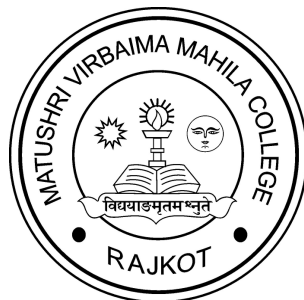


Matushri Virbaima Mahila Science & Home Science College, Rajkot



# Annual Quality Assurance Report

2010-11

Submitted to  
National Assessment and Accreditation Council  
Bangalore

(Ms. N. K. Pandya)  
Coordinator  
Internal Quality Assurance Cell  
M. V. M. Sc. & Home Sc. College  
Rajkot

(Prin Dr. K. J. Ganatra)  
Chairperson  
Internal Quality Assurance Cell  
M. V. M. Sc. & Home Sc. College  
Rajkot

From the Principal....

This AQAR of the college precedes the re accreditation process. IQAC of the college has been an important factor in the efforts of the college in quality sustenance and enhancement. The four years since accreditation has seen renewed efforts from the IQAC to establish significant quality enhancement mechanism in the college. The team of IQAC has worked ceaselessly to engage everyone in the process and create an ambience of quality awareness.

The college has initiated the process of re accreditation by sending a Letter of Intent to NAAC for re accreditation. I am sure the institution will emerge with flying colours in the re- accreditation process. I take this opportunity to wish all the best to everyone. I am sure everyone shall participate in the process of re accreditation whole-heartedly.

I take this opportunity to congratulate IQAC for the pain staking efforts they have taken in preparing this AQAR which documents every achievement and effort of the institution. All the stake holders including management, faculty members, administrative staff, and students, alumnae, and parents have extended their whole hearted support to IQAC in their quest for excellence. It is this collective endeavour of all the stake holders that has paid rich dividend in the past when the college got “A” grade in the accreditation and, I am sure, will go a long way in future also.

Prin. Dr. K. J. Ganatra

Chairman

Internal Quality Assurance cell

M. V. M. Science & Home Science College

Rajkot.

From the Coordinator...

It gives me great pleasure to present this AQAR of the institution. This is the fourth AQAR of the institution after it underwent accreditation process in 2006. I had the humble pleasure of being the coordinator of IQAC since its inception. The four years have been a period of a lot of change and new initiatives.

This AQAR is the last before the institution gears up for the reaccreditation process. The excitement for going into the process of reaccreditation is already in the air. The next year is significant for the institution as it has prepared for all the four years for reaccreditation. I am sure we shall scale ever higher standards in the process and make all the stake holders proud of the institution.

While this is not a time to speak but to act, I cannot ignore my duty to remember with sincere gratitude the help, support and encouragement extended by two senior members of IQAC of the college, Prof. P. D. Kotak and Prof. Sulabhaben Pandya, who retired from their services and hence from IQAC. Their active involvement in the activities of IQAC was a source of inspiration and encouragement. I also take this opportunity to welcome Dr. Chetana Rajyaguru and Dr. Jatin Upadhyay to IQAC.

I take this opportunity to thank Principal, Dr. K. J. Ganatra, the management of the college, the members of IQAC, all the faculty members and administrative staff of the college for their help and support and expect the same in future also.

Neela K Pandya

Coordinator

Internal Quality Assurance Cell

M. V. M. Science & Home Science College,

Rajkot.

# M. V. M. Science and Home Science College, Rajkot

## Internal Quality Assurance Cell

### Annual Quality Assurance Report 2010-11

#### Part A

The academic year 2010-11 is the fourth year after the accreditation of the institution. IQAC of the college was formed before three years. It has proved to be an important mechanism to monitor and encourage quality initiative in the college. It was a satisfactory experience for IQAC as the year progressed in much the same way as it was planned.

The members of the IQAC have worked in consultation with the faculty members, management of the college to achieve more and improve upon our performance. Principal Dr. K. J. Ganatra has been a positive influence in the effective functioning of the IQAC.

No.	Name	Designation	Representation
1	Dr. K J Ganatra	Chairman	Principal
2	Prof. K K Khakhkhar	Member	Management
3	Ms. Sulabhabe K. Pandya	Member	Faculty (Microbiology)
4	Mr. P. D. Kotak	Member	Faculty (Physics)
5	Ms. Diptiben M Oza	Member	Faculty (Home Mgmt)
6	Ms. Bhavana Vaid	Member	Faculty (Food & Nutrition)
7	Ms. Gira M Mankad	Member	Faculty (Gen. Science)
8	Dr. C M Thaker	Member	Faculty (Physics)
9	Ms. Neela K. Pandya	Member coordinator	Faculty (English)
10	Ms. R B Rathod	Member	Librarian
11	Mr. H V Parmar	Member	Head Clerk
12	Dr. Jagrutiben Dolariya	Member	Eminent Personality

IQAC of the college regularly holds meetings, takes stock of the academic and co-curricular activities of the college, gathers feedback in informal manner and provides help and guidance to the departments of the college in quality enhancement. IQAC works as a useful link between various stake holders and facilitates the smooth functioning of the activities of the college.

## **The plan of action chalked out by the IQAC and its outcome at the end of the year:**

IQAC has chalked out a plan of action for the institution for the academic year 2010-11. The details are as follows:

### **❖ Plan for infrastructure development:**

The institution has the following plan for infrastructure development for the next year. However, some of these may carry over for a couple of years as they are slightly long term programmes. The institution wishes to start the procedure for the following infrastructure developments.

- **Library building: The institution needs a separate library building. At present the college library is housed in a large room in the college building itself. The present arrangement is not sufficient in view of the growing needs of the institution. The library needs more space for stacks and more arrangement for reading room. The college plans to build a new library building.**

The institution has started work on the proposal. The plans and drawings for the building are ready. Certain financial constrains have delayed the beginning of construction work. But the new library building is very much in the priority list of the institution.

- **Setting up a language lab in the college**

Teaching of English has become very important with both the university and the state government giving special emphasis to English language teaching. The latest syllabi of English for all the under graduate classes in science faculty has a portion for spoken English necessitating the use of language laboratory for the effective transaction of syllabi. The department of English has forwarded a proposal through the institution to the state government for setting up a language laboratory in the college. The state government has a scheme for providing financial assistance to the colleges for setting up a language laboratory. The government has sanctioned a language lab to the institution and we believe by the end of December 2011 the lab would be commissioned and in use.

- **The institution wants to build a well furnished and well equipped seminar hall.**

The institution has started work on the proposal. The management has assigned work to architect to draw a plan for the same.

- **The institution wishes to update its sports infrastructure. We wish to update and increase our infrastructure facilities.**

A proposal to set up a basketball court and cricket pitch in the college has been forwarded to the UGC.

