching in both Gujarati and English language.
Job placement of students	FRM department faculties took students for
	interview at Ahmedabad. Our Ex-student
	namely Ms. Pouloumi shah was given placement
	in Zaverba Nursery school. Job opportunities
	displayed on notice board and students were
	guided by experts.

Annexure - iii

Students Feedback of Teachers (2015-16)

The feedback of the students were taken on five point Likert type rating scale, to assess the teachers attributes namely clarity of subject, interest generated among the students, teacher's behavior with the students, knowledge base, regularity in taking up classes & practicals, evaluation method adopted by the teacher and teaching methods used during the teaching.

The results revealed that most of the teachers were assessed by the students in various attributes to be good to very good except few teachers which falls in the category of average to good in specific attributes.

A very few teachers need improvement in generating interest among the student's knowledge base & teaching methods, while selected few needs polishing on the aspects of interest generation, regularity & evaluation method. Majority of the teachers were in the overall category of good to very good in all aforesaid attributes.

Students Feedback of the College (2015-16)

The final year students of 2015-16 were asked to grade the institute (Sec I) on the selected attributes likes academic courses, usefulness of teaching materials, interaction with faculty & administrative staff, counseling facilities, laboratory facilities, library facilities, computer facilities, fairness of evaluation &Saptdharas activities. The Sec II of the tool consisted of open end questions like change in personality, plan after competition of programme, joining alumni association and suggestion for improvement of curriculum.

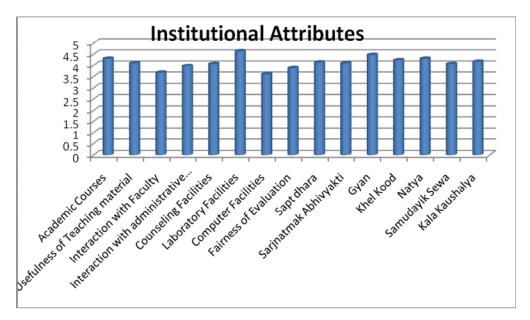
The results revealed that 86% of the students find the academic courses very good and the teaching material very useful (82%). The students were comfortable while interacting with the faculty (72%) and administrative staff (75%). Four-fifth of the students feels that counseling facilities are good in our college. Majority of the students are of the opinion that labs and library facilities are good to very good. 76% of the students feel that college has fair system of evaluation. The students have actively participated in various Saptdharas activities. Majority of the students feel that Saptdharas activities like Sarjanatmak Abhivyakti, Gyan, Khel, kood natya & Kala Kaushalya were good.

When asked from the students about whether they found any positive change in their personality after completion, majority felt a positive change in their personality after joining this college and half of the students intend to go for further studies. 85% of the students want to be the part of alumni association of our college.

When the students were requested to give suggestions for further improvement of the curriculum, the analysis revealed that:

- Majority of the students were satisfied with their curriculum
- > 5% of the students felt that there was partiality in evaluation.
- > 32% seems unsatisfied with internet facilities in computer lab.
- ➤ 6% of the students felt that work allotted to them was too much & need to be reduced

Fig:



Annexure - iv

<u>Best Practice-1:</u> Organized UGC Sponsored National Conference on "Sustainable Strategies for Waste Management" 24-25th July 2015.

Conference Committees:

- Patron: Dr. C.L. Patel and ShriBababhai Patel
- Advisory: Prin. S. M. Patel, Dr. J. D. Patel and Ms. Paresha Patel.
- **Convener**: Prin. Rekha Emanuel.
- Organizing Secretary: Dr. Nidhi. Gupta and Dr. DevikaThakker.
- Steering Committee: Ms. AlpanaShah, Ms. BhavanaChauhun, Ms. SushmaBatra, Mr. YogeshVadwala, Dr. Sharda Joshi, Ms. KalpanaSrivastava.

The National Conference on "Sustainable Strategies for Waste Management" was organized on 24th -25th July 2015 in the college campus. In the conference the municipality persons of Anand and Vidyanagar were involved so that the objectives of sustainability could be achieved.

On 24th July, 2015 conference started at 8.00 am with the registration, tea and snacks. Formal inaugural function started at 10.00 am with invoking of the god and enlightening of lamp. Prin. Rekha Emanuel introduced and welcomed the guest. The organizing secretary of the conference Dr. Nidhi Gupta set up the platform for the conference by enlightening the audience about objectives and the detailed programme schedule of the conference.

