

BY SPEED POST

To,
The Director
National Assessment and Accreditation Council
P.O.Box No. 1075,
Nagarbhavi,
BENGALURU - 560 072.

Sub : Submission Report.

Dear Sir,

The Annual Quality assurance Report for the year 2008 - 09 of Gujarat University, Ahmedabad is hereby submitted required after accreditation of the University by NAAC.

Kindly acknowledge receipt.

Thanking you.

Yours faithfully,

M. S. Shah
I/c Registrar

V. Chari
Co-Ordinator IQAC

Encl. : Report for 2009 - 10.

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GUJARAT UNIVERSITY

**GUJARAT
UNIVERSITY
AHMEDABAD**

**ANNUAL
QUALITY
ASSURANCE
REPORT
2009-10**





ANNUAL

QUALITY ASSURANCE

REPORT

GUJARAT UNIVERSITY
AHMEDABAD - 380 009

FOR THE YEAR 2009 – 10

SUBMITTED TO

THE NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL, BENGALURU

PREFACE

The year 2009 - 2010 was a landmark year in the History of the University. The University entered into its Diamond Jubilee year. In order to ensure that this year marked the beginning of a new era in the life of the University many new initiatives were taken. The first and foremost was the celebration of the Diamond jubilee. This was done through organization of all sorts of events like Udaan - the cultural festival, Run for environment, many academic seminars and conferences. These events not only left an indelible memory of the august occasion in the minds of the students, staff and faculty but it also became a celebration for the whole city of Ahmedabad as almost every citizen appreciated the efforts being made by the university.

The emphasis laid on cultural activities was equally given to all other areas of the university activities. To begin with the university took the bold decision to shift over to the semester system as the UGC guidelines for CBCS. Immense efforts had to be put in to do it, but the will power of the faculty and staff over came all the obstacles. The academic development was not only limited this massive exercise but also focused on introduction of new courses in interdisciplinary areas with potential for creating better job prospects for the students 13 new courses were introduced in this year.

The quality enhancement endeavors went beyond the academic aspects to focus on library, infrastructure, examination reforms and improvement in facilities for students.

This report does provide the factual details of the quality enhancement work done in the university during this period but there are many outcomes which are felt only in the day to day life of the institution and go beyond words. So some photographs are added to this report.

In the next year, which will be the penultimate year before the university becomes due for re - accreditation, the efforts made so far would be strengthened.

DR.PARIMAL H. TRIVEDI

VICE - CHANCELLOR

STATISTICAL ABSTRACT OF UNIVERSITY ACHIEVEMENTS

Sr. No.		2005 - 06	2006 - 07	2007 - 08	2008 - 09	2009 - 10
1	New Course Introduced Including S A P	12	21	05	00	13
2	New Buildings	02	05	06	04	00
3	New Books	624	568	2582	1764	2552
4	New Journals	218	208	220	164	363
5	Awards	03	01	09	09	11
6	Ph. D. Awarded	69	62	21	88	54
7	No. of Students	221353	227091	261849	279764	263622
8	MoUs	09	00	02	00	11
9	Refreshers	09	10	12	12	11
10	Orientation	03	04	04	03	04
11	Other Workshops (ASC)	03	00	02	02	07
12	Refreshers Participation	17	00	06	00	371
13	Orientation Participation	01	00	05	00	100
14	Publication / Papers	66	37	179	149	204
15	Publications / Books	11	04	00	23	22
16	Conference Organized	00	00	01	03	01
17	Seminar Organized	06	06	09	12	12
18	Workshops / Symposium Organized	01	02	01	04	20



**SHRI KAPIL SIBAL, HON'BLE MINISTER MHRD, GOVERNMENT OF INDIA
ON A VISIT TO GUJARAT UNIVERSITY**



**HER EXCELLENCY, DR. KAMLA, GOVERNOR, GUJARAT STATE AND CHANCELLOR,
GUJARAT UNIVERSITY INAUGURATION MOBILE DIRECTORY OF GUJARAT UNIVERSITY**



SHRI KAPIL SIBAL, HON'BLE MINISTER, MHRD, GOVERNMENT OF INDIA ADDRESSING FACULTY AND STAFF MEMBERS AT GUJARAT UNIVERSITY



SHREE ASIT VORA OF AHMEDABAD MUNICIPAL CORPORATION WITH
DR. PARIMAL H. TRIVEDI VICE-CHANCELLOR AT THE DIAMOND JUBILEE RUN FOR ENVIRONMENT



**MEETING ON CBCS OF DR. PARIMAL H. TRIVEDI VICE - CHANCELLOR, GUJARAT UNIVERSITY WITH
MS.JAYANTI RAVI, COMMISSIONER, HIGHER EDUCATION GUJARAT STATE AND
DR.A.K.SINGH, DIRECTOR, KNOWLEDGE CONSORTIUM OF GUJARAT**



**SHRI KHANDWALA DG POLICE GUJARAT WITH DR.PARIMAL H. TRIVEDI
VICE-CHANCELLOR, GUJARAT UNIVERSITY AT BLOOD DONATION CAMP
DURING DIAMOND JUBILEE CELEBRATIONS**



**DR. S.K.THORAT, CHAIRMAN U.G.C. IN MEETING WITH DR.PARIMAL H. TRIVEDI,
VICE-CHANCELLOR ON VISIT TO AHMEDABAD**



**VICE-CHANCELLORS OF VARIOUS UNIVERSITIES OF GUJARAT DURING THE MEETING OF JOINT BOARD OF VICE-
CHANCELLORS HOSTED BY DR.PARIMAL H. TRIVEDI AT GUJARAT UNIVERSITY**



**DR.PARIMAL H. TRIVEDI, VICE-CHANCELLOR IN A MEETING WITH DELEGATION FROM
OTEMON GAKUIN UNIVERSITY, JAPAN**



INAUGURATION OF GUJARAT SCIENCE CONGRESS



INAUGURATION OF MULTI MEDIA CLASS ROOM AT B.K.SCHOOL OF MANAGEMENT



UDAAN - THE CULTURAL FESTIVAL OF GUJARAT UNIVERSITY



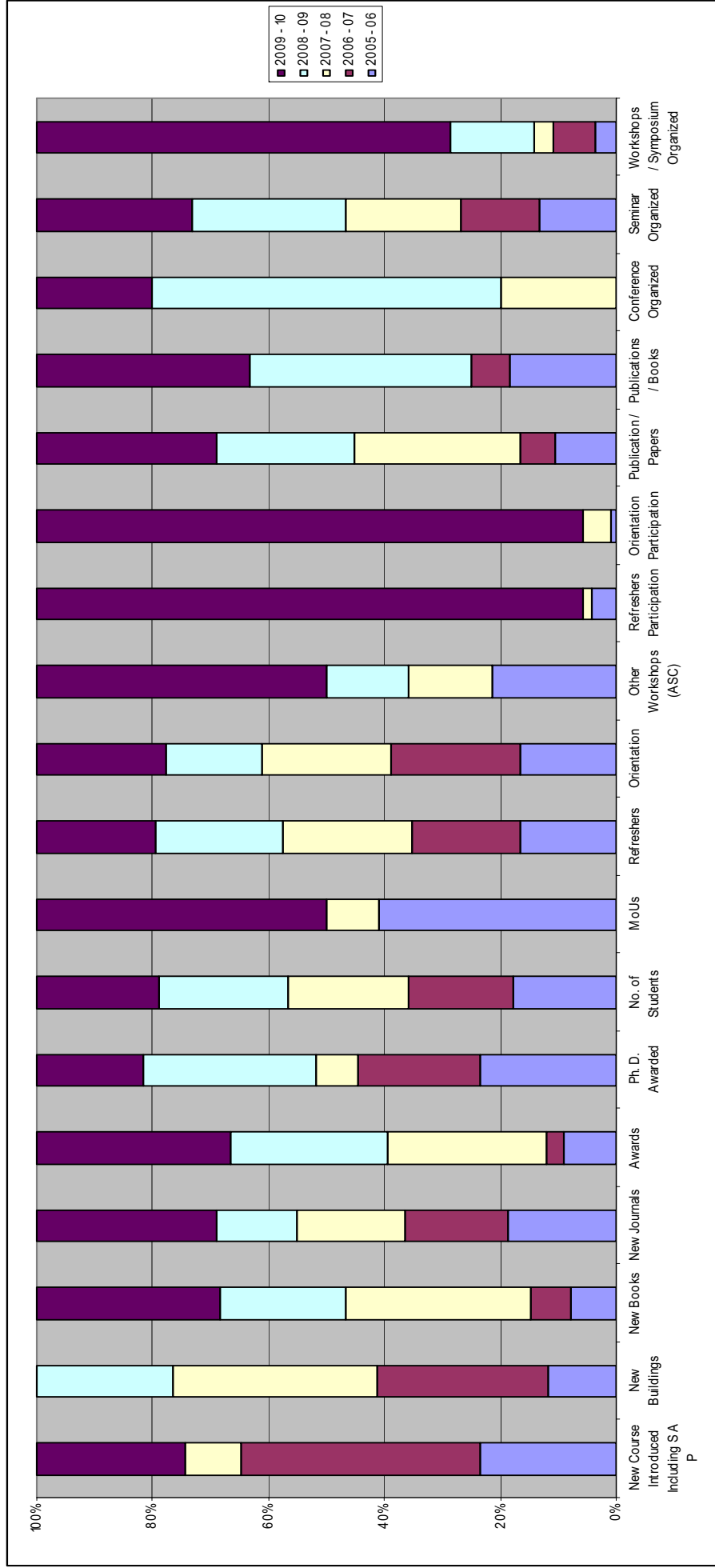
DR. PARIMAL H. TRIVEDI INAUGURATING THE STAFF SPORTS AND RECREATION CLUB OF GUJARAT UNIVERSITY