❖ **Academic Plans:**

The institution has the following plan for academic development during the next academic year:

- **The institution intends to start Microbiology as core course in the first and second semester and Physics as an elective subject in third and fourth semester under the CBCS regime.**

The institution has offered Microbiology and students were admitted during the current year i.e. 2010-11. Physics, Botany and Zoology courses for semester-III and IV will be offered and students would be admitted from the academic year 2011-12.

- **Next year, we intend to start crash courses on various professional skills such as Food Preservation, Canning & Bottling etc.**

Various departments organized crash course. The details of the same are in Part B Para 8.

- **The institution will organize a national conference on “Environment and Climate”.**

The national conference was organized by the Biology department of the college in collaboration with International Society of Science and Technology (ISST), Mumbai on 13<sup>th</sup> February, 2011 and had a grand success. Participants from across the country participated in it.

- **We understand the importance of value education. We shall organize various activities and lectures in collaboration with various NGOs and individuals.**

Various departments of the college organize lectures, demonstrations, fieldwork tours, camps such as bone density check-up camp, check-up camps for women health, exhibition-cum-sale, income generating programmes, creativity workshop, art workshop, various competitions, as part of extension and curricular activities.

- **All the departments will form study circle**

All the departments have formed study circles. The study circles engage in curricular and extracurricular activities throughout the year.

M. V. M. Science and Home Science College, Rajkot

Internal Quality Assurance Cell

Annual Quality Assurance Report 2010-11

Part B

**1. Activities reflecting the goals and objectives of the institution:**

The goals and objectives of the institution are as follows:

- To impart quality education to our students.
- To inculcate strong moral values in our students.
- To make our students emancipated right-minded independent intellectuals.
- To make our students aware about career opportunities available to them and to assist them to achieve them.
- To infuse a sense of social responsibility in our students.
- To instill a strong scientific spirit and love for science in our students.
- To work towards women empowerment and to spread awareness about problems and challenges of women in society and their constitutional rights and remedies.
- To help students grow into well equipped home makers.

Following activities were carried out by the institution which reflect the goals and objectives of the institution.

- Students paper presentation, poster presentation and participation at various state level and national level seminars and conferences.
- Industry visits to Shapar Veraval industrial zone, study tour to Hingolgarh Nature Park, visit to Food Processing Units, visit to mess, art gallery and multimedia center at Rajkumar College, Rajkot, visit to Nyari filter plant, visit to various NGOs, hospitals, self help groups, visit to Patola unit.
- Various lectures of scholars on various topics.
- College organized quiz competition on July 10, 2010 as part of Swarnim Gujarat celebrations.
- The new students were welcomed and blessed by Shri Parmatmanandji on July 15, 2010.
- A exhibition cum sale of eco friendly products was organized by students of B. Sc. Sem-I of Home Science on 9<sup>th</sup> September, 2010.

- A lecture was delivered by Prof. Pradip Jobanputra on Krishnavatar by Kanaiyalal Munshi on August 07, 2010 under “Vanche Gujarat” campaign. *Socrates* by Manubhai Pancholi was put in circulation under the campaign.
- Workshops on food adulteration, food preservation, and bakery items.
- Awareness programmes such as removal of poverty, Income Generating programmes in rural area.
- Various awareness programmes by demonstration, workshop, puppet show, street plays & visits of NGOs & Anganwadis, various experts were invited to deliver lectures on child and human rights, finance management and banking services.
- CAREER COUNSELING AND DEVELOPMENT CENTRE (CCDC) of the college organizes various lectures, programmes, coaching classes, and awareness generating drives for career opportunities available to students.
- Various programmes were organized such as First aid training to students, poster competition, rangoli competition etc. on National Youth Day on 12<sup>th</sup> January, 2011 in collaboration Navjivan Trust, Rajkot, Gujarat State Aids Control Society, and Aids Control Unit, Rajkot.
- Nature club of the college organizes various programmes such as College Campus Clearing, Tree Plantation, Waste Management, national park visit at Hingolghadh, eco-friendly life-styles etc to create awareness among the students about their environment and to sensitize them to their role in preserving their environment.

## **2. New academic programmes initiated (UG and PG):**

Microbiology as core course in semester I and II

Botany and Zoology as elective subjects in semester I and II

Human Development as an elective subject in B. Sc. Home Science

A course on NGO management in semester V in B. Sc. Home Science

Extension planning in semester VI as a subject in B. Sc. Home Science

A course of project work in semester VI

## **3. Innovations in curricular design and transaction:**

Choice Based Credit System (CBCS) was introduced for all under graduate courses. Faculty members participated in framing curricula for the various subjects taught in the college. Use of multimedia, computers, internet and e-content is a regular feature of curricular transaction.



**4. Inter-disciplinary programmes started:**

NIL

**5. Examination reforms implemented:**

Practical examination (viva voce) and Project work was introduced. As part of CBCS regime, internal and continuous assessment was introduced for all undergraduate courses. The students now are evaluated for 30 marks throughout the semester by assignments, seminars, presentation, quizzes and MCQ tests. The university examination now consists of 70 marks.

**6. Candidates qualified: NET/SLET/GATE etc.**

NIL

**7. Initiative towards faculty development programme:**

No.	Name of the faculty	Department	Course /training	Agency
1	Raksha ben Dave	General Home Science	First Aid Training	Red Cross
2	Vinaben Samani	General Home Science	First Aid Training	Red Cross
3	Neela K. Pandya	English	Academic and Administrative Audit	Knowledge Consortium of Gujarat
4	Chetan T. Thaker	Physics	Academic and Administrative Audit	Knowledge Consortium of Gujarat
5	Hemant V Parmar	Administrative staff	Academic and Administrative Audit	Knowledge Consortium of Gujarat
6	Neela K. Pandya	English	Training Teachers of English to Develop e-Content”	Knowledge Consortium of Gujarat and SUETA June 31,2010

No.	Name of the faculty	Department	Course /training	Agency
6	Neela K. Pandya	English	Training Programme for Master Trainers <b>Knowledge Management Programme</b>	Knwoledge Consortium of Gujarat and P.D. Malaviya College of Commerce, Rajkot March 12-13,2011
7	Veena S. Samani	General Home Science	Preparation material for “ <b>Rasoima poshaktatv ni janvni</b> ”	(B.I.S.A.G.)Gujrat Government , at Junagdh District. 12-3-2010

- The institution also encourages participation of the faculty in seminars, workshops, symposia, conferences and educational camps.