The main objectives of the conference were

- > To set up a platform for exchange information related to strategic thinking and planning among waste-management experts from various regions.
- > To sensitize and promote the advanced waste-management practices and waste management hierarchy.
- ➤ To deliberate on challenges and barriers in the efficient implementation of policies and regulations in waste management.
- > To create public concern on the environment, economic and social impacts of waste management in the society.

The chief guest of the function Dr. Sanjiv Tyagi, Director of Gujarat Environment Management Institute (GEMI) talked about the new technologies and how technology helps in reduction of waste. The president of Vidyanagar Nagarpalika Mr. Mahendra bhai Patel enlighten the audiences about problems faced by municipality in keeping the city clean. He insisted that there should be strict rules to manage waste. The president of Municipality Anand, Mr. Pragneshbhai Patel gave his best wishes for the success of the conference. The President of the inaugural ceremony Dr. J.D. Patel, Hon. I/c Sec. Charutar Vidya Mandal emphasizes that managing waste strategy is managing human mind. He suggested two books that one must read. They are:

- Silence Springs
- Ishmyle

The inaugural function ended with a vote of thanks proposed by Ms. Alpana Shah.

The Key note speaker of the conference Dr. Sanjiv Tyagi, Director of Gujarat Environment Management Institute (GEMI), a graduate from IIT, Delhi in Civil Engineering, was a member secretary of Gujarat Pollution Control Board in June'02 2009 and Gujarat State Level Environment Impact Assessment Authority from July 2007 to July 2009. He has authored a book on environment titled "From Gray to Green- New thoughts on Environment" and was instrumental in developing online consent management system to grant online permission under water and Air act and hazardous waste rules. The board was awarded National e-governance award 2008-09 for it. The effort won CFI-NIHILANT 2010 Award in the category of environment excellence. He gave his key note address on the titled **let's not waste "WASTE"**. He enlightened the audience about present scenario of waste in India & he also mentioned the reasons of waste not been managed properly.

The Resource person for the first session was Dr. Savita Singhal, a home scientist by profession. She is dean, I. C. College of Home Science, Haryana and Agricultural University, Hissar and a hard core environmentalist with bent for converting waste to energy in a sustainable way pioneer in area of waste management & last 27 yrs worked in the field. Ms. Sushma Batra introduced her to audience. She talked about consequences of wasting water, benefit of fresh air, acidic rain etc. Water as an important resource. She gave various examples of how so called waste can be converted into a useful resource. She also emphasized that organizers have selected very relevant topic for the conference. The session was concluded with vote of thanks by Ms. Minal Chauhan.

Resource person for the 2nd session was Mr. Suneet Dabke, Ph.D., an Environment consultant. His topic was "Community Waste Management: A journey of Understanding". Dr. Sharda Joshi introduced him to participants. He discussed about waste management and option or need. He emphasized the need for proper waste management and gave various suggestions for disposal of waste at community level rather than dumping it. He also presented a commercial waste study on waste management. He also showed video of the waste management to participants. The session ended with vote of thanks by Ms. Mittal Barot.

The research paper from 27 different institute were categorized into three groups and parallel session was arranged for presenting the paper. The three categories are:

- ➤ Challenges & Constraints in Waste Management.
- ➤ Environment Considerations & Sustainability.
- ➤ Community Involvement Initiatives in Waste Management.

The participants selected their area of interest & each room had more than 25 delegates. The chairpersons of the session on oral presentations were;

- > Dr. P. M. Udani, director, ISTAR, Charutar Vidya Mandal, Vallabh Vidyanagar
- Dr. Niranjay Roy, Principal, Ashok & Rita College of Biochemistry
- ➤ Dr. Bhavesh Patel, Principal, V.P. & R.P.T.P Science College

Following experts were invited as a judges for poster presentation;

➤ Dr. Bhanu Patel, Retd. Head of Textile & Clothing dept., S. M. Patel College of Home Science.

- ➤ Dr. Nirmal Kumar, Head, Environment Department, ISTAR.
- Ms. Preeti Shah, Principal, SMAID, New Vallabh Vidyanagar.
- ➤ Ms. Paresha Patel, Retd. Head of Human Development, S.M .Patel College of Home Science.