**DR. PARIMAL H. TRIVEDI, VICE-CHANCELLOR INAUGURATING THE CRICKET TOURNAMENT OF
STAFF SPORTS AND RECREATION CLUB**

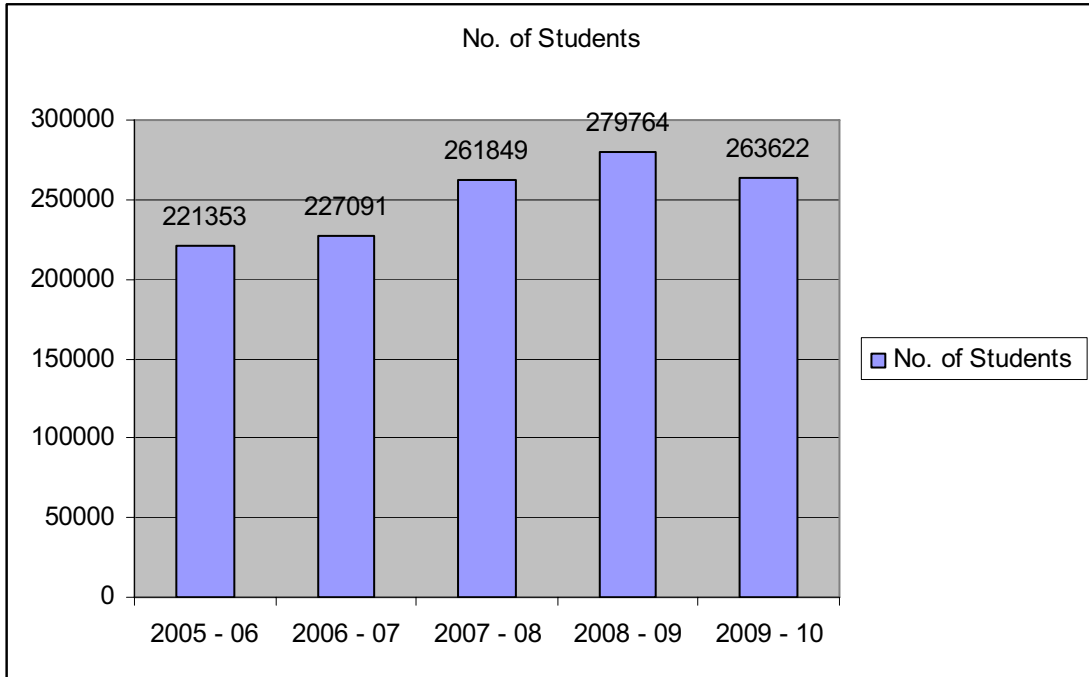
GRAPH - I

GRAPHICAL PRESENTATION OF UNIVERSITY ACHIEVEMENTS DURING 2005 - 2010



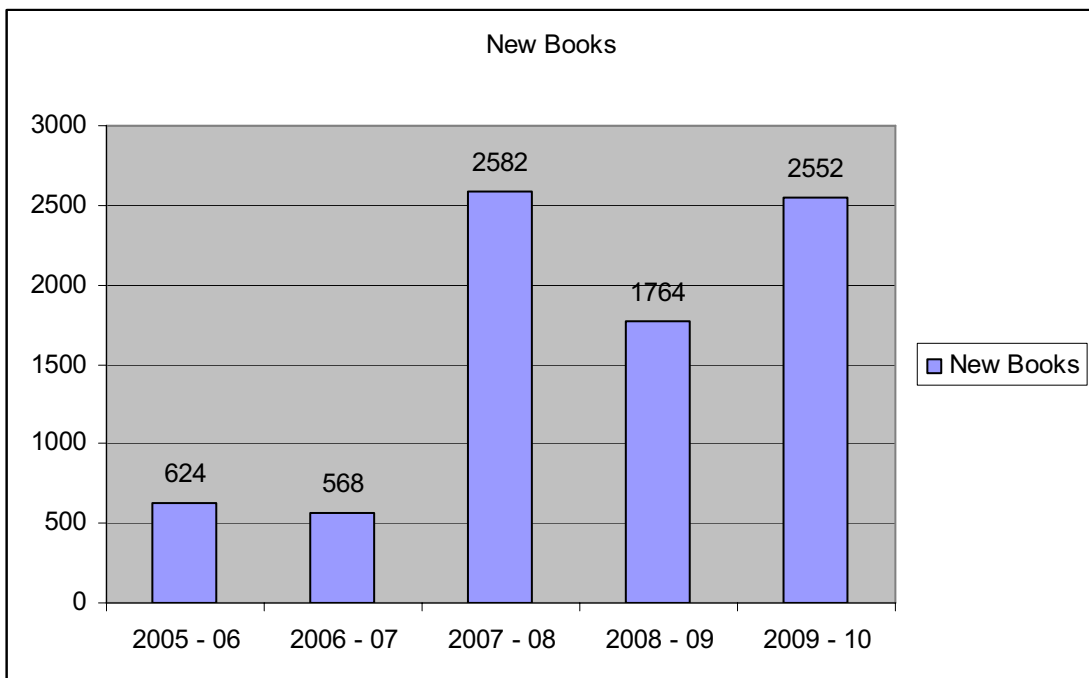
8/GRAPH - II

PROGRESS OF STUDENTS ENROLLMENT

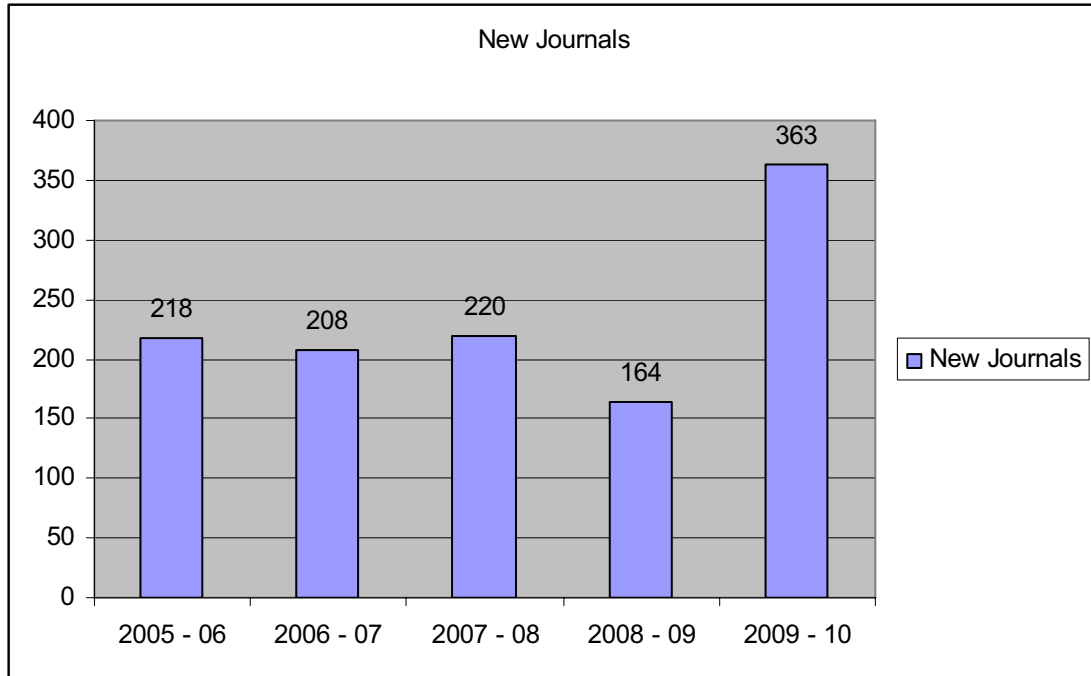


GRAPH - III

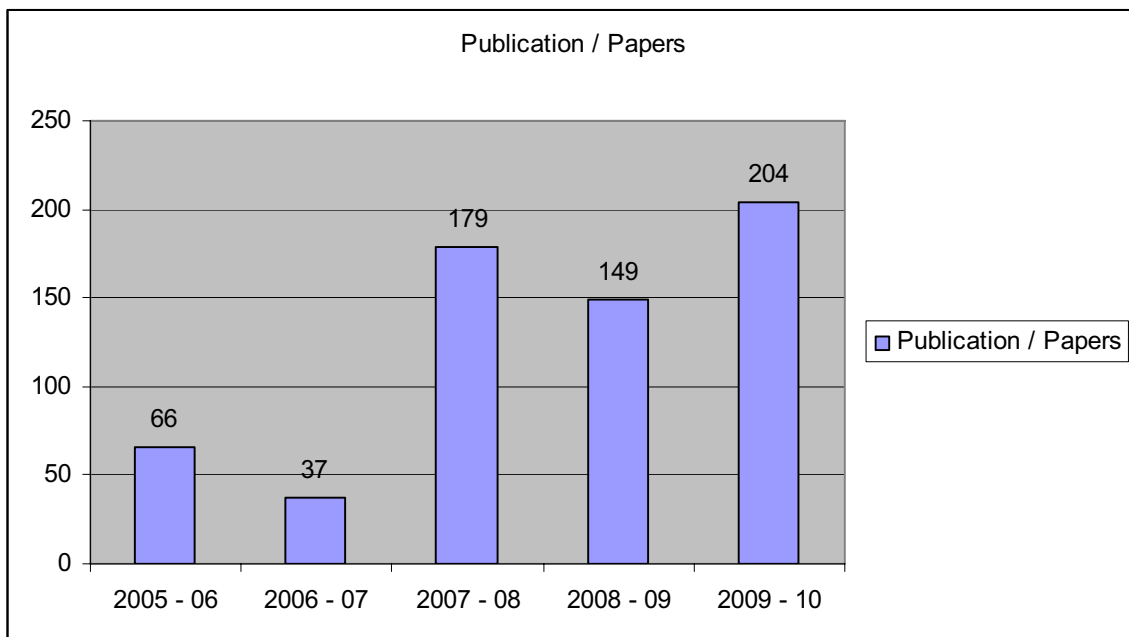
NEW BOOKS PURCHASED



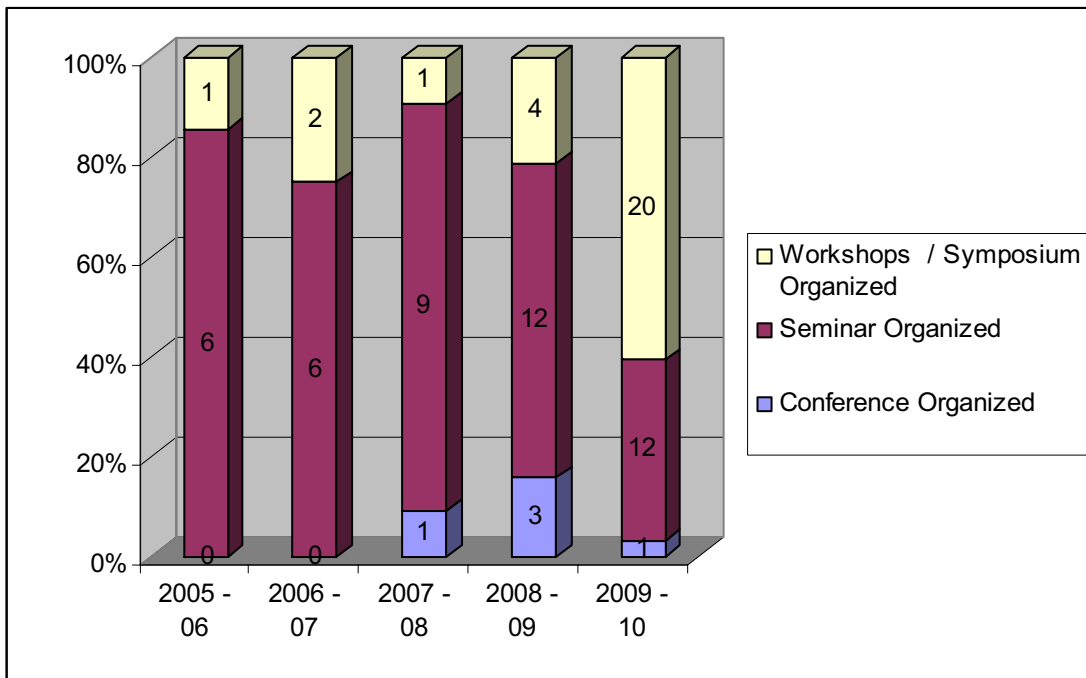
GRAPH - IV
NEW JOURNALS SUBSCRIBED



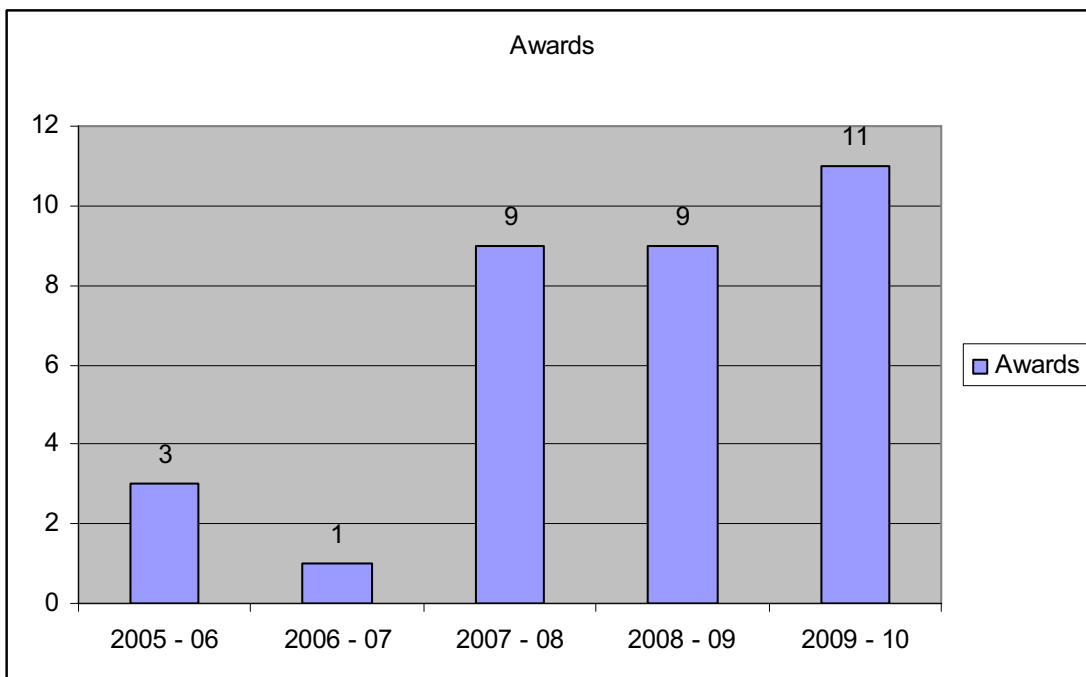
GRAPH - V
PUBLICATIONS BY FACULTY MEMBERS