#### 8. Total number of seminars/workshops conducted:



- A national conference was organized on “Environment and Climate” by the Biology department of the college in collaboration with International Society of Science and Technology (ISST), Mumbai on 13<sup>th</sup> February, 2011 and had a grand success. Participants from across the country participated in it.
- The Geet Sangeet Nritya dhara of the college organized a training workshop on folk dance, classical dance, folk song and group song .
- A workshop on Youth Empowerment – Personality Development was organized under auspices of Ahmedabad Management Association on August 22, 2010
- A training workshop on Mime was organized.
- Income Generating Programme by preparing and selling masaala and namkeen.
- A workshop on Canning and Bottling was organized in collaboration with bagayat centre of Gujarat Government, Rajkot at the college under income Generating Programme from 3<sup>rd</sup> to 13<sup>th</sup> March 2011.

## 9. Research projects a) Newly implemented b) Completed

- Dr. J. J. Upadhyay's post-doctoral research project funded by UGC on 'Synthesis and Study of Liquid Crystalline Substances' is completed.
- A UGC sponsored Minor Research Project on "Incidence of Osteopenia and Osteoporosis in Premenopausal and Post-menopausal Women of Rajkot City – An Exploratory Study" by Dr. Bhavna Vaid is completed.



- Government of Gujarat assigned consultancy and project to the institution to prepare Soil Health Card of the land of 20,000 farmers of 74 villages of 5 talukas of Rajkot district. Dr. A. P. Goswami, Head, Department of Biology was appointed as in charge of the project. 19927 samples were tested during May to November 2010. The institution introduced **Earn while Learn** Scheme under this project and students were given the work of laboratory testing of the samples. 15 faculty members and 23 students worked in this project.

### 10. Patents generated, if any:

NIL

### 11. New collaborative research programmes:

NIL

### 12. Research grants received from various agencies:

- B. M. Vaid received UGC grant (Unassigned grant) in January 2011 for publishing a book entitled 'Diet Therapy'

### 13. Details of Research Scholars

Following faculty members are pursuing their doctoral/post-doctoral research work.

No.	Name of the faculty	Title	Degree	Status
1	Mr. A. P. Goswami	Ecological Assessment of Various Parameters on Fishery Potential of Reservoirs Nyari-2 of Rajkot District.	Ph. D	Completed
2	Ms. B.P. Khoyani	Origin and Development of Cricket in Historical Perspective of Saurashtra	Ph. D.	In progress
3	Ms. G. P. Mankad	Incidence of Microbial Infection in Multi-transfused Patients	Ph. D.	Completed
4	Ms. V. S. Samani	A Study on Women Entrepreneurs Engaged in Food Processing. –Thesis submitted	Ph. D.	Completed
5	Ms. D. G. Solanki	Nutritional and Hygienic Assessment of Foods sold by Small Vendors in Rajkot City.	Ph. D.	Completed

Following research papers/books of the faculties were published.

No.	Name of the faculty	Title of the Paper	Journal / Publisher
1	Dr. A. P. Goswami	Diversity of Species from Fresh Water Reservoir Nyari II of Rajkot District, Gujarat	<i>Electronic journal of environmental science, Volume III, p. 23 to 26</i>
2	Ms .Neela K. Pandya (Coauthor)	Pathways to English: A Course for Intermediate Students	Cambridge University Press
3	Dr. K. A. Joshi (Coauthor)	Synthesis and Antimicrobial Activity of Some New Benzo[B]Thiophene Incorporated Hydroquinolines,	<i>Indian journal of heterocyclic chemistry” 20, 21-24, 2010</i>
4	Dr. A. P. Goswami	Taxonomic Account of Molluscan Diversity from Fresh Water Reservoirs Around Rajkot City, Gujarat.”	<i>Bionano Frontier Journal, Vol.-3 (2), July-Dec.-2010, pg-205 -208., Mumbai</i>
5	Ms.N. R. Buddhadev	Numerical Score of Sprouted Soyabean Bhel’	<i>Asian Journal of Home Science, June 2010</i>
6	Dr. B. M. Vaid	Processing Effect on Nutritional Quality of Sweet Corn (Zea Mays)	<i>Indian Journal of Nutrition and Dietetics, January 2010</i>

No.	Name of the faculty	Title of the Paper	Journal / Publisher
7	Dr. B. M. Vaid	Effect of Conventional, Microwave and Solar Processing on Vitamin C Content and Bacterial Load of Some Foods	<i>Asian Journal of Home Science</i> , June 2010
8	Dr.B. M. Vaid	Effect of Different Cooking Methods on Bacterial Load and Sensory Characteristics of Some Foods	<i>Research Reach</i> , Jan. 2011
9	Dr.V. S. Samani	A Case Study of Kadam Patola	International Journal <i>ASIAN JOURNAL OF HOME SCIENCE</i> Volume -1 Issue -2, Oct-2010
10	Dr.V. S. Samani	Food Fortification and Micronutrient Malnutrition	International Journal <i>ASIAN JOURNAL OF HOME SCIENCE</i> Volume -1 Issue -2, Oct-2010
11	Ms .D. A. Joshi Ms. I. K. Tanna	Introduction to Human Development	Self
12	Ms .D. A. Joshi Ms. I. K. Tanna	Family Dynamics and Personality Development	Self
13	Ms. D. G. Solanki	Nutritional Management in Health and Diseases	Pravin Prakashan, Rajkot.
14	Ms .D. G. Solanki	Meal Planning	Pravin Prakashan, Rajkot.
15	Ms. B M Vaid	Human Nutrition	Self
16	Ms.B. M. Vaid	Fundamentals of Foods & Nutrition'	Self
17	Ms.V. S. Samani Ms.Malini Pathak	Introduction.to.Clothing	Self
18		Introduction. to Textile	Self
19	Dhatri M. Vasavada	Text book	Jyot Prakashan
20	C.T.Thaker (Co-author)	Effect of structural disorder on electrical and magneto transport of $\text{La}_{0.5}\text{Pr}_{0.2}\text{R}_{0.3}\text{MnO}_3$ (R = Sr and Ba) manganite films	<i>Indian Journal of Pune and Applied Physics</i> , Vol. 49,

#### 14. Citation index of faculty members and impact factor:

- Dr. Kalpana G. Vyas
  - Annals of Botany: impact factor 3.501
  - Flora: 1.439
  - **BHASKAR, A.; Vyas K G. Studies on competition between wheat and *Chenopodium album* L. Weed Res., v. 26, n. 1, p. 53-58, 1988. [Links**

[www.scielo.br/scielo.php?script=sci\\_arttext&pid=S0100...](http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0100...) - **Cached:** Impact factor 2.033

- Dr. C. M. Thaker
  - The citation index has been made of Dr. C. M. Thaker under new and recent subject CMR namely "colossal magneto resistance" the citation name under "introduction to cmr materials" it has high impact factor ~4, to ~5. Personal citation index is about 2.2

**15. Honors/Awards to the faculty:**

- Ms. Neelamben R. Buddhdev was nominated as member of Executive Council of the ‘Asian Journal of Home Science’, a publication of Hind-Horticultural Society, Muzaffarnagar (U.P) on 11<sup>th</sup> March 2010.
- Dr. Bhavna Vaid’s poster on “Eco Friendly Working Device – Solar Cooker; Nutritional Quality and Acceptability and Solar Cooked Foods” was adjudged as the best poster presentation at the national conference on “Environment and Climate” held at M.V. M. Science and Home Science College, Rajkot.