The Second day of the conference started with breakfast followed by the session-IV and resource person was Mr. Shashibhai Shah. His topic was, "Micro Level Management of Waste". He was introduced by Mr. Yogeshbhai Vadwala. He spoke on how engineers and architect had got together forming an Engineer Sewa Trust which does micro level management of waste. He also made a Power Point Presentation on low cost houses and management of same by bio-waste. The session was concluded with vote of thanks by Mr. Ranjit Bhagora.

Mr. Shashibhai Shah session was followed by a very interesting Panel discussion. The panel members were introduced by Dr. Nidhi Gupta and Ms. Arti Pamnani who has done lot of work in environment was interlocutor. The panel members were

- Mrs. Krishna Narain who briefed us on segregation of waste and suggested that waste management starts form one and shouldn't blindly follow western technology.
- Dr. Reshma Patel Civil Engineer who emphasized that all resources are interrelated and our approach should be '3R' that is Reduce, Reuse and recycle.
- Mrs. Neeta Jethwa enlightened homemakers talked on how she deals with House hold waste and how she trained staff of her husband to manage bio medical waste.
- Shri Vibhakar Rao, Senior, Sanitary Inspector of Anand- talked on various challenges & constraints Municipality faces in managing waste disposal.

The discussion was left open for the house. The participants very actively participated & the panel discussion was concluded with the common consent on adoption of awareness in people related to contemporary waste management practices & changing our lifestyle.

The resource person for 5th session was Mr. Amruth Rathod. His topic was "Decentralized Solid Waste Management: Sustainable approach towards waste management". He was introduced by Ms. Padmaja Pupalla. He introduced his company "Excel Industries" which deals with disposal of kitchen & lab waste. He talked about various waste management like flower/agriculture/food. He also introduced very eco-friendly technologies used by his company for management of waste. The session concluded with vote of thanks by Ms. Trusha Lad.

The Chief Guest of the valedictory function was Dr. Vinayak Patel and President of the function was Dr. S. G. Patel, Hon. Sec., and Charutar Vidya Mandal who were introduced by Ms. Bhavana Chauhan. During the valedictory function the awards for poster presentation were declared by Dr. Nidhi Gupta, the Organizing Secretary of the conference. Dr. Devika Thakker summed up the two day programme. Participants were requested to give their feedback for the same.

Ms. Armaiti Shukla, SVT Mumbai appreciated the selection of experts, time management & hospitality of the conference. Mr. Jemish Lathiya from Architecture College said; this conference of waste management was very successful because the organizers have studied the waste

management aspect from various angles as all the stakeholders were involved. Dr. Surbhi Singh from Dantiwada agriculture university gave her expert opinion that all lectures were effective and how waste can be used to earn profit. Dr. V. H. Patel, Head, P.G. Department of Home Science, Chief Guest of the function talked about waste management and E-waste.

Dr. S. G. Patel talked on how we should manage our waste thoughts. He congratulated the organizers for choosing the topic of National Conference keeping the national interest in mind. The session ended with enchanting of National Anthem. The sustainable solutions that come up from this two days conference with lot of churning from experts are briefed up as follows:

- New technologies need to be worked out along with old practices.
- Waste management is the collective responsibility of all.
- Mindset change from NIMBY approach.(Not in my backyard)
- Change in lifestyle.
- Definition of waste varies from country to country so no copying from west.
- Waste to be converted to energy/wealth.
- Classification of waste need to be done.
- Bio degradable waste management.
- Innovative use of waste should be thought off.
- Town planning should consider waste planning also beforehand.
- The generation should come out from this NIMBY approach.
- Waste management hierarchy 3R's Recycle, Reduce and Reuse should be religiously adopted.
- Recycling of solid waste for profit generation.
- Steps in strengthen ecology, proper combination of environment, ecology and technology.
- Unnecessary waste if waste avoided.
- Bio waste for rural household.
- Water pollution than soon we have to face the consequence of wasting water.
- Good will stores in the neighborhood can also help to manage waste.
- Pillarization of biomass.
- Develop awareness about pollution and global warming.
- Traditional wisdom has to be revived.
- Use of cotton bags instead of plastic.
- All the participants felt that plastic is nuisance.