GRAPH - VI
ORGANIZATION OF ACADEMIC EVENTS

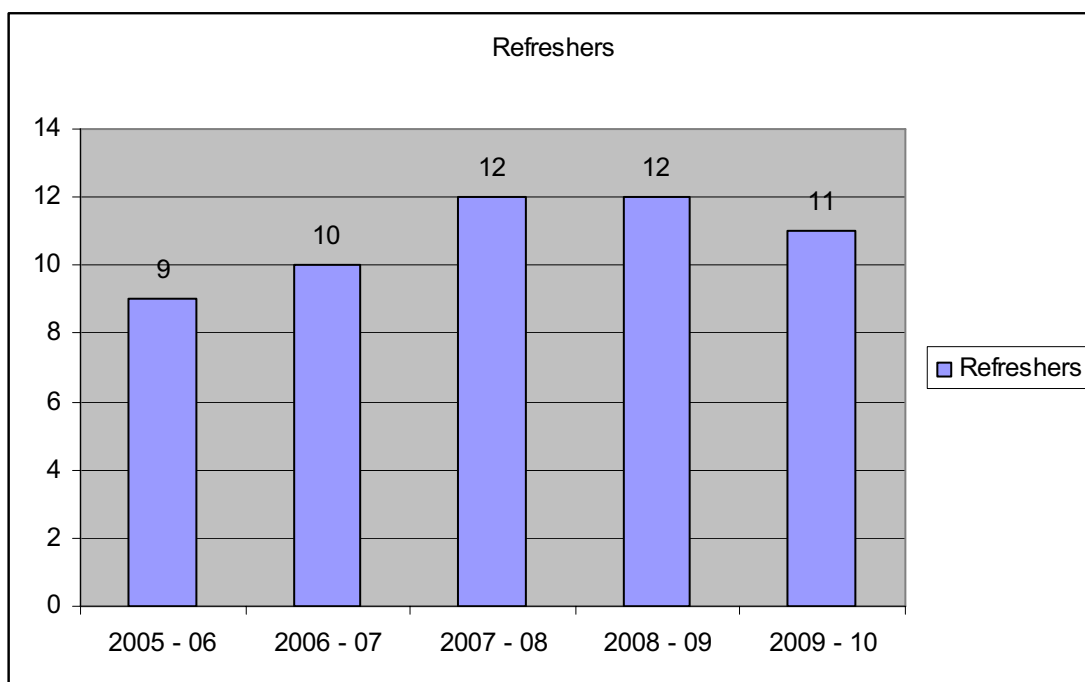


GRAPH - VII
AWARDS RECEIVED BY FACULTY MEMBERS



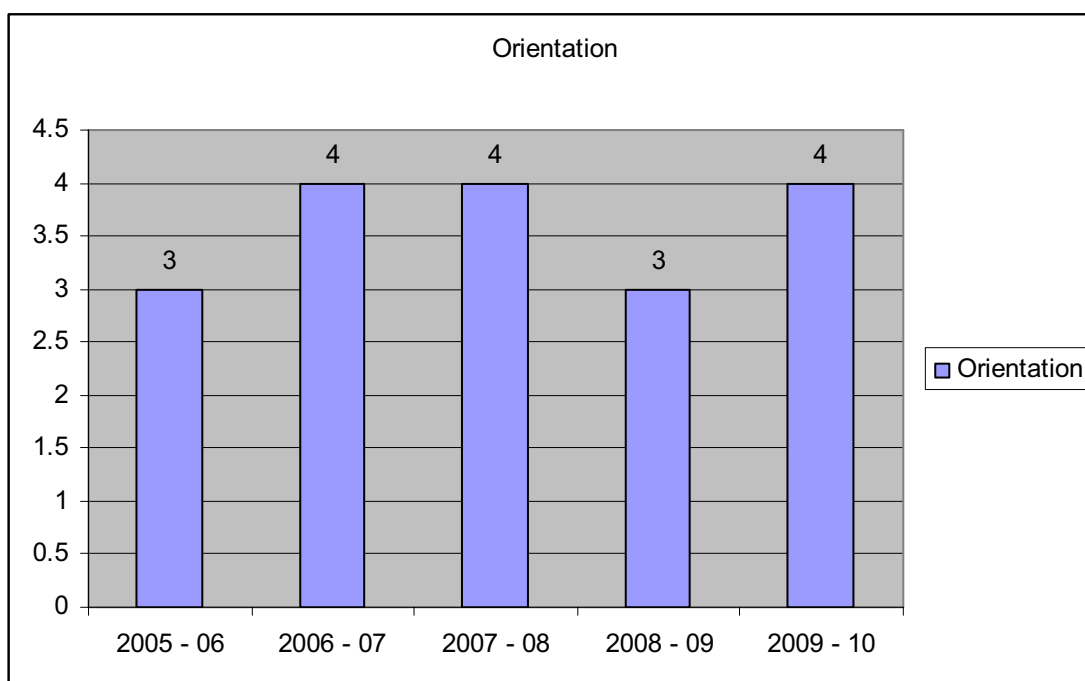
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SECTION I PLANS FOR THE YEAR 2009 - 10

The quality enhancement plans for the year included the following activities :

- **ACADEMIC ACTIVITIES**

The focus of the academic activities during the year was to plan for the implementation of the semester system. Further action was also taken on introduction of the new courses for which background work was done last year.

- **SYSTEMIC DEVELOPMENT**

The introduction of the semester system requires both academic and administrative changes. During the year it was planned to develop and change both these systems in coordination. Progress of Computerization of administrative activities was also to be undertaken.

- **INFRASTRUCTURE DEVELOPMENT**

The following infrastructural work was planned :

- (A) Maintenance of existing buildings
- (B) Landscaping of the university estate
- (C) Initiation of work related to new construction
- (D) Improvement of facilities within the existing buildings.

- **PLAN ACTIVITIES**

Intensive concentration was given to the finalization of the eleventh plan proposal for submission to UGC.

- **SUPPORT TO AFFILIATED COLLEGES**

Most of the colleges eligible for accreditation had undergone the process. This year support was provided to the colleges to introduce new programs.

SECTION II ACTIVITIES DURING THE YEAR 2009 - 10

This year a good impetus was given to the quality improvement activities of the university. Foremost amongst them was the celebration of the Diamond Jubilee of the university. Several other important events took place in the university which are described as “Notable Events” below. The item wise description of the other activities is given thereafter.

NOTABLE EVENTS

1. CELEBRATION OF DIAMOND JUBILEE YEAR

The celebrations began on Nov 23, 2009 - the University Foundation Day - with the organization of a Run for Environment around the University campus. This was inaugurated by the Dr. Parimal H. Trivedi, Hon'ble Vice-chancellor, Gujarat University along with Shri Kanoji Thakore, the then Mayor of Ahmedabad and Shri Asitbhai Vora, Chairman, Standing Committee, Ahmedabad Municipal Corporation.

More than two thousand students, faculty members and staff members of the University took part in this run.

2. UDAAN - THE CULTURAL FESTIVAL OF UNIVERSITY.

Youth festival is regularly celebrated in the university but since it includes all the affiliated colleges, the university schools and departments remain on the periphery. Therefore, Udaan was instituted as the new cultural festival of the university campus. This five day festival included slogan writing, Sanskrit display, music and dance competition, and other such competitions. Colors were assigned to each day. Students from all university schools and departments participated in these events and competitions.

3. The university instituted special awards for teachers and students this year. **THE GURUKUL JYOTI** award was instituted for teachers based on the academic, research, curricular, co - curricular and extension activities of the teachers. This is a life-time award. **GOLDEN PEACOCK AND SILVER PEACOCK AWARDS** were

instituted for the best students studying in the university schools and departments. These awards were released by Shri Ramanlal Vora, Hon'ble Education Minister, Gujarat State.

4. Gujarat is well known for its **KITE FESTIVAL**. It is a community festival which celebrates the transition of the Sun. the flying is kites is associated with soaring prosperity. Considering the significance of this festival, Gujarat University organized a kite flying festival in January, 2010 for all its stake holders in the expansive sports ground which ensured that the birds were not injured from the kite strings.

5. One international conference was organized jointly by Chemistry, English and Life Science Departments.

6. 12 Seminars related to current problems and advances in various subjects were organized by six departments of the university.

7. In order to fulfill specific requirements of various faculties, 20 workshops and other academic events were organized by five departments of the University.

8. Four departments organized 8 Guest Lectures during the year. Two eminent lectures organized by the University.

9. **SHRI KAPIL SIBAL, HON'BLE MINISTER, HUMAN RESOURCE DEVELOPMENT**, paid a special visit to the University and addressed the faculty and staff of the university on Higher Education in India.

10. The University launched a **MOBILE DIRECTORY** in partnership with Smile of India for easy accessibility for university related information on mobile phones and through text messages. This was launched by **HER EXCELLENCY DR.KAMALAJI GOVERNOR GUJARAT STATE**.

11. The women's Development Cell has been very active in taking up issues related to the welfare of women employees of the university and affiliated colleges. It organized a seminar on **"Women's Development in the 21st Century"** on Jan 30, 2010 in which several eminent speakers gave addresses to a wide range of women related subjects such as health, entrepreneurship, legal rights etc.

12. The University established a well equipped **Information Center**. This became a single window outlet for all student related information. It also acts as a center for undertaking registration work of external students.

13. The University joined hands with the State Government in propagating learning through encouragement to reading habits by adopting the **"Vanche Gujarat"** movement. In this context each department and school of the university organized communal reading sessions and circulated books for general reading.

14. A delegation from the **Otemon Gakuin University of Japan** consisting of Prof. Norifumi Takao, Vice-President, Education, Prof. Takahiro Fukushima, Director Center for International Studies, and Mr. Hiroshi Kita, Manager visited the University on Nov 1, 2009 to discuss the forty year long MoU between the two universities for student exchange program. Dr. Parimal H. Trivedi, Vice-Chancellor insisted on expanding the ties in the meeting.

15. A seminar on **"Indian Foreign Policy and South Asian Security"** was organized by Gujarat University in collaboration with Gujarat National Law University and M.S. University, Vadodra on **December 9, 2009**. A special address by Shri Sudhir Devara, a career diplomat of the Indian Foreign Service was made on Indian Foreign Policy during this seminar.

16. In September 2009 an eminent lecture was delivered at the University by **Dr. Sayed Hasnain, Vice - Chancellor, Hyderabad University and Scientific Advisor to the Prime Minister.**

17. Prof. Nigel J. Mason, O.B.E. of the Open University, U.K. had a invaluable reservoir of old volume of Scientific journal and books. He considered Gujarat University to be the best repository for them and therefore donated them to the university. These books were shipped to India free of cost. The University established the **Jane-Nigel Knowledge Resource Center** to house this collection. This center was inaugurated by Prof. Nigel Mason himself on Mar 7, 2010.

18. A **World Language Laboratory** was set up in the Department of Study Abroad Program to teach foreign languages such as French, German, Spanish, Chinese and Japanese.

THE POINT WISE DETAILS OF THE QUALITY ASSURANCE ACTIVITIES ARE GIVEN BELOW:

1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTIONS

The main goals and objectives of the University are as follows :

- a) Empowering students through modern syllabi
- b) Innovation in teaching
- c) Promotion of research, consultancy and extension for the benefit of the society
- d) Quality improvement to enhance global competitiveness

THESE GOALS WERE FULFILLED IN THE FOLLOWING MANNER :

(a) The University started the task of converting the annual system of all the programmes to the choice based semester system programme. After consulting both the faculty and the administrators, and studying the pattern of the programmes of various Universities within and outside the state which have already adopted the semester system, it was decided that initially the change would be implemented in all post graduate programmes in the coming year. Thereafter the new system would be extended to the undergraduate and research programmes. Special focus was given to the future job market, the existing capability based of the students and the University resources available for planning the systemic change. A decision was also taken to design all the new curriculum and syllabi with a fresh approach without attempting to fit in the "Old Syllabi" into the new format.

(b) A two pronged approach was used to bring about innovation in teaching. Firstly extra curricular and self learning components were made part of each new syllabus. Secondly considerable focus was given to developing IT Infrastructure and e - Resources for learning.