**16. Internal resources generated:**

The college generated following resources during the year by way of sponsorship and registration fees of the national level conference organized by the college.

No.	Details	Amount in Rs.
1	Sponsorship	42,000/-
2	Registration fees	1,60,350/-
	Total	2,02,350/-

The college collaborated with Government of Gujarat for soil health card programme in which complete profiling of agricultural soil samples were prepared. The college generated the following amount:

No.	Details	Amount in Rs.
1	Total 19927 samples of soil were laboratory tested and soil health cards were prepared	15,94,160/-
	Total	15,94,160/-

The institution runs a centre of SCOPE (Society for Creation of Opportunities through Proficiency in English – a Government of Gujarat initiative in collaboration with Cambridge

University and ESOL) under the department of English. 310 students appeared in the examination for various levels during the year. Income generated by the centre during the year is as under.

No.	Details	Amount in Rs.
1	310 candidates appeared	24,300/-
Total		24,300/-

Microbiology department, Chemistry and Home Management department have departmental libraries which are contributed and maintained by the faculty members and students.

**17. Details of departments getting SAP, COSIST (ASSIST)/DST. FIST, etc. assistance/recognition:**

NIL

**18. Community services:**

The institution's goals put emphasis on creating a sense of social responsibility in the students. We strive to make our students sensitive towards the problems and challenges faced by the various sections of the society and especially women. The following list of the activities of the institution amply demonstrates our commitment towards community obligations:

No	NGO/Institution	Activity	Beneficiaries
1	Department of General Home Science, final year	Visit to slum area for literacy drive through posters and charts	Slum dwellers
2	Department of General Home Science, final year	Visit to old age shelter on 1 <sup>st</sup> October, 2010.	Inhabitants of old age home
3	NCC unit of the college	Anti drugs street play in slum areas	Slum dwellers of Rajkot
4	Students of first year	Demonstration and training of best out of waste at Government primary school at Mota Mava village	Village women

No	NGO/Institution	Activity	Beneficiaries
5	Second year students of Home Science	Visit to government preprimary school to train teachers and students in the use of multimedia content and different educational aids	Teachers and students
6	Department of General Home Science, final year	Visit to Anganvadi centres to educate the mothers of Anganvadi children about the importance of healthy food to lactating mothers and mother's milk	Women
7	Department of General Home Science and Rotary Club	Tree plantation	----
8	Department of Food and Nutrition	Students visited various Anganvadis in the city and demonstrated "Low Cost Nutritious Recipes to pregnant women and lactating mothers	Women
9	Department of Food and Nutrition	Students visited various slum areas and conducted surveys of diets of various families and gave useful suggestions about regarding nutrition and health.	Slum dwellers
10	Faculties from Home Management department	Imparted services at farmers' training centre	Farmers

In view of "Swarnim Gujarat" celebration, the college organized a programme in collaboration with Rajkot Municipal Corporation, in which students pledged to donate 100 hours for community services on 09<sup>th</sup> July, 2010.



A special programme called “Sankalp Din” was organized in which students took eleven oaths to save environment, to fight corruption, to stop female feticide, etc. on 4<sup>th</sup> August, 2010.

The college has an NCC unit and an NSS unit. The units carry out various activities throughout the year independently as well as in collaboration with various state agencies and NGOs. The details of the activities of the units are as follows:

- NCC cadets participated in the celebration of World Human Rights Day on December 10, 2010
- NCC and NSS units of the college carried out tree plantation in the campus on July 07, 2010.
- NSS unit of the college carried out a Shramyajna and orientation of the students for NSS was carried out on August 02, 2010.
- NSS unit observed a plastic free campus day on August 08, 2010. Department of General Home Science observed a plastic free campus two times during the year.
- NSS unit of the college sent volunteers to Yuva Asmita Samaroh organized Saurashtra University on September 20, 2010.
- NSS unit observed a campus cleaning drive on February 12, 2011.
- NCC cadets took out a rally for Vyasana Mukti.
- NCC cadets performed anti drug street play at Munjka village to spread awareness about the hazards of drugs on June 26, 2010.
- NSS unit of the college organizes a seven day special camp at Makhawad village of Lodhika taluka. During this camp, various activities were undertaken such as cleanliness drive, awareness programmes regarding food adulteration, nutrition, education, health through demonstration, street plays, workshops and puppet shows.

**19. Teachers and officers newly recruited:**

Dr. K. A. Joshi is appointed as assistant professor in the department of Chemistry.

**20. Teaching – Non-teaching staff ratio:**

2.5:1 (30:12)

**21. Improvements in the library services:**

The library now has a computer system with internet connection for the students and staff members.

All the students and faculty members have been registered as members with N-list.

**22. New books/journals subscribed and their value:**

**CCDC 11<sup>TH</sup> PLAN UGC**

No.	Ac.no.	Title of the book	Author	Price
1	77	Loko Na Manobhav Vancaho Kitab Ni Tahara	Vanraj Malvi	140.00
2	78	Sardar Atle Sardar	Gunvant Shah	120.00
3	79	Advance Essay	Rajiv Tiwari	100.00
4	80	Viswa Na Yadgad Pravachano	Suresh Dalal	500.00
5	81	Jindgi Jivo Birbal Budhdhi Thi	Luis S R Vas	100.00
6	82	Narendra Modi: Adhunik Gujarat Na Shilpi	M.V. Kamath	250.00
7	83	Stri Shakti :Mari Drashtia	Kiran Bedi	125.00
8	84	A Hamesha Shakya Chhe	Kiran Bedi	175.00
9	85	Netrutva Ane Shasan Vyavstha	Kiran Bedi	125.00
10	86	Padkar	Kiran Bedi	200.00
11	87	Narayan Murti	N. Chiken	90.00
12	88	Aatam Vinze Pankh	A.P.J Abdul Kalam	175.00
13	89	Leadership Funda	Luis Vas	100.00
14	90	Stress Manajement	Dr. Bimal Chhajer	90.00
15	91	Leadersheep Atle	Dr. Jitendra Adhia	70.00
16	92	Visulisation	Dr. Jitendra Adhia	100.00
17	93	Prena Nu Zaranu	Dr. Jitendra Adhi	100.00
18	94	Yaad Shakti	Dr. Jitendra Adhia	100.00
19	95	Ignited Minds	A.P.J Abdul Kalam	150.00
20	96	Careers After 10+2	P.S. Bright	199.00
Total				3009.00