Best Practice-2: Organized One Day Faculty Development Programme Jointly by the IQAC of V P & R P T P Science College and S M Patel Home Science College, Vallabh Vidyanagar

Date: 22/12/2015

Time: 9.00 am to 5.45 pm

Venue: Auditorium, S M Patel College of Home Science

The Inaugural session of the programme began sharply at 9:30 am and it was presided by Prin.Shri S.M Patel, Secretary CVM, and the chief guest for the occasion was Param Pujya Swami

Akhilanand Saraswati of Vigyan Mandir Trust Anand. Dr Nikunj Bhatt, Coordinator, IQAC V.P Science College began the proceddings.Dr Bhavesh Patel Prin.V.P.Science College formally welcomed the guest and spelt out the objectives of the Faculty Development Programme.

Swami Akhilanand in his address stressed that the purpose of life is to find happiness and what separates human from animals is that humans are blessed with the power to think and discriminate. Swamiji said that teaching is swadharma and swakarma and as teachers we should change our thinking and attitudes when doing our duties to find happiness.

Then the president of the function, Prin.S.M.Patel spoke on the need for teachers to constantly introspect and should always remember that they should be ideal role models for the students. They should be aware of their own strengths and weaknesses, improve their communication skills and contribute to social reconstruction.

The second session was conducted by Dr Ramesh Kothari, Professor, Biosciences Department, Saurashtra University, Rajkot. Dr Kothari spoke about Academic Performance Indicators (API), what they mean and why they are important and how one can build a strong API keeping in mind the future prospects.

The post lunch session was conducted by Dr Shamsha Emanual, Educationist, Vallabh Vidyanagar.Dr Emanual spoke on the need to be flexible when it comes to pedagogy of teaching. The learning process must involved both the teachers and students. She also spoke about different ways of the teaching learning process.

The final session of the one day programme was an open house Panel Discussion. The panel which included Dr Bhavesh Patel, Prin.V.P.Science College, Dr Rekha Emanual, Prin S.M.Patel College of Home Science, Dr.P.M.Udaani, Director ISTAR, Dr Basudeb Bakshi, Prin N.V.PAS was moderated by Dr Mahesh Yagnik an eminent educationist and scholar. The panel discussion was on the topic HIGHER EDUCATION –THE PRESENT SCENARIO.

Dr Yagnik started the proceedings by tracing the history of education in India, its objectives and spoke about the changes that the system has undergone. He highlighted the fact that ours is a teacher centric curriculum which is outdated in many sectors and that there is a conflict between idealistic and pragmatic objectives.

Then Dr Udaani spoke about institutes that create knowledge, disseminate knowledge and institutes that cater to the large masses. Dr Udaani said that institutions should invite professionals from the industry to talk to the students. He stressed on the fact that for the deserving candidates opportunities are growing because the government has targeted higher Gross Enrolment Ratio for which more universities and colleges will have to be setup. However, if private institutes (which enroll 60% of students), want to do well they will have to make sure that they have linkages with industry and their students get placed well.

Dr Bhavesh Patel insisted that all professionals need to constantly nurture their skills and that teachers need to be lifelong learners. Dr Patel was of the opinion that the educational standards are by and large average and very little research gets done in our institutions because the atmosphere is not very conducive. He also commented that semestarisation has changed the teachers role from educators to evaluators and the system needs to be reviewed. Dr Patel also said that the government needs to review the policy of not failing students and address the issue of faculty shortage and support staff besides creating better environment for research.

Dr Rekha Emanual in her address said that teachers must be aware of the generation gap. So they must have good communications skills, have a positive attitude and a positive body language to touch the affective domain of the students in order to connect with them in a right way. Looking at the change all around teachers need to change the way they teach.

Finally Dr Basudeb Bakshi commented that institutions must also prepare students through personality development programmes so that they can present themselves properly. Dr Bakshi stated that course modifications must be done as per the demand in the industry and institutions likewise must design and deliver career oriented courses to increase employability.

At the end of the discussion, many participants also gave their views on various aspects of higher education.

The programme ended with the felicitation of IQAC coordinators Dr Nikunj Bhatt, V.P.Science College and Ms Bhavana Chauhan and Dr Nidhi Gupta of S.M.Patel college of Home Science. The vote of thanks was proposed by Dr Nikunj Bhatt. The programme ended with a national anthem.