(c) All the teaching departments and faculty members were encouraged to undertake research - both applied and academic. The University research activities were also

extended to socially beneficial studies and programmes - specially through organizations such as Jan Sikshan Sanstha, NSS and Youth Welfare.

(d) The whole quality enhancement activities were geared towards planning for the new semester system which would incorporate the best features of all the prevailing systems with a smooth shift over.

2. NEW COURSES ADDED DURING THE YEAR

After considerable planning and review of the existing courses, a number of new courses were introduced in this year. Global Warming due to Climate Change is the greatest dangerous being faced by mankind. In order to prepare the future generation to prevent further deterioration of the Climate and to reverse the adverse climatic changes of the past afford full time Post Graduate programme in Climate Change was introduced this year. This programme has been opened to not only science graduate but also to arts graduate with Economic background. All these courses were introduced in the self-financed mode. A new PG Diploma Programme in Geoinformatics was also introduced. A new specialization area in Intellectual Property Rights was offered in the regular LLM programme. The details of these courses are given in a Table No.1.

TABLE - 1

NEW COURSES INTRODUCED DURING THE YEAR 2009 - 10

Sr. No.	Name of Dept.	Name of Course	Single / Multidisciplinary	Category (PG Degree, M.Phil, Diploma, Certificate)	Course Pattern (Annual / Semester / Trimester)	Batch Size	Reservation	Eligibility Criterion	Finance mode	Total course fee per student	No. of Papers	Project / Field Work	Employment area	MoU
1	Physics	Geoinformatics and Satellite Communications	Specialized	PG Diploma	2 Semester	15	As per University Rules	P.G. in Physics / Electronics or B.E. / B.Tech.	Self Finance	15,000 per Semester	10 Papers	Major Project Work	ISRO centers, Telecom Industry, State Govt. Remote Sensing Centers, Remote Sensing and GIS Industry, number of other R & D Centers	Informal collaboration with ISRO, PRL and Scanpoint in terms of academics only

2	Botany	Climate Change and Impacts Management	Multidisciplinary	PG	2 Years	20	03	Graduation in Science and Economics	Self Finance	20,000 per term (Regular) 30,000 per term (High) 1,000 Examination fees per Semester	3 / Course	Yes	Research and Teaching	Center for Environment Education, Ahmedabad.
3	Law	L.L.M.	Intellectual Property Rights & Environment	PG	2 Years	136	35	L.L.B.	Granted	As per University Norms	8			

3. INOVATION IN CURRICULUM DESIGN AND TRANSACTIONS

Teaching is always a creative exercise. New methods of teaching are continuously used in all the departments. Table No.2 below gives the details of the innovative methods used in teaching.

Table - 2

INNOVATION IN CURRICULUM DESIGN AND TRANSACTIONS DURING 2009 - 10

Sr. No.	Item	Regular Courses	Self - Financed
1	No. of papers revised	51	27
2	No. of papers deleted	2	Nil
3	No. of new topics introduced	50	Nil
4	LCD used (No. of Depts.)	12	3
5	Internet Used (No. of Depts.)	16	3
6	Edunet used (No. of Depts.)	7	2
7	Role Play (No. of Depts.)	5	Nil
8	Presentation (No. of Depts.)	15	1
9	Debate (No. of Depts.)	11	1
10	Assignment (No. of Depts.)	15	2
11	Group Discussion (No. of Depts.)	15	2
12	Industrial Visit (No. of Depts.)	8	3
13	Field Work (No. of Depts.)	11	2
14	On job Training (No. of Depts.)	3	2
15	Any other (Specify) (No. of Depts.) Education Tour Book Review Project	1 1 1	2
16	Lab. Supervision, Inter Active Class Room Laptop Class Seminar Workshop	1 1	

4. INTERDISCIPLINARY PROGRAMMES STARTED

A full time Post Graduate programme in a “Climate Change and Impacts Management” has been introduced as a purely interdisciplinary programme. Students of both Science and Arts Graduate Degree can join this programme. The syllabus of this programme has inputs from various disciplines like Environment Science, Life Sciences, Botany, Zoology, Chemistry and Management etc. Details of this programme are given in Table No.1 above.

5. EXAMINATION REFORMS IMPLEMENTED

Considerable Computerization has been done in the whole examination process beginning with the registration form to the declaration of the results. Till now this was limited to the major Under Graduate and Post Graduate level programmes. This year the system was extended to include other programmes like B. Ed. Many other changes were made which smoothed the examination process. They were:

- College wise seating arrangement for students of Ahmedabad and Gandhinagar was done which made it easier for the colleges and the students to ease the process of examination. While the colleges were able to adjust the seating arrangements in a better manner, the students found it much easier to travel to their own institution in the tension filled period of examination. Plus the familiar surroundings of their own college provided them with a lot of support.
- The Assessment of answer books of First year and Second year students of B.A / B.Com and B.Sc programs were delivered to the homes of the examining faculty. This enabled them to complete the assessment work in their own time but also helped in completing the assessment faster. Consequently, the results could be declared faster.
- Provision was made for filling the Convocation forms by the students for the March 2010 convocation. This saved the degree recipients a long trip to the University office often.

Table No.3 below gives details of the completion of the examinations and the dates of the declaration of results for major examinations. :

Table - 3
COMMENCEMENT DATE AND RESULT DECLARATION DATES

Sr. No.	Name of Examination n	Date of Examination	Declaration Date of Result	Duration in no of Days	Candidates Registered
ARTS FACULTY :					
1.	F. Y. B. A. (Reg.)	29.03.2010	04.06.2010	68	27207
2.	F. Y. B. A. (Ext.)	29.03.2010	04.06.2010	68	8295
3.	S. Y. B. A. (Reg.)	18.04.2010	07.06.2010	51	18340
4.	S. Y. B. A. (Ext.)	18.04.2010	07.06.2010	51	5708
5.	T. Y. B. A. (Reg.)	08.04.2010	07.06.2010	61	15766
6.	T. Y. B. A. (Ext.)	08.04.2010	07.06.2010	61	4239
7.	M. A. Part - I (Reg. & Ext.)	21.04.2010	20.07.2010	91	12950
8.	M. A. Part - II (Reg. & Ext.)	20.04.2010	17.07.2010	89	5913
9.	M. L. W.	08.04.2010	25.06.2010	79	36
10.	F. Y. Dip. In Linguistic	20.04.2010	03.07.2010	75	07
11.	S. Y. Dip. In Linguistic	20.04.2010	03.07.2010	75	05
12.	Master of Lib. Science	24.04.2010	25.06.2010	63	28
13.	Master of Journalism (MJS)	20.04.2010	24.06.2010	66	21
14.	M D C - I	20.04.2010	20.07.2010	92	21
15.	M D C - II	20.04.2010	20.07.2010	92	24
16.	B. C. J. P.	20.04.2010	20.07.2010	92	34
17.	M. P. E. Part - I & II	20.04.2010	15.06.2010	57	85
18.	B. P. Ed	20.04.2010	21.07.2010	93	68
19.	First Year Drama	20.04.2010	17.06.2010	59	02
20.	Second Year Drama	18.04.2010	17.06.2010	61	16
21.	Third Year Drama	18.04.2010	17.06.2010	61	08

SCIENCE FACULTY :					
22.	F. Y. B. Sc.	08.04.2010	29.05.2010	52	4637
23.	S. Y. B. Sc.	18.03.2010	29.05.2010	63	3858
24.	T. Y. B. Sc.	08.04.2010	03.06.2010	57	3322
25.	M. Sc. Part - I	03.05.2010	24.06.2010	52	1432
26.	M. Sc. Part - II	04.05.2010	21.05.2010	18	654
27.	F. Y. B. C. A.	29.03.2010	18.06.2010	82	2513
28.	S. Y. B. C. A.	18.03.2010	23.06.2010	98	2465
29.	T. Y. B. C. A.	08.04.2010	16.06.2010	70	1973
30.	F. Y. B. Sc. (Fire)	09.04.2010	17.06.2010	70	116
31.	S. Y. B. Sc. (Fire)	18.03.2010	17.06.2010	92	100
32.	T. Y. B. Sc. (Fire)	08.04.2010	17.06.2010	71	91
COMMERCE FACULTY :					
33.	F. Y. B. Com. (Regular)	29.03.2010	03.06.2010	67	34613
34.	F. Y. B. Com. (External)	29.03.2010	03.06.2010	67	1035
35.	S. Y. B. Com.	18.03.2010	07.06.2010	82	22736
36.	T. Y. B. Com.	08.04.2010	14.06.2010	68	19740
37.	M. Com Part - I (Reg. / Ext.)	20.04.2010	23.06.2010	65	10783
38.	M. Com Part - II (Reg. / Ext.)	21.04.2010	23.06.2010	64	4228
39.	F. Y. B. B. A.	18.03.2010	15.06.2010	90	1741
40.	S. Y. B. B. A.	08.04.2010	15.06.2010	69	1805
41.	T. Y. B. B. A.	29.03.2010	15.06.2010	79	1520
EDUCATION FACULTY :					
42.	B. Ed.	08.04.2010	04.06.2010	58	6537
43.	M. Ed.	08.04.2010	15.06.2010	69	355
LAW FACULTY :					
44.	First L.L.B.	29.03.2010	12.05.2010	45	2196
45.	Second L.L.B.	29.03.2010	12.05.2010	45	1870
46.	Third L.L.B.	29.03.2010	29.05.2010	62	1474
47.	D. L. P.	21.04.2010	15.06.2010	56	128
48.	D. T. P.	22.04.2010	15.06.2010	55	266
49.	L.L.M. Part - I & II (New)	21.04.2010	20.07.2010	91	759

MEDICAL FACULTY :					
50.	First M. B. B. S.	01.07.2010	09.09.2010	71	35
51.	Second M. B. B. S.	01.07.2010	04.09.2010	66	393
52.	Third M. B. B. S. - I	01.07.2010	30.08.2010	61	599
53.	Third M. B. B. S. - II	01.07.2010	30.08.2010	61	584
54.	M. Sc. (Nursing) - I	01.04.2010	24.12.2010	268	30
55.	M. Sc. (Nursing) - II	01.04.2010	24.12.2010	268	11
56.	M. S. (April - 2010)	01.04.2010	02.11.2010	216	115
57.	M. D. (April - 2010)	01.04.2010	02.11.2010	216	169
58.	Dip. P. G. Medical	01.04.2010	02.11.2010	216	81
59.	M. Ch. (January - 2010)	01.07.2010	02.11.2010	191	05
60.	First Physiotherapy	16.07.2010	08.10.2010	85	162
61.	Second Physiotherapy	16.07.2010	08.10.2010	85	75
62.	Third Physiotherapy	16.07.2010	08.10.2010	85	102
63.	Final B. Physiotherapy	16.07.2010	08.10.2010	85	47
64.	D. M.	01.07.2010	02.11.2010	191	
PHARMACY FACULTY :					
65.	First B. Pharm	17.05.2010	21.07.2010	65	26
66.	Second B. Pharm	17.05.2010	23.08.2010	98	69
67.	Third B. Pharm	17.04.2010	23.06.2010	68	1370
68.	Fourth B. Pharm	01.04.2010	28.05.2010	58	1068
69.	Dip. Pharmacy Part - I	01.05.2010	20.07.2010	81	34
70.	Dip. Pharmacy Part - II	17.04.2010	20.07.2010	95	76
71.	M. Pharm	23.07.2010	29.10.2010	96	
DENTAL FACULTY :					
72.	First B. D. S.	16.07.2010	04.10.2010	81	98
73.	Second B. D. S.	16.07.2010	08.10.2010	85	149
74.	Third B. D. S.	16.07.2010	04.10.2010	81	109
75.	Final B. D. S.	01.07.2010	20.09.2010	82	212

6. DETAILS OF STUDENTS CLEARING PUBLIC EXAM

Generally the student write the public exams in the last year of the programmes or after exiting the programme. There fore information about clearance of public examinations is often not communicated by the students. Special efforts have been made to follow up with the students on this issue. The details of student clearing public examinations during the year are given in Table No.4.