**COLLEGE BUDGET (2010-11)**

No	Ac.No	Title of the Book	Author	Price
1	2818	Universe English Gujarati Dictionary	P.G. Deshpandey	310.00
2	2819	Maro Tyan Sudhi Jivo	Gunvant Shah	95.00
3	2820	Get Well Soon	Kajal Oza Vaidya	100.00
4	2821	Haiyu Matak Haath	Bhadrayu Vchchhrajani	140.00
5	2822	Jharukho	Vikas G. Nayak	70.00
6	2823	Just One Minutes	Raju Andharia	125.00
7	2324	Objective Public Administration	B.L. Fadia	125.00
8	2825	Bank Clerical Cader Examination	Agra	140.00
9	2826	Assistant Adminitrative Officer	Agra	200.00
10	2827	Sas Apprent in Cgda	Agra	250.00
11	2828	General Knowledge	N.G.Raval	300.00
12	2829	How to Enjoy Safety	Rath Westheimer	105.00
13	2830	Perfect Your Spelling Power	Raymond Hill	95.00
14	2831	Quiz for All	S.P. Mathur	95.00
15	2832	Job Winning Resumes	Ralph Ferrone	95.00
16	2833	How to Speak Effective English	Eric Fudge	225.00
17	2834	A Sure Way to Be Successful in Life	Norman Garry	125.00
18	2835	Vedic Ganit	Pradeep Kumar	50.00
19	2836	Matru Bhasha Nu Mahima Gaan	Bhadrayu Vachchhrajani	50.00
20	2083	Shixan Ane Samajik Vigyano Man Sanshodhan	D.A. Uchat	500.00
Total				3195.00

## UGC 11<sup>TH</sup> PLAN (2010-11)

No	Ac.no	Title of the Book	Author	Price
1	97	Principles of Organometallic Chemistry	P. Powel	1495.00
2	98	Introduction to Coordination Chemistry	Lawrence Geottery	2871.60
3	99	Writing Reaction mechanism in Organic Chemistry	Audrey Miller	3925.40
Total				8292.00

## MAGAZINE LIST (2010-11)

No	Name of the Magazines	Monthly cost	Annual subscription
1	Akhand Aanand	20.00	
2	Abhiyaan	12.00	
3	Gruh Shobha	25.00	
4	Chitralkha	15.00	
5	Stree	07.00	
6	Navneet Samarpun	20.00	
7	Gujrat medical Bulletin	15.00	
8	Crest	06.00	
9	India Today	25.00	
10	Femina	60.00	
11	Health and Nutrition	75.00	
12	Out look	25.00	
13	Woman's era	35.00	
14	Inside out side	50.00	
15	Compitative success	65.00	
16	Journal of chemical Science	50.00	400.00
17	Indian Journal of Nutrition and Dietics		950.00
18	Resonance	40.00	500.00
19	University News		800.00
20	Bionano Frontier		600.00
21	Dawn to earth	25.00	360.00
Total		570.00	3610.00

## NEWSPAPER LIST (2010-11)

Sr.no	News papers	Annual Subscription
1	Times of India	1200
2	Indian Express	1200
3	Gujrat Samachar	750.00
4	Sandesh	750.00
5	Divya Bhasker	635.00
6	Phool chhab	700.00
Total		5435.00

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

Student feedback is taken through a questionnaire from the final year students of the college at the end of the year. The questionnaire contains a variety of multiple choice and open-ended questions. Students' identity is not revealed. A statistical and qualitative analysis of the feedback is prepared and teachers are accordingly informed about it.

In addition to this, a self appraisal form is also given to teachers which helps them design their future transaction of curriculum and classroom activity.

**24. Unit cost of education:**

$$35398548/549 = 70235.21$$

**25. Computerization of administration and the process of admissions and examination results, issue of certificates:**

All administrative work of the institution is semi- computerized.

**26. Increase in the infrastructural facilities:**

The CCDC of the college has been allotted a separate office with computer and internet facility.

**27. Technology upgradation:**

The institution has launched its own website. The name of the website is [www.mvmschsc.org](http://www.mvmschsc.org)

Following instruments have been purchased by various departments.

No.	Equipment	Quantity	Department
1	Electronic Balance	1	Chemistry
2	Telescope	1	Physics
3	Computer	1	CCDC
4	Photocopier cum printer/scanner	1	CCDC
5	Electrophoresis Unit	1	Micro Biology

**28. Computer and internet access and training to teachers and students:**

Most of the faculty members are computer literate and use computers and internet for their routine work. However, the institution extends free of cost training to all employees at LCC (Lakhotiya Computer Center) whenever there is a demand from the staff. The institution has upgraded its Network Resource Center and students and faculty access internet free of cost and use computers available there.

### 29. Financial aid to students:

Following is the detail of the scholarships given to students as per the government rules:

No.	Scholarship	Beneficiaries	Amount
1	SC Scholarship	15	11840/-
2	ST	Nil	Nil
3	OBC	48	27540/-
Total		63	39380/-

### 30. Activities and support from the Alumni Association:

The alumnae cooperate with the institution and activities are arranged with the help and support of the alumnae association. The alumnae association regularly holds meetings and makes suggestions and takes active interest in the development of the college.

The support and cooperation of the alumnae is in terms of sharing expertise and competence with the students. Following is a glimpse of some of the activities for the year:

- Members of alumnae association enthusiastically participated in the annual cultural function of the institution.
- An Alumna of the college and also member of the IQAC of the college organizes an elocution competition every year on “Shrimad Bhagvat Geeta” on the day of “Geeta Jayanti”
- An Alumna of the college, Dipti Sanklecha assists in B. Sc. Sem – I practicals.
- Ms. Neha Daftari, an alumna, delivered a lecture on child and human right.

### 31 Activities and support from the Parent-Teacher Association:

NIL

### 32. Health services:

- Nephrologist Dr. Sanjay Pandya delivered lectures on symptoms, preventive measures and treatment of kidney diseases on January 15 and 16 2010. As a follow up exercise students visited his hospital to study the procedure of dialysis of the kidney patients.

### 33. Performance in sports activities:

- **SOFTBALL**
  - 16 (Sixteen) students from the college participated in the Inter College Softball Competition organized by Saurashtra University at S.E.T. College, Junagadh.