Table - 4

DETAILS OF STUDENTS CLEARING PUBLIC EXAMINATIONS

Sr. No.	Name of Examination	No. of Students
1	IAS and other allied services	04
2	GPSC and other allied state services	22
3	CAT	Nil
4	GATE	02
5	NET / GSLET	18
6	TOFEL / IELTS	05
7	Others	Nil
	Total	53

7. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMMES

Encouragement to faculty is provided for participation in academic, extra curricular and research activities the proof of this encouragement is available in the form of participation by faculty members in various events. Table No's 5, 6, 7 below provide the details of participation by faculty members in workshops, conferences and seminars. Faculty members have also been encouraged to enhance there knowledge by participation in orientation and refresher courses. Various departments are also involved in organizing subject related refresher courses under the aegis of the academic staff college of the University. Details of faculty participation in orientation and refresher courses are given in Table No.8, while Table No. 9 provides information about the refresher courses organized by various departments during the year.

Table - 5

DETAILS OF WORKSHOPS PARTICIPATION BY FACULTY DURING 2009 - 10

Sr. No.	Name of Faculty	Department / School	Dates	Programme / Institution	Level (International / National / State)
1.	Smt. Geeta Gadhavi	Library & Information Science	12 nd Aug, 2009	Ranganathan Multi Faceted personality in the field of LIS	Local
2.	Smt. Geeta Gadhavi	Library & Information Science	25 th Nov, 2009	One day user awareness programme : UGC - infonet Digital Library Consortia	Local
3.	Smt. Geeta Gadhavi	Library & Information Science	11 - 13 March, 2010	Three days UGC Sponsored National Workshop on Digital Content Management	National
4.	Mr. Harish M. Desai	Physical Education	20 th Dec, 2009	Introduction of Semester System Gujarat University	Local
5.	Dr. Kartik M. Bhatt	Economics	20 Dec, 2009	IQAC, Gujarat University, Ahmedabad	Local
6.	V. A. Modi	B. K. School of Business Management	18 Jan, to 01 Feb, 2010	Technology Education and Research Integrated Institutions (TERII), Kurukshetra	National

7.	V. A. Modi	B. K. School of Business Management	9th March, 2009	First Responder training programme	Local
8.	V. A. Modi	B. K. School of Business Management	25th Nov, 2009	One day Awareness programme on access to E-Journals, INFLIBNET	Local
9.	Vilas Kulkarni	B. K. School of Business Management	2009 - 10 (Full Year)	Remedial Programme	Local
10.	Vilas Kulkarni	B. K. School of Business Management	16 th Feb, 2010	Management Development Programme	Local
11.	Vilas Kulkarni	B. K. School of Business Management	14 th March, 2009	Recession and the role of HRM	State
12.	Vilas Kulkarni	B. K. School of Business Management	7 th Oct, 2009	Training Programme for ESIC Inspectors	Local
13.	Vilas Kulkarni	B. K. School of Business Management	Sep, 2009	Mock interview and Personality Development	Local

14.	Margie Parikh	B. K. School of Business Management	7 th Oct, 2009	Training Programme for ESIC Inspectors	In - Company
15.	Dr. Sarla Achuthan	B. K. School of Business Management		IIPC, Management Day	State
16.	Badshah Leena Jatin	Sociology	01 - 09 May, 2009	Individual freedom and justice, Gujarat Vidhyapith and Abhidrashti at Gujarat Vidhyapith	local
17.	Badshah Leena Jatin	Sociology	20 th Dec, 2009	Introduction of Semester System at IQAC, Gujarat University, Ahmedabad	Local
18.	Dr. Chandrika K. Raval	Sociology	10 th March, 2010	Motivational Training for Teaching Class	State
19.	Dr. Chandrika K. Raval	Sociology	26 - 27 Feb, 2010	Inclusive Growth and Development	National
20.	Dr. Chandrika K. Raval	Sociology	23 Sept, 2009	Contribution of Neera Desai in Women Studies and Inter University Quize	State
21.	Dr. R. B. Jotania	Physics Department	03 - 04 Feb, 2010	DAV College, Amritsar, Punjab, India	National
22.	Dr. Rajasi Clerk	Labour Welfare	26 - 27 Feb, 2010	Inclusive Growth and Development A Social Science Perspective	National

23.	Mrs. Alpa Mehta	Labour Welfare	26 - 27 Feb, 2010	Inclusive Growth and Development A Social Science Perspective	National
24.	Dr. Hemant D. Kamat	Mathematics Department	June, 2009	CAT Questions setting, IIM, Ahmedabad	National
25.	Dr. Divya Chandel	Zoology	20 th Dec, 2009	Introduction of Semester System by Gujarat University, Ahmedabad	Local
26.	Dr. Divya Chandel	Zoology	15 th March, 2010	Role of CPCSEA in Education and Research by Ministry of Environment & Forests, New Delhi, at Ahmedabad	National
27.	Dr. Saloni N. Joshi	Prakrit / Pali Department	16 - 21 Nov, 2009	An introduction to natural language processing (CILL and Linguistics Department, Guj. Uni.)	National
28.	Dr. Saloni N. Joshi	Prakrit / Pali Department	25 th Nov, 2009	Access to E -journals - organized by Guj. Uni. Library of Library and Information Science	Local
29.	Dr. Saloni N. Joshi	Prakrit / Pali Department	17 th Jan, 2010	Emergence of reading in language development and development Dyslexia held at Linguistics Department Guj. Uni.	Local

30.	Dr. Nilotpala Gandhi	Linguistic Department	16 - 21 Nov, 2009	An introduction to natural language processing (CILL and Linguistics Department, Guj. Uni.)	National
31.	Dr. Nilotpala Gandhi	Linguistic Department	25 th Nov, 2009	Access to E-journals - organized by Guj. Uni. Library of Library and Information Science	Local
32.	Dr. Nilotpala Gandhi	Linguistic Department	17 th Jan, 2010	Emergence of reading in language development and development Dyslexia held at Linguistics Department Guj. Uni.	Local
33.	Dr. P. N. Gajjar	Physics Department	4 th Jan, 2010	Writing Teacher Training Module for the Subject Science and Technology Std. 8 - 10Gujarat State School Text Book Board, Gandhinagar	State

Table - 6

DETAILS OF CONFERENCE PARTICIPATION DURING 2009 - 10

Sr. No.	Name of Faculty	Department / School	Dates	Name of Conference	Programme institution	Level (International / National / State)
1	Smt. Geeta Gadhavi	Library & Information Science	01 - 03 April, 2009	Government Knowledge Centre : A model for Public Libraries	Role of Public Libraries in Knowledge Society in India organized by India International Centre, New Delhi	National
2.	Smt. Geeta Gadhavi	Library & Information Science	26 - 28 Dec, 2009	Public Library : A Local Gateway of Knowledge	Utilization of Library and Information Resources	National
3.	Smt. Geeta Gadhavi	Library & Information Science		Mahiti Sewama Internet no Upyog (GUJ)	GGSS Junagadh	
4.	Smt. Geeta Gadhavi	Library & Information Science	23 - 26 Feb, 2010	Digital Rights Management : Especially for Institutional Repository of Gujarat University	3 rd ICDL 2010 Shaping the Information Paradigm, TERI, New Delhi	International
5.	Vasudev Amrutlal Modi	B. K. School of Business Management	18 th Jan to 1 st Feb, 2010	Entrepreneurs hip and Development	Technology Education and Research Integrated Institutions (TERI), Kurukshetra	National
6.	Vilas Kulkarni	B. K. School of Business Management	05 th Dec, 2009	Faculty Development programme organized by ICFAI University	Participant	State

7.	Vilas Kulkarni	B. K. School of Business Management	24 - 26 Aug, 2009	Experiential Workshop : Appreciative Inquiry for Organizational Change	Academy of HRD, Ahmedabad and ISABS, New Delhi	
8.	Vilas Kulkarni	B. K. School of Business Management	Oct, 2009	59 th Orientation programme by Gujarat University	Participant	National
9.	Vilas Kulkarni	B. K. School of Business Management	20 th Dec, 2009	Introduction to Semester System by Internal Quality Assurance Cell, Gujarat University	Participant	State
10.	Margie Parikh	B. K. School of Business Management	01 st June, 2010	About the Book presented at the occasion of release by Sh. Narendra Modi, of the book From Gray to Green New thinking on Environment authored by Sanjeev Tyagi	Book Release at AMA	National Excel Books
11.	Margie Parikh	B. K. School of Business Management	09 - 12 Aug, 2009	Performance of Trusts as Public Institutions A Case - Based Query into Effectiveness	The Fourth International Conference on Management & Public Policy (CPPM)	International
12.	Jagdish M. Bhatt	B. K. School of Business Management	11 - 12 May, 2009	International Conference on Security & Identity Management	IIM, Ahmedabad	International

13.	Jagdish M. Bhatt	B. K. School of Business Management	29 th Aug, 2009	New DTC	CII, Ahmedabad	Local
14.	Jagdish M. Bhatt	B. K. School of Business Management	12 - 13 Nov, 2009	International Workshop on CSR	MGLI, Ahmedabad	International
15.	Jagdish M. Bhatt	B. K. School of Business Management	25 th Nov, 2009	Awareness on e - journals	Organized by Guj. Uni., UGC, Infilbnet	Local
16.	Jagdish M. Bhatt	B. K. School of Business Management	16 th Jan, 2010	IPR awareness on Designs	Organized by NID & DIPP, GOI	National
17.	Neelima Ruparel	B. K. School of Business Management	30 - 31 Jan, 2010	Women in Business and Management	National Conference on "Women's Development in 21 st Century organized by Women's Development Cell, Gujarat University, Ahmedabad	National
18.	Dr. Sarla Achuthan	B. K. School of Business Management	12 nd Jan, 2010	Progress Issue and way forward	Maritime Development in Gujarat	International
19.	Dr. Sarla Achuthan	B. K. School of Business Management	22 - 23 Dec, 2009	Management Education	Association of Indian Management Scholars, IIM, Bangalore	International
20.	Dr. Sarla Achuthan	B. K. School of Business Management	24 - 26 Nov, 2009	Next Generation Infrastructure Management	APSA, CEPT University	International

21.	Dr. Sarla Achuthan	B. K. School of Business Management	06 - 08 Dec, 2009	Strategies for Environment Education and Training	Conference of Environmental Issues Department of Chemistry	International
22.	Dr. Prateek Kanchan	B. K. School of Business Management	12 - 14 July, 2009	Competitive challenges to Marketing in an era of Generalization	Global Economic Turbulences : Shifts in Business Structures and systems jointly sponsored by University of Papua New Guinea, GITEM University, Visakhapatnam and Shri Krishnadevaraya University, Anantpur	International
23.	Dr. Prateek Kanchan	B. K. School of Business Management	23 - 25 Feb, 2010	Advertising on Television and its Impact on Consumer Buying decision process : A Case Study	Convergence of Management Practices at Smt. Hiraben Nanavati Institute of Management and Research for Women (HNIMRW), Pune.	National
24.	Dr. U. S. Joshi	Physics Department	28 - 29 Oct, 2009	Colossal Electro resistance effects in Ag / $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ / Ag planar structures for non - volatile memory applications	Nanostructures and Materials (ISNM 2009), Kanya Mahavidyalaya, Jalandhar	International
25.	Dr. U. S. Joshi	Physics Department	28 - 29 Oct, 2009	Growth and properties of all oxide transparent p - n junction thin film nanostructures	Nanostructures and Materials (ISNM 2009), Kanya Mahavidyalaya, Jalandhar	International

26.	Dr. U. S. Joshi	Physics Department	30 Nov to 04 Dec, 2009	Symmetrical permissive switching properties of SnO ₂ :Fe transparent thin films	MRS fall Meeting, Boston (USA)	International
27.	Dr. U. S. Joshi	Physics Department	16 - 20 Feb, 2010	Permissive Switching of Ag / In ₂ O ₃ / LaNiO ₃ heterostructures for RRAM applications	Nano science and Technology (ICONSAT 2010), Indian Institute of Technology - Bombay, Mumbai	International
28.	Dr. U. S. Joshi	Physics Department	24 - 26 Feb, 2010	OxRRM : Next generation nanoelectronic memory Devices	Recent Trends in Nano and Bio Sciences, Osmania University, Hyderabad	International
29.	Dr. U. S. Joshi	Physics Department	24 - 26 Feb, 2010	Electrical Switching Characteristics of Pr _{0.067} Ca _{0.33} MnO ₃ Nanostructured films grown by pulsed laser ablation	Recent Trends in Nano and Bio Sciences, Osmania University,	International
30.	Dr. U. S. Joshi	Physics Department	24 - 26 Feb, 2010	Surface structure and optical studies of spin coated Al doped ZnO thin transparent films	Recent Trends in Nano and Bio Sciences, Osmania University,	International
31.	Dr. U. S. Joshi	Physics Department	08 - 09 May, 2009	Swift heavy induced modification in optical and dielectric properties of TiO ₂ thin film nanostructures	National Symposium for Materials Research Scholars (MR-09), IIT, Bombay, Mumbai	National