- **HANDBALL**

- On 29<sup>th</sup> of August 2010 our college organized the Inter College Handball Competition of Saurashtra University. 12 (Twelve) students from our college participated in the competition.

- **BASKETBALL**

- On 20<sup>th</sup> of September 2010, 12 (Twelve) students from the college participated in the Inter College Basketball Competition organized by Saurashtra University at Gajera Sankul, Amreli.

- **HOCKEY**

- On 11<sup>th</sup> of October 2010 our college participated in the Inter College Hockey Competition organized by Saurashtra University at M. V. M. Arts College, Rajkot, held at Dhyanchand Hockey Ground, Racecourse. 14 (Fourteen) students from the institution participated in the competition.

- **CRICKET**

- On 6<sup>th</sup> and 7<sup>th</sup> of December 2010 the college participated in the Inter College Cricket Competition organized by Saurashtra University at M. V. M. Arts College, Rajkot, held at Saurashtra University Cricket Ground. 16 (Sixteen) students from the college participated in the competition.

The names of the students who participated in various competition and achieved success are as under.

Sr.	Name of the Student	Game	Performance
01.	Vadi Jigta V.	Softball	Inter University
02.	Bhensdadiya Rinku M.	Handball	Inter University
03.	Gadhiya Niketa B.	Basketball	Inter University
04.	Vaja Dixita M.	Basketball	Inter University
05.	Changela Dharti H.	Hockey	Inter University
06.	Judasiya Poonam D.	Cricket	Inter University
07.	Dadhaniya Dhara L.	Cricket	Inter University
08.	Kasundra Jalpa C.	Boxing	National
09.	Vaja Dixita M.	Boxing	National
10.	Japadiya Chandani R.	Boxing	National
11.	Solanki Tejal V.	Boxing	National
12.	Hirpara Anjali A.	Swimming	2nd Rank Inter College Competition.

**BOXING**

On 19<sup>th</sup> of September 2010 our college participated in the Gujarat State Amateur Boxing Competition at 'Khokhara Indore Stadium', Ahmedabad. Total 14 (Fourteen) students from different classes participated in the competition. Two of the students achieved Gold Medal, six of them achieved Silver Medal and three of them achieved Bronze Medal. The college achieved the '**General Championship**' with 31 points.

No.	Name	Wight Category	Rank	Medal	Point
01	Kasundra Jalpa C.	45 kg	First	Gold	05
02	Vadi Jigta V.	41 kg	First	Gold	05
03	Judasiya Poonam D.	54 kg	Second	Silver	03
04	Bhensdadiya Rinku M.	41 kg	Second	Silver	03
05	Changela Dharati H.	54 kg	Second	Silver	03
06	Thummar Nirali B.	61 kg	Second	Silver	03
07	Dadhaniya Dhara L.	59 kg	Second	Silver	03
08	Talasoniya Khushbu P.	48 kg	Second	Silver	03
09	Kundaliya Bhavika M.	52 kg	Third	Bronze	01
10	Patel Kajal H.	47 kg	Third	Bronze	01
11	Khunt Kirtika L.	59 kg	Third	Bronze	01
12	Pande Vinita A.	45 kg	-----	-----	-----
13	Makavana Nirupa C.	52 kg	-----	-----	-----
14	Parmar Bhagyshri K.	52 kg	-----	-----	-----
<b>Total Point</b>					<b>31</b>

#### 34. Incentives to outstanding sportspersons:

Students are encouraged by the institution to participate in sports. The students who participate in sports are given sports track-suits, blazers, shoes etc. The students who participate in sports are felicitated at the end of the academic year in a function with trophies and certificates. The institution bears all the expenditure for their participation in sports competition.

#### 35. Student achievements and awards:

The college felicitates the students who have won at various competitions and games or have done exceptionally good in examinations. A prize distribution ceremony and an annual function were organized on 09 - 10 February, 2011.

Following student shone with outstanding achievement in curricular and co-curricular activities and won prizes and awards.

##### Curricular:

- Ms. Tejas Solanki, a student of T. Y. B. Sc. Home Science (Food & Nutrition) won second prize for her poster presentation on “Incidence of Iron Deficiency Anemia in Adolescent Girls, Adult Females and Pregnant Women” at a National Conference on Environment and Climate.

**Co-curricular:**

Students participated with great enthusiasm in the youth festival of Saurashtra University organized on 23 – 24 September, 2010 and 27 September, 2010. The following students emerged victorious and did the institution proud.

No	Name of the student	Competition	Level	Position
1	Jinjola Asmita	Debate	North zone	Second
2	Arya Vishva	Handicraft	North zone	Third
3	Modi Bharti	Rangoli	North zone	Second
4	Rangani Krutika	Painting	North zone	First
5	Arya Vishva	Cartoon	North zone	Third
6	Arya Vishva	Classical dance	North zone	Second
7	Group of students	Mime	North zone	First
8	Group of students	Western song	North zone	First
9	Group of students	Group dance	North zone	First
10	Arya Vishva	Handicraft	Inter zone	Third
11	Arya Vishva	Cartoon	Inter zone	Third
12	Arya Vishva	Classical dance	Inter zone	First
13	Group of students	Mime	Inter zone	First
14	Group of students	Western song	Inter zone	Second
15	Rangani Krutika	Painting	Inter zone	Third
16	Avani Joshi	Firing	Pre T.S.C.	First
17	NCC cadets	Drill	ATC	First
18	Purvika Gondaliya and Chandani Goswami (NCC cadets)	Selection	RDC	
19	Jigna Thaker	Mono acting	Yuva Asmita Samaroh	Third

Various competitions were held at college as part of part of “Swarnim Gujarat” celebration. Students also participated in various district level and state level competitions organized under “Swarnim Gujarat” celebration. The names of the victorious students are as under

No	Name of the student	Competition	Level	Position
1	Upadhyay Sonal and Banugariya Vasudha	Quiz	Interclass	First
2	Hirapara Anjali	Swimming	Inter college	Second