32.	Dr. U. S. Joshi	Physics Department	08 - 09 May, 2009	Surface structure and Transport Properties of Thermally Evaporated $\text{Bi}_{1.8}\text{Pb}_{0.2}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ Films	National Symposium for Materials Research Scholars (MR-09), IIT, Bombay, Mumbai	National
33.	Dr. U. S. Joshi	Physics Department	19 - 21 Sep, 2009	Nanotechnology : Opportunities and Challenges	New Horizons of Information Technology, KSV University, Gandhinagar	National
34.	Dr. U. S. Joshi	Physics Department	25 - 26 Sep, 2009	Recent Advances in Materials Science Research : Opportunities, Thrill and Challenges	UGC Sponsored Recent Trends in Physics Education and Research, S.M.Panchal Science College, Talod	State
35.	Dr. U. S. Joshi	Physics Department	02 - 04 Dec, 2009	Resistive Random Access Memory Effects in Oxide based planner and MIM structures : Properties and Mechanisms	DAE - BRNS 5 th National Symposium on pulsed Laser Deposition of Thin films and Nanostructured Materials (PLD 2009), Indian Institute of Technology, Madras.	National
36.	Dr. U. S. Joshi	Physics Department	02 - 04 Dec, 2009	Reproductive Resistive Switching in PLD grown Ag / In_2O_3 / LaNiO_3 for Non Volatile Memory applications	DAE - BRNS 5 th National Symposium on pulsed Laser Deposition of Thin films and Nanostructured Materials (PLD 2009), Indian Institute of Technology, Madras.	National

37.	Dr. U. S. Joshi	Physics Department	07 - 11 Dec, 2009	Nanotechnology : Research Opportunities, Challenges and Thrills	AICTE Sponsored Short Term Training Program Recent Trends in Material Science and Technology, SV National Institute of Technology, Surat	National
38.	Dr. U. S. Joshi	Physics Department	26 - 30 Dec, 2009	Transparent diode using p-NiO-n-ITO p-n junction thin film nanostructures : Synthesis and Characterization	55 th DAE Solid State Physics Symposium, M.S.University, Baroda, Vadodara	National
39.	Dr. U. S. Joshi	Physics Department	26 - 30 Dec, 2009	Resistive Switching Properties of Cadmium Substituted Cobalt Ferrite Thin Films	55 th DAE Solid State Physics Symposium, M.S.University, Baroda, Vadodara	National
40.	Dr. U. S. Joshi	Physics Department	26 - 30 Dec, 2009	Swift Heavy Ion Irradiation induced Permissive Switching in Ag / NiO:Li / Ag Planar Structures	55 th DAE Solid State Physics Symposium, M.S.University, Baroda, Vadodara	National
41.	Dr. U. S. Joshi	Physics Department	26 - 30 Dec, 2009	Ferromagnetism of Co and Li co - doped transparent NiO thin film	55 th DAE Solid State Physics Symposium, M.S.University, Baroda, Vadodara	National
42.	Dr. U. S. Joshi	Physics Department	22 nd Jan, 2010	Recent trends in Molecular Electronics	National Seminar on Confluence of Supramolecular Chemistry and Nanoscience, AMA Hall, Ahmedabad	National

43.	Dr. U. S. Joshi	Physics Department	22 nd Jan, 2010	Growth, surface morphology and optical studies of tetra - methyl - tetra o - hydroxyphenyl- azocalix (4) resorcinarene and tetra -methyl tetra o - hydroxyphenyl- azoresorcinarene calyx (4) pyrrole thin film nanostructures	National Seminar on Confluence of Supramolecular Chemistry and Nanoscience, AMA Hall, Ahmedabad	National
44.	Dr. U. S. Joshi	Physics Department	26 th March, 2010	Scanning Probe Microscopy : Hands and Nose of Nanotechnology	National Workshop on Nano Material Research Awareness Programme (NMRAP - 2010), Bhavnagar University, Bhavnagar	National
45.	Dr. S. M. Vyas	Physics Department	30 Oct to 1 Nov, 2009	Photoconductivity of $\text{Sn}_{0.2}\text{Bi}_{1.8}\text{Te}_3$ thin films	ICOP 2009 Chandigarh, India	International
46.	Dr. V. A. Rana	Physics Department	25th Nov, 2009	One day awareness programme on Access to E - Journals	Gujarat University Library & Dept. of Information Science in Collaboration with INFLIBNET Centre, Ahmedabad	Local
47.	Dr. V. A. Rana	Physics Department	20th Dec, 2010	Introduction of Semester System	Internal Quality Assurance Cell, Gujarat University, Ahmedabad	Local
48.	Dr. V. A. Rana	Physics Department	14th March, 2010	One day seminar on Current Trends	Physics Department, Gujarat University, Ahmedabad	State

49.	Dr. V. A. Rana	Physics Department	21st March, 2010	Microwave absorption and dielectric relaxation in anisole and its mixture with I -propanol in dilute solution of benzene	XXIV Gujarat Science Congress 2010, Gujarat University, Ahmedabad	State
50.	Dr. V. A. Rana	Physics Department	9th Jan, 2010	Science Excellence, Gujarat University, Ahmedabad	Science Excellence, Gujarat University, Ahmedabad	State
51.	Dr. P. R. Vyas	Physics Department	25th Nov, 2009	One day awareness programme on Access to E -Journals	Gujarat University Library & Dept. of Information Science in Collaboration with INFLIBNET Centre, Ahmedabad	Local
52.	Dr. P. R. Vyas	Physics Department	20th Dec, 2010	Introduction of Semester System	Internal Quality Assurance Cell, Gujarat University, Ahmedabad	Local
53.	Dr. P. R. Vyas	Physics Department	04 - 06 Jan, 2010	Workshop for writing Teacher Training Module for the Subject Science and Technology Std. 08-10	G S E B, Gandhinagar	State
54.	Dr. P. R. Vyas	Physics Department	21st March, 2010	Pressure (Volume dependence of the melting temperature of transition metals)	XXIV Gujarat Science Congress - 2010, Gujarat University, Ahmedabad	State
55.	Dr. P. R. Vyas	Physics Department	9th Jan, 2010	Science Excellence, Gujarat University, Ahmedabad	Science Excellence, Gujarat University, Ahmedabad	State

56.	Dr. P. D. Lele	Physics Department	10 - 12 Oct, 2009	Laboratory Preparatory Sessions	IAPT XIV Annual Convention Kanpur	National
57.	Dr. P. D. Lele	Physics Department	24 - 27 Feb, 2010	Multifrequency Field - Strength Measurements A - 3 Method (Oblique Incidence) at Ahmedabad during Total solar eclipse of July - 2009	XVI National Space Science Symposium	National
58.	Dr. P. D. Lele	Physics Department	20th Dec, 2009	Intro of semester system	IQAC Gujarat University,	Local
59.	Dr. P. D. Lele	Physics Department	24th Jan, 2010	Frontiers of Physics S.P.University, V.V.Nagar	Frontiers of Physics S.P.University, V.V.Nagar	State
60.	Dr. P. D. Lele	Physics Department	21st March, 2010	Realizing ALU using Microcontroller	Gujarat Science Congress, Gujarat University, Ahmedabad	State
61.	Dr. P. D. Lele	Physics Department	17th Jan, 2010	Language department of Dyslexia	Gujarat University, Ahmedabad	Local
62.	Dr. P. D. Lele	Physics Department	25th Nov, 2009	Access to e-journals	Gujarat University. Ahmedabad	Local
63.	Dr. P. D. Lele	Physics Department	14th March, 2010	Current Trends	Physics Department Gujarat University Ahmedabad	Local

64.	Dr. Deepti Tripathi	Physics Department	21st Match, 2010	Variability Ozone concentration over, India estimated using ENVISAT - Sciamachy and EOS - AURA - OMI data	XXIV Gujarat Science Congress 2010	State
65.	Dr. M. E. James	Physics Department	Feb, 2010	Increase trends in intense rainfall events over Gujarat State in the warming environment, Paper Presented at International Conference on Climate Change and Developing Countries	Kottayam	International
66.	Dr. M. E. James	Physics Department	Feb, 2010	Study of Mid - Tropospheric Cyclones using NCEP and INSAT data	National Space Science Symposium, Rajkot	National
67.	Dr. M. E. James	Physics Department	Feb, 2010	Spatial variation of Aerosol Optical Properties over an Urban city, Ahmedabad	National Space Science Symposium, Rajkot	National

68.	Dr. M. E. James	Physics Department	March, 2010	Variability of Ozone concentration over India, estimated using ENVISAT - SCIAMACHY and EOS -AURA - OMI data	Gujarat Science Congress	State
69.	Dr. V. H. Gandhi	Physics Department	9th Jan, 2010	Science Excellence, Gujarat University, Ahmedabad	Science Excellence, Gujarat University, Ahmedabad	State
70.	Dr. V. H. Gandhi	Physics Department	4th March, 2010	Science Excellence, Gujarat University, Ahmedabad	Science Excellence, Gujarat University, Ahmedabad	State
71.	Dr. V. H. Gandhi	Physics Department	14th March, 2010	Science Excellence, Gujarat University, Ahmedabad	Science Excellence, Gujarat University, Ahmedabad	State
72.	Mr. Harish M. Desai	Physical Education	28 - 30 Jan, 2010	Trainers on Human Rights and Social Harmony	Trainers on Human Rights and Social Harmony, Ahmedabad, (RGNIID)	Training
73.	Badshah Leena Jatin	Sociology	10 th Dec, 2009	Effects on the marriage life of women entrepreneurs	XXXV all India Sociological Conference at Uni. Of Kashmir	National
74.	Dr. Chandrika K. Raval	Sociology	10 - 12 Oct, 2009	XXV all India Sociology Conference paper - Gender Equity in Education in Gujarat	University of Kashmir & J & K	National
75.	Dr. Chandrika K. Raval	Sociology	11 - 15 May, 2009	Orientation Training on Domestic & Gender Based Violence	National Institute of Public Co Operation and Child Development, New Delhi, School	National

76.	Dr. Chandrika K. Raval	Sociology	30 - 31 Jan, 2010	Conference on Women's Development 21 st Century	WDC (Women Development Cell), Gujarat University, Ahmedabad	National
77.	Dr. Chandrika K. Raval	Sociology	10 th March, 2010	Faculty Development Programme on Motivational Training (Enrichment) for Teaching Staff	S.L.U. Arts and H & P. Thakore Commerce College, for women Ahmedabad	State
78.	Alpa Mehta	Labour Welfare	08 - 10 Jan, 2009	The giant and an ant - CSR in India	NICOM Nirma University	International
79.	Alpa Mehta	Labour Welfare	08 - 28 March, 2010	Refresher Course	Academic Staff College	State
80.	Alpa Mehta	Labour Welfare	19 th Sep, 2009	Eighth HR 2020 Conference	AMA Ahmedabad	National
81.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Buty paraben induces oxidative stress An in vitro study	Science Excellence - 2009	State
82.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Bisphenol a alters energy metabolism	Science Excellence - 2009	State
83.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Aqueous Extract of phyllanthus fraternus and Boerhaavia diffuse protects cadmium chloride - induced hepatotoxicity an in vitro study	Science Excellence - 2009	State

84.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	A prospective randomized study of male infertility	Science Excellence - 2009	State
85.	Dr. R. J. Verma	Zoology	29 - 31 Jan, 2009	Quercetin ameliorates bisphenol a induced lipid peroxidation an in vitro study	Biomedical and Genomic Research, Ahmedabad	International
86.	Dr. R. J. Verma	Zoology	29 - 31 Jan, 2009	The effect of IQ level of school children	Biomedical and Genomic Research, Ahmedabad	International
87.	Dr. R. J. Verma	Zoology	04 - 07 Nov, 2009	Mitigatory effect of quercetin on bisphenol a - induced hepatotoxicity	XXIX Annual Conference of Society of Toxicology, Hyderabad	National
88.	Dr. R. J. Verma	Zoology	04 - 07 Nov, 2009	Protective effects of Ocimum sanctum on butylparaben - induced cytotoxicity	XXIX Annual Conference of Society of Toxicology, Hyderabad	National
89.	Dr. R. J. Verma	Zoology	06 - 08 Dec, 2009	Effect of bisphenol a on Human Health	Environmental Issues in Emerging and Advanced Economics Ahmedabad	International
90.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Phyllanthus amarus extract ameliorates carbon tetrachloride - induced oxidative stress in liver of mice.	Science Excellence - 2009, Ahmedabad	State
91.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Aqueous ginger extract ameliorates paraben - induced cytotoxicity	Science Excellence - 2009, Ahmedabad	State

92.	Dr. R. J. Verma	Zoology	10 th Jan, 2009	Screening of antimicrobial property of three different plants	Science Excellence - 2009, Ahmedabad	State
93.	Dr. R. J. Verma	Zoology	29 - 31 Jan, 2009	Mitigation of carbon tetrachloride induced liver damage by phyllanthin	Biomedical and Genomic Research, Ahmedabad	International
94.	Dr. R. J. Verma	Zoology	29 - 31 Jan, 2009	Protection against butylparaben - induced oxidative damage in Human erythrocytes by aqueous extract of Ocimum Sanctum Linn.	Biomedical and Genomic Research, Ahmedabad	International
95.	Dr. Divya Chandel	Zoology	25 th Nov, 2009	One day Awareness programme on Access to e journals	Gujarat University and INFLIBNET, Ahmedabad	State
96.	Dr. Divya Chandel	Zoology	06 - 08 Dec, 2009	Environmental issues in Emerging and Advanced economies	Canada, India, Ahmedabad	International
97.	Dr. Divya Chandel	Zoology	09 th Jan, 2010	Science Excellence - 2010	Science Excellence - 2010	State
98.	Dr. Divya Chandel	Zoology	08 th Feb, 2010	Reproductive Health & XXth Annual Meeting of the Indian Society for the study of Reproduction and Fertility, Jaipur	Reproductive histories in mothers of down syndrome	International

99.	Dr. Divya Chandel	Zoology	06 - 08 March, 2010	Int. Symposium on Role of Genomics in Clinical Practice & 35th Annual Conference of Indian Society of Human Genetics (ISHG, 2010) SGPGIM, Lucknow	Cytogenetic findings in parents of free trisomy 21	International
100.	Dr. Divya Chandel	Zoology	06 - 08 March, 2010	Int. Symposium on Role of Genomics in Clinical Practice & 35th Annual Conference of Indian Society of Human Genetics (ISHG, 2010) SGPGIM, Lucknow	Cytogenetic and Clinical Evaluation in a Rare case with multiple congenital anomalies	International
101.	Dr. Divya Chandel	Zoology	06 - 08 March, 2010	Int. Symposium on Role of Genomics in Clinical Practice & 35th Annual Conference of Indian Society of Human Genetics (ISHG, 2010) SGPGIM, Lucknow	Aphid Colin induced fragile sites in down syndrome	International
102.	Dr. Divya Chandel	Zoology	21st March, 2010	XXIV Gujarat Science Congress, Ahmedabad	Gujarat University, Ahmedabad	State
103.	Dr. Vasantkumar M. Bhatt	Sanskrit Department	01 - 02 Nov, 2009	Kalidas Ke Kavyo Me Dosh - Vichar	Kalidas - Samaroh, Ujjain	National

104.	Dr. Vasantkumar M. Bhatt	Sanskrit Department	5th Feb, 2010	Use of the Excel programme for new collation sheet	National mission for Manuscript Delhi	National
105.	Kamleshkumar C. Chokashi	Sanskrit Department	26 - 27 June, 2009	Purv Panini - Kalin Vayakaran - Ek Parichay	A national seminar on Panini	National
106.	Kamleshkumar C. Chokashi	Sanskrit Department	23 - 26 Feb, 2010	Kya Bali - Vadh Adhunik Encounter Ka Mul Hai?	Akhil Bharatiya Vidvad Goshthi	National
107.	Kamleshkumar C. Chokashi	Sanskrit Department	25 - 26 March, 2010	Ramayan ki Sameekshit Aavritti - Ek Sameeksha	Ramayan Parisamvad	National
108.	Alok Gupta	Hindi Department	03 - 04 April, 2009	Gujarati se Hindi Anuvad : Mulyankan Aur Chunovtiya	Mahatma Gandhi International Hindi Vishv Vidhyalaya , Vardha	National
109.	Alok Gupta	Hindi Department	04 - 05 Sept, 2009	Nand Dulare Bajpai ki patrakatiya aur sampadan kala	Sahitya academi, Dilhi aur Indian Bhasha Parishad, Kalkatta	National
110.	Alok Gupta	Hindi Department	01 - 02 Oct, 2009	Bacchan ka Rachanatmak Sangharsh	Vinayan aur Vanijiya Mahavidhyalaya, Gondal	National
111.	Alok Gupta	Hindi Department	29 - 30 Jan, 2010	Krishna Sobati ke upanyaso ke nari patra	Sarkari Vinayan College, Gandhinagar	National
112.	Alok Gupta	Hindi Department	07 - 09 Jan, 2010	Natyalekh evam natya prastuti ka anta sabandh	Saradar Patel University, Vallabh Vidhyanagar	International
113.	Alok Gupta	Hindi Department	11 - 12 March, 2010	21st ke pahele dasak ki shtri kavita	S.I.E.S. College of Arts, Mumbai	National

114.	Dr. Kirtida S. Shah	Gujarati Department	12 - 13 Dec, 2009	Medivar literature	Baroda	State
115.	Dr. Kirtida S. Shah	Gujarati Department	28 - 29 Dec, 2009	Akhani Kavita	Kamraj	State
116.	Dr. Kirtida S. Shah	Gujarati Department	17th Jan, 2010	Dyslexia	Gujarat University, Ahmedabad	State
117.	Dr. Kirtida S. Shah	Gujarati Department	23 - 24 Feb, 2010	Languages	Gujarat University, Ahmedabad	State
118.	Dr. Ranjana Harish	English Department	06 - 08 Dec, 2009	Defining National Canadian Identity Through Landscape Painting : Group of Seven	Environmental Issues, AMA, Ahmedabad	International
119.	Dr. Ranjana Harish	English Department	25 - 28 Feb, 2010	Footprints on the Sands of Time : Theorizing the Autobiography from Gender Perspective	Autobiography, Rajasthan University	International
120.	Dr. Ranjana Harish	English Department	11 - 12 Jan, 2010	Reading Kamala Das within Two Traditions of Life - Writings	Titled Kamala Das : A Tribute, AMA, Ahmedabad	National
121.	Dr. Ranjana Harish	English Department	26 - 28 March, 2010	Politics of Identity in Pre - British india as Reflected in Indian Women's Literature	Post - Colonial Indian Literature in India. Sambalpur University Orrissa	National
122.	Dr. Nutan R. Damor	English Department	06 - 08 Dec, 2009	Environmental Preservation : The Native / Tribal Way	Environmental Issues : India / Canada, AMA, Ahmedabad	International

123.	Dr. Nutan R. Damor	English Department	29 - 31 March, 2010	Sisterhood across Nations : A Comparative study of Shashi Deshpande's Binding Vine and Alice Walker's The Color Purple	Expanding Territories of comparative Literature, Saurashtra University, Rajkot	International
124.	Dr. Nutan R. Damor	English Department	14 - 15 Nov, 2009	Comparing Representation of Women in Black Male and Female Writing	Women in Politics, Law, and Literature C. B. Patel Arts College, Nadiad	National
125.	Dr. Nutan R. Damor	English Department	11 - 12 Jan, 2010	Female Body as the Site of Public Contention : A study of Kamala Das's Poetry	Titled Kamala Das a Tribute	National
126.	Darshana G. Trivedi	English Department	29 - 31 March, 2010	Epistles of peace and Hope : A study of T. S. Eliot's The Waste Land and Niranjana Bhagat's Prawalweep	CLAI & Department of English Saurashtra University	International
127.	Darshana G. Trivedi	English Department	11 - 12 Jan, 2010	Re / De Constructing the fixed image : A study of Kamla Das's last Poems	Department of English, Gujarat University, Ahmedabad	National
128.	Darshana G. Trivedi	English Department	06 - 08 Dec, 2009	Journey from Environmental Harmony to Cosmic Harmony : A Study of Umashankar Joshi's Viswashanti	Reaney Canadian Centre and Department of Chemistry	International

129.	Parmar Chetana S.	Commerce Department	29th Jan, 2010	Corporate governance disclosure transparency	V. V. Nagar	National
130.	Parmar Chetana S.	Commerce Department	30 – 31 Jan, 2010	Women Enterprise Development in India	Gujarat University, Ahmedabad	National
131.	Parmar Chetana S.	Commerce Department	06 – 07 Feb, 2010	Corp. Gov. Scenarion in India	H. M. Dandhi School of Mgt. Rajkot	International
132.	Parmar Chetana S.	Commerce Department	25 – 26 Feb, 2010	Measuring corporate success statistical analysis of financial performance indicators	Gujarat University, Ahmedabad	National
133.	Dr. Hemal Pandya	Commerce Department	30 – 31 Jan, 2010	Women's Development in 21st century	Gujarat University, Ahmedabad	National
134.	Dr. Hemal Pandya	Commerce Department	25 – 26 Feb, 2010	Measuring Corporate success statistical analysis of Financial Performance Indicators	M. G. Science College, Gujarat University, Ahmedabad	National
135.	Dr. Hemal Pandya	Commerce Department	25 - 26 Feb, 2010	Efficiency Estimation of Indian Plastic Industry	M. G. Science College, Gujarat University, Ahmedabad	National
136.	Dr. Hemal Pandya	Commerce Department	11 - 13 March, 2010	Sustainable Agriculture in Indian Perspective	Gujarat Vidyapith	International
137.	Dr. H. C. Sardar	Commerce Department	Sep, 2009	GLS Institute of Commerce	Ahmedabad	State
138.	Dr. B. V. Pathak	Commerce Department	20th Dec, 2009	Introduction of Semester System	IQAC, Gujarat University	State
139.	Dr. B. V. Pathak	Commerce Department	25th Nov, 2009	One day Awareness Programme on Access to E-Journals	Department of Library and Information Science, Gujarat University, in Association with INFLIBNET Centre	State

140.	Dr. H. S. Oza	Commerce Department	14 - 15 Nov, 2009	Intangible Assets Hedge Accounting	XXXI Ind all Indian Conf. Gwalior	International
141.	Dr. H. S. Oza	Commerce Department	06 - 08 Dec, 2009	Climate Development	Gujarat University, Ahmedabad	International
142.	Dr. H. S. Oza	Commerce Department	29th Jan, 2010	CG Disclosure & Transparency	UGC V. V. Nagar	National
143.	Dr. H. S. Oza	Commerce Department	06 - 07 Feb, 2010	CG Scenario in India	Gandhi Mana. Inst. Rajkot	International
144.	Hiren D. Joshi	Computer Science	21st March, 2010	Computer Power Consumption Benchmarking for Green Computing	XXIV Gujarat Science Congress, Gujarat University, Ahmedabad	State
145.	Hiren D. Joshi	Computer Science	06 - 08 Dec, 2009	Computers contribution to the Environmental Pollution	International conference on Environmental Issues in Emerging and advanced Economies : Canada, India	International
146.	Dr. Jyoti Pareek	Computer Science	19 - 21 March, 2010	Automatic Topic(s) Identification from Learning material : An Ontological Approach	Knowledge discovery Bali Island, Indonesia	International