3	Sarvaiya Dikshita	Yoga dance	Inter college	Third
4	Kava Dharmishtha	Essay	Interclass	First
5	Khant Mausami	Essay	Interclass	Second
6	Vaza Dikshita	Essay	Interclass	Third
7	Nayakpara Pooja	Elocution	Interclass	First
8	Limbasiya	Elocution	Interclass	Second
9	Marvaniya Nidhi	Elocution	Interclass	Third
10	Pithava Ripal	Handicraft	Interclass	First
11	Kapadiya Twinkal	Handicraft	Interclass	Second
12	Arya Vishva	Handicraft	Interclass	Third
13	Muliya Rinku	Creative craftsmanship	Interclass	First
14	Jadeja Khammaba	Creative craftsmanship	Interclass	Second
15	Dholariya Ripal	Creative craftsmanship	Interclass	Third
16	Rangani Krutika	Painting	Interclass	First
17	Madhavani Paras	Painting	Interclass	Second
18	Arya Vishva	Painting	Interclass	Third
19	Arya Vishva	Cartoon	Interclass	First
20	Madhavani Paras	Cartoon	Interclass	Second
21	Chauhan Bina	Poster making	Interclass	First
22	Rangani Krutika	Poster making	Interclass	Second
23	Khunt Kirtida	Poster making	Interclass	Third
24	Modi Bharti	Rangoli	Interclass	First
25	Jadeja Krupaba	Rangoli	Interclass	Second
26	Sakhiya Monali	Rangoli	Interclass	Third
27	Group of students	Mime	District	First
28	Group of students	Mime	Zonal level	First
29	Group of students	Mime	State level	First
30	Group of students	Folk dance	District	First
31	Group of students	Folk dance	Zonal level	First
32	Group of students	Folk dance	State level	First
33	Tejal Solanki & Suman Ajan	Quiz (Chat Sawal Pat Jawab)	University	First
34	Group of students	Talent hunt	City	First

### **36. Activities of the Guidance and Counseling unit:**

The CCDC of the college has been allotted a separate office with computer and internet facility.

- The CAREER COUNSELING AND DEVELOPMENT CENTRE (CCDC) of Saurashtra University organized a seminar on career in airlines sector on July 21, conducted the seminar.
- A workshop on “Youth Empowerment and Personality Development” was organized under the auspices of AMA (Ahmedabad Management Association), Ahmedabad on August 27, 2010
- A three month programme on communicative English was conducted under the UMMID programme of Government of Gujarat on January 20, 2011.
- A one day workshop on “Preparation for Competitive Examination – GPSC and UPSC” was organized on March 01, 2011.
- Saurashtra University Competitive Examination Awareness Test (SUCEAT) was organized on September 13, 2010. Two hundred twelve students took the test of which five received merit certificate for securing 50% and above.
- CCDC facilitated the online application for the post of Talati Mantri following an advertisement Gujarat Panchayat Seva Pasandagi Board. A seminar to guide the students for the examination was arranged on March 28, 2011.
- A workshop on fashion designing was organized by General Home Science for students of final year from 25 – 27 August 2010. NIFD faculty Riddhi Kagasiya conducted the workshop.

### **37. Placement services provided to students:**

Twelve students appeared at the campus interview organized by Infosys for the job of BPO at Christ College on March 2, 2010.

### **38. Development programmes for non-teaching staff:**

The head clerk of the college, Mr. H.V.Parmar was sent in a three day workshop for training of AAA (Academic and administrative audit) at AMA, Ahmedabad.

### **39. Best practices of the institution:**

Empowerment of women has been the main goal of the institution from its inception. The programmes and activities are generally in conformity with the mission, goals and objectives of the institution.

- The college has established an Internal Quality Assurance Cell after its accreditation in 2007.
- A broad plan of activities and events of the college is given through academic calendar.
- The college is represented at the Board of the studies of the University by the heads or senior members of the departments. One member of teaching staff is holding the position of Other than the Dean in Science faculty. They all play a vital role in designing and revising syllabi.
- The college conducts national, state and local level seminars, workshops, conference bringing in academic peers to share their expertise and inspire students.
- The college has linkages with other colleges and Red Cross useful for teacher exchange and field trips and demonstrations.
- Admissions to the various courses of study in the college are in accordance with the policy of the university.
- Lecture method is generally used for teaching and it is supplemented by classroom seminars, discussion quizzes and online study material. PowerPoint presentation is made available with the acquisition of multimedia projector.
- Weak students are identified and necessary coaching is provided in subjects like English, General home Science, Food and Nutrition etc.
- A broad teaching plan is provided by the teacher at the beginning of the semester and its implementation is monitored by the head of the department. Teaching and activity plans are prepared at the end of the year for the following year.
- Evaluation is done as per norms and guidelines of the university laying stress on continuous internal assessment. Orientation given to the students at the beginning of the semester to give them the idea on the pattern of evaluation followed in the college.
- The college has been consistently maintaining high success rate, having a few university ranks to its credit.
- The college appoints teachers on clock hour basis where ever workload is heavy and as and when there are inadequate numbers of teachers in any department.
- Teachers are given opportunities to attend and present papers in seminars, conferences and workshops within and outside the state.

- Clubs such as Nature Club and study circles help interested students to involve themselves in related activities. Cultural programmes and various competitions are organized to bring out latent talents of students.
- The college encourages teachers to avail FIP of the UGC for Minor Research Programme.
- The library has around 4800 books and 22 magazines. The library has linkages with the library in a sister concern, Christ college and N-list.
- The college has a UGC Network Resource Center which is kept open for seven hours a day.
- There is a canteen facility.
- There is a suggestion box wherein students can drop their suggestions/complaints and these suggestions/ complaints are taken into consideration and solved by the college.
- The fresher are provided with updated prospectus and are given orientation to familiarize themselves with the institution and its programmes and activities.
- The college has been collecting feed back from the final year students and a feedback mechanism is developed and strengthened.
- The college has a formal Career Counseling and Development Cell that holds interactive career counseling through workshops, seminars and coaching.
- The college avails help from the former students under the Alumnae Association for programmes or course related activities as and when needed.
- The college has NCC platoons having 101 cadets and an NSS unit No.2 having 107 volunteers, very active in community oriented extension activities.
- Financial aid in the form of scholarship is made available to ST, SC and OBC students from Gujarat State Government.
- College has completed one year of its magazine “Spectrum” – a quarterly magazine for in-house circulation.
- The institution has a wall paper also. The name of the wall paper is also “Spectrum” which carries the pictures, poetry and thoughts of the students.
- Development of soft skills among students is a continuous feature. This year the focus was on the following:
  - A lecture was organized on “Orientation towards soft skills” under SCOPE centre of the college.

- A training workshop was organized for English in which Minu Jasadanwala, a SCOPE trainer, imparted training.
- More than 300 students appeared in SCOPE assessment examination and got ESOL certification.
- The college imparts value based education to students by celebrating culture based festivals and arranging lectures by eminent personalities and leaders of education, religion, social service etc.
- The periodic meetings of the management of the college with the principal help in working and taking steps for further progress.
- Internal coordination and monitoring of performance are carried out through regular meetings of the principal with the Heads of the Department and meetings of IQAC. Students, too, facilitate the monitoring process as class representatives. Formation of various committees carries out varied responsibilities activities regarding performance.
- The work efficiency of non teaching staff is checked through frequent meetings with the principal.
- College reimburses the various fees and registrations charges for students who participate in various seminars and conferences.
- The institution felicitates the best teachers and administrative staff including peons with a medal and a memento.
- The institution extends a farewell to retiring staff giving them a memento.
- Students are given medals and mementos in a prize distribution ceremony for excellence in curricular activity.
- The institution organizes various programmes for the community which enable the weaker sections of the society, especially women, in generating income. Other programmes include health and environment awareness camps. This year the institution organized a lecture on “*Prevention and Treatment of Kidney Diseases*” by a noted Nephrologists Dr. Sanjay Pandya on 22<sup>nd</sup> February, 2011.
- Students are oriented to various professions and career avenues in the beginning of the academic year by the renowned institutions and organizations of the city. These include computer and related professions, teacher education, language training, etc.
- Students are given subsidized subscription to Indian Express in collaboration with Indian Express.

- Organization of book fair for the students.

We are a girls' college and we go extra mile to put emphasis on paying back to society. We organize special programmes throughout the year to make our students aware about their social responsibilities. We arrange visits to old age homes, institutes for mentally challenged children, orphanages, educationally backward areas and villages so that our students realize the value of the opportunity they have in terms of higher education. We try to make them realize that they do not exist in isolation and that they are a part of the society and environment. It is important for the students to realize that the society invests its resources in their education and it is their duty to pay the society back.

**Nature Club Activities:**

No.	Event	Date	Remarks
1.	College Campus Clearing – Shramyajna”	04/07/10	Students were made aware about cleanliness of Surroundings. They also prepared the soil for plantation. Identification of various plants and trees and their importance and utility value.
2.	Tree Plantation	06/07/10	Special drive as Rajkot city celebrated its 400 years foundation day.
3.	Collection of dry leaves and Compost Making	07/08/10	Students were made aware about compost and green farming
5.	Visit to National Park at Hingolgarh	18/02/11	Students observed various plants, birds and insects

**40. Linkages developed with National / International, academic / Research bodies**

- The institution has an MoU with Christ College, Rajkot for library services.
- Our general home Science Department is linked with Red Cross for its curricular activities.
- **41. Any other relevant information the institution wishes to add:**

M.V.M. Science and Home Science College in the year 2009-10 maintained rich tradition of blending various cultural activities along with academic schedule.

Following events were carried out during the year:

- The academic year began with a function to welcome new entrants of the college - first year students on 15.6.09 in college auditorium. The faculty members welcomed the students and oriented them about the vision and mission of the college.
- Year 2011 was declared as year of chemistry. To celebrate this, an elocution competition was arranged on March 03, 2011. The topic of the competition was Chemistry for common man. Two students were selected from the contestants and sent to university level competition.
- Chemistry department achieved 100% result in Final B. Sc. with 42 students securing first class.
- January 25, 2011 was celebrated as Voters' Day. Students were made aware about the duties and responsibilities of a good voter.
- Talent Show / Annual Function: In order to give stage to the budding talents of our college, annual cultural function was organized in collaboration with M. V. M. Arts College, M. V. M. Computer and Commerce College on a grand scale on 4<sup>th</sup> and 5<sup>th</sup> February 2011. President, secretary and other members of Shri Jalaram Uccha Kelavani Mandal Trust were present to grace the occasion.
- 14 students participated in a seminar on "Water Contamination (Pollution) and Water Microbiology organized by M. N. Virani Science College, Rajkot on 24<sup>th</sup> January 2011.
- Six students attended a workshop on "Labeling and Product" organized by District Consumer Protection Association, Rajkot on 29<sup>th</sup> January 2011.
- The college celebrated "National Flag Day" in september and raised fund and sent it to the Government.
- UGC Minor Research Project Proposals by Dr.V.S.Samani on *A Study of Health and Nutritious Status of Children going to Anganwadi-ICDS (Integrated Child Development Scheme)* and Dr. V. V.Umaraniya on *Screening and Development of Potent Strains for Persistent Organic Pollutant Degradation from Native Contaminated Soil* have been forwarded to UGC by the institution.

M. V. M. Science and Home Science College, Rajkot

Internal Quality Assurance Cell

# Annual Quality Assurance Report 2010-11

## Part C

### **Detail the plans of the institution for the next year.**

IQAC has chalked out a plan of action for the institution for the academic year 2010-11. The details are as follows:

#### **❖ Plan for infrastructure development:**

The institution has the following plan for infrastructure development for the next year. However, some of these may carry over for a couple of years as they are slightly long term programmes. The institution wishes to start the procedure for the following infrastructure developments.

- Library building: The institution needs a separate library building. At present the college library is housed in a large room in the college building itself. The present arrangement is not sufficient in view of the growing needs of the institution. The library needs more space for stacks and more arrangement for reading room. The college plans to build a new library building.
- Teaching of English has become very important with both the university and the state government giving special emphasis to English language teaching. The latest syllabi of English for all the under graduate classes in science faculty has a portion for spoken English necessitating the use of language laboratory for the effective transaction of syllabi. The present Network Resource Center is still in the process of up gradation and will be used as language laboratory.
- The institution wants to build a well furnished and well equipped seminar hall.
- Two class room will be equipped with multimedia projectors.
- The institution wishes to update its sports infrastructure. We wish to update and increase our infrastructure facilities.

#### **❖ Academic Plans:**

The institution has the following plan for academic development during the next academic year:

- Home Management department wishes to arrange “Kanuni Shibir”
- Microbiology department plans to carry out student Anemia Report to create awareness among students regarding hemoglobin percentage.
- Next year, we intend to start bridge courses/workshops on various professional skills such as Food Preservation, Canning & Bottling etc.



- We understand the importance of value education. We shall organize various activities and lectures in collaboration with various NGOs and individuals.
- Various departments of the college will organize lectures, demonstrations, fieldwork tours, camps such as bone density check-up camp, check-up camps for women health, exhibition-cum-sale, income generating programmes, creativity workshop, art workshop, various competitions, as part of extension and curricular activities. All the activities according to Saurashtra University Educational & Sports calendar and given by the Gujarat Government under Swarnim Gujarat will be organized.
- CCDC of the college shall organize a workshop/seminars for skill development and orientation for various careers. These would includes events such as –  
 Computer training through CCC (Course in Computer Concepts)  
 Communicative English  
 Preparation for competitive Examinations  
 Orientation and training for printing Technology  
 Public Speaking  
 Animation
- SCOPE of the college shall impart training in English for ESOL (Cambridge University) Certification.

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