147.	Dr. Jyoti Pareek	Computer Science	15 - 17 May, 2009	Key Phrase Extraction Tool (KET) Semantic Metadata Annotation of Learning Materials	Computer Design and Applications Singapore	International
148.	Dr. Jyoti Pareek	Computer Science	14 - 17 Dec, 2009	GH - MAP : Rule Based Token Mapping for Translation between Sibling language Pair : Gujrati - Hindi	Natural Language Processing (ICON 2009) IIT-H, Hyderabad University	International
149.	Dr. Savita R. Gandhi	Computer Science		A Survey of Intrusaion Detection in Mobile Adhoc Networks	Proc. NCISC - 2009 08 Ikon Books, Page No. 186 - 195	National
150.	Dr. Savita R. Gandhi	Computer Science	06 - 08 Dec, 2009	Effect of Computer evolution and mobile technology on living kingdom	Environmental Issues in Emerging and advanced Economies (ICEI - 09) : Canada, India, held at AMA, Ahmedabad	International
151.	Dr. H. A. Modi	Life Science	28th May, 2009	Microbiology / Biotechnology Dept, Ranjitsinhji College of Professional Science, Indore	The beauty of Mushrooms and Actinomycetes and their biotechnological application	State

152.	Dr. H. A. Modi	Life Science	16 - 21 Aug, 2009	Chemistry Department IIT Bombay	Synthesis single crystal study and antibacterial activity of 4 - acylthiosemicarbazone - 2 pyrazoline - 5 - ones	International
153.	Dr. H. A. Modi	Life Science	14th Nov, 2009	Botany department M. S. University, Baroda	Bioremediation of disperse dyes by bacterial isolates Changing Environmental and resulting shift in ecological balance	National
154.	Dr. H. A. Modi	Life Science	14th Nov, 2009	Botany department M. S. University, Baroda	Ecofriendly biodegradation of some commercial dyes by an isolate pseudomonas syringas Changing Environmental and resulting shift in ecological balance	National
155.	Dr. H. A. Modi	Life Science	06 – 08 Dec, 2009	Department of Chemistry Gujarat University, Ahmedabad	Environmental issues in Emerging and Advanced Economies canada, india	International
156.	Dr. H. A. Modi	Life Science	04 - 06 Dec, 2009	Banaras Hindu University, Varanasi	Optimisation of parameters for Protease production by Actinomycetes	International

157.	Dr. H. A. Modi	Life Science	Dec, 2009	National Chemical Laboratory, Pune	Comparative analysis of intracellular and extracellular production of Glucose Isomerase by Actinomycetes	National
158.	Dr. H. A. Modi	Life Science	Dec, 2009	National Chemical Laboratory, Pune	Identification and Characterization of streptomycetes producing primary and secondary metabolites of commercial importance	National
159.	Dr. H. A. Modi	Life Science	09th Jan, 2010	Department of Botany, Gujarat University, Ahmedabad	Science Excellence 2010	Local
160.	Dr. Saloni N. Joshi	Prakrit / Pali Department	25 - 27 July, 2009	Prakrit Sahitya me Shil Kathae	Rashtriya Prakrit Sanghosty, Jaipur	National
161.	Dr. Saloni N. Joshi	Prakrit / Pali Department	05 - 07 Oct, 2009	Jatako me Dankathae	Indian Society for Buddhist study held at Kashmir University, Shrinagar	National
162.	Dr. Saloni N. Joshi	Prakrit / Pali Department	26 - 28 March, 2010	Jain Dharm Aur Nari (Jain Samajik Evam Sanskrutik Chintan)	Center for Jain Studies, Rajasthan University	National

163.	Dr. Saloni N. Joshi	Prakrit / Pali Department	19th Dec, 2009	Jayvantsuri Krut Shrungar Manjari	Prakrut Kathao ka Madhyakalin gujar sahitya per Prabhav, Prakrit - Pali Department, Guj. Uni.	National
164.	Dr. Saloni N. Joshi	Prakrit / Pali Department	14 - 15 Nov, 2009	Samay Sundar Krut Nalkatha	Gujarati Sahitya ma Jain Sahitya nu Pradan - Parisawad Gujarati Sahitya parishad	National
165.	Dr. Nilotpala Gandhi	Linguistics Department	14 - 17 Dec, 2009	Negation on Gujarati	Linguistic Society of India, held at Hyderabad	National
166.	Dr. Nilotpala Gandhi	Linguistics Department	14 - 17 Dec, 2009	Negation on Gujarati	NLP (ICON)	International
167.	Dr. Nilotpala Gandhi	Linguistics Department	25 - 26 Feb, 2010	Language Policy of India	Department of Linguistic & WRLC, Pune, at Ahmedabad	National

Table - 7
DETAILS OF SEMINAR PARTICIPATION DURING 2009 - 10

Sr. No.	Name of Faculty	Department / School	Dates	Name of Seminar	Programme institution	Level (International / National State)
1.	Smt. Geeta Gadhavi	Library & Information Science	29 th Aug, 2009	Digital Information Literacy Programme for the Users of Gujarat University Library	Information Literacy organized by ADINET, INFLIBNET and AMA on at AMA Ahmedabad	State
2.	Badshah Leena Jatin	Sociology	23 rd Sep, 2009	Contribution of Neera Desai in Women's Studies Jointly Organized	Dept. of Sociology and S. L. U. Arts and H and P Thakker Commerce College, Ahmedabad	State
3.	Badshah Leena Jatin	Sociology	26 - 27 Feb, 2010	Inclusive Growth and Development A Social Science Perspective	School of Social Sciences, Gujarat University, Ahmedabad	National
4.	Dr. Chandrika K. Paval	Sociology	09 th Jan, 2010	International Seminar on Gujarati Diaspora on Global Platform Perceptions, Contribution and Experience paper : Diaspora Philanthropy to India with Special Reference to U.S.A.	The Centre for Indian Diaspora & P.G. Dept. of Sociology S. P. University, V. V. Nagar, Gujarat	International

5.	Dr. Chandrika K. Paval	Sociology	14 th Feb, 2010	Seminar on Issues of Women Empowerment Key paper : Economic Empowerment of women in India	Department of Sociology, Sardar Patel University, Vallabh Vidyanagar	National
6.	Dr. Chandrika K. Paval	Sociology	26 - 27 Feb, 2010	Seminar on Inclusive Growth and Development : A Social Science Perspective	Department of Sociology, Department of Labour Welfare & Department of Political Science Gujarat University, Ahmedabad.	National
7.	Dr. Chandrika K. Paval	Sociology	12 nd Sep, 2009	One day Seminar on Rural Youth - Transformation & Challenges key paper - Rural Youth & Mass Media	M. P. Arts & M. H. Commerce College for Women.	State
8.	Dr. Chandrika K. Paval	Sociology	23 rd Sep, 2009	Contribution of Neera Desai in Women Studies & Inter University Quiz	S. L. U. Arts and H & P Thakore Commerce College for Women, Ahmedabad	State
9.	Dr. V. A. Rana	Physics Department	14 th March, 2010	Current Trends in Physics Department Gujarat University, Ahmedabad	PRL, INSA Gujarat Chapter	State
10.	Dr. V. A. Rana	Physics Department	21 st March, 2010	XXIV Gujarat Science Congress 2010, Gujarat University, Ahmedabad.	GUJCOST, IPR, PRL	State
11.	Dr. P. R. Vyas	Physics Department	14 th March, 2010	Current Trends in Physics Department Gujarat University, Ahmedabad	PRL, INSA Gujarat Chapter	State
12.	Dr. P. R. Vyas	Physics Department	21 st March, 2010	XXIV Gujarat Science Congress 2010, Gujarat University, Ahmedabad.	GUJCOST, IPR, PRL	State

13.	Dr. Dipti Tripathi	Physics Department	14 th March, 2010	Current Trends in Physics Department Gujarat University, Ahmedabad	PRL, INSA Gujarat Chapter	State
14.	Dr. R. B. Jotania	Physics Department	27 June to 03 July, 2009	BaW hexaferrite precursor in presence of CTAB and Tween 80 : Dielectric and Magnetic Properties	5 th International conference on Materials for Advanced Technology (ICMAT - 2009) Suntech convention centre, Singapore	International
15.	Dr. R. B. Jotania	Physics Department	27 June to 03 July, 2009	Structural, Thermal and Magnetic properties of Ba - Ca hexaferrite particles synthesized by Reverse Micelle and co precipitation Routes	5 th International conference on Materials for Advanced Technology (ICMAT - 2009) Suntech convention centre, Singapore	International
16.	Dr. R. B. Jotania	Physics Department	04 - 06 June, 2009	Synthesis and characterization of BaCa ₂ Fe ₁₆ O ₂₇ ferrite nano particles prepared by Reverse Micelle and Co - precipitation Techniques	Advanced of Chemical Engineering and Process Technology, National Chemical lab., Pune	National
17.	Dr. R. B. Jotania	Physics Department	09 - 11 July, 2009	Synthesis and characterization of BaMg _{0.2} Fe _{11.8} O ₁₉ ferrite nano particles prepared by Citrate gel Technique	Nanotechnology and Advanced Functional Material, National Chemical lab., Pune	International

18.	Dr. R. B. Jotania	Physics Department	09 - 11 July, 2009	Physical properties of Strontium hexaferrite nano particles synthesized by sol - gel auto combustion method in addition of non ionic surfactant	Nanotechnology and Advanced Functional Material, National Chemical lab., Pune	International
19.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Study of structural and thermal properties of Mn - substituted SrCu hexagonal ferrite particles	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International
20.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Synthesis and characterization of BaFe ₁₂ O ₁₉ hexaferrite particles by Sol gel auto - combustion method	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International
21.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Influence of the presence Calcium on Ba - M Hexaferrite particles prepared using Co - precipitation technique	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International

22.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Comparative studies of physical and Magnetic properties of BaFe ₁₂ O ₁₉ hexaferrite particles synthesized using co - precipitation and Microemulsion processing techniques in presence of surfactant	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International
23.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Comparative study of Ba - M hexaferrite particles prepared by using Microemulsion processing and co -precipitation techniques	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International
24.	Dr. R. B. Jotania	Physics Department	28 - 29 Oct, 2009	Physical properties of Magnesium doped Barium hexaferrite particles prepared by Citrate gel route in presence of surfactants	International symposium on Nanostructured Materials (ISNM - 09), Department of Physics, Kanya Maha Vidyalaya, Jalandhar (Punjab) India	International
25.	Dr. R. B. Jotania	Physics Department	11 - 13 Nov, 2009	Conductivity and Dielectric behaviour of W-type BaCa ₂ Fe ₁₆ O ₂₇ Hexaferrite particles prepared using a Stearic acid gel route	National Symposium on Vacuum Technology and its Application to Electric Devices and Systems (IVSNS - 09), CEERI, Pilani (Rajasthan), India	National

26.	Dr. R. B. Jotania	Physics Department	11 - 13 Nov, 2009	Characterization of Sr – M hexaferrite powder synthesized by co - precipitation and microemulsion routes	National Symposium on Vacuum Technology and its Application to Electric Devices and Systems (IVSNS - 09), CEERI, Pilani (Rajasthan), India	National
27.	Dr. R. B. Jotania	Physics Department	13 - 17 Dec, 2009	Synthesis and characterization of Y - type Sr - Cu - Mn hexaferrite particles	Electro -ceramics (ICE) 2009, Delhi University, Delhi	International
28.	Dr. R. B. Jotania	Physics Department	22 - 23 Jan, 2010	Effect surfactant in the formation of Strontium hexaferrite nano particles prepared by an SHS route	Confluence of supramolecular chemistry and Nanoscience Department of Chemistry, Gujarat University, Ahmedabad	National
29.	Dr. R. B. Jotania	Physics Department	22 - 23 Jan, 2010	Synthesis and characterization of BaMg ₂ Fe ₁₀ O ₁₉ hexaferrite nano particles prepared using a Stearic acid gel technique	Confluence of supramolecular chemistry and Nanoscience Department of Chemistry, Gujarat University, Ahmedabad	National
30.	Dr. R. B. Jotania	Physics Department	22 - 23 Jan, 2010	Synthesis and structural properties of Sr - Cu - Mn hexaferrite particles	Confluence of supramolecular chemistry and Nanoscience Department of Chemistry, Gujarat University, Ahmedabad	National

31.	Dr. R. B. Jotania	Physics Department	22 - 23 Jan, 2010	Barium hexaferrite by sol-gel route	Nanostructured Materials Department of Physics, Madhavrao Patil Mahavidyalaya, Murum, MS	National
32.	Dr. R. B. Jotania	Physics Department	12 - 13 March, 2010	Structural studies of Co - spinel Ferrite synthesized by an Auto Combustion Method	Nanostructured Materials and their Applications, Department of Physics, Madhavrao Patil Mahavidyalaya, Murum, MS	National
33.	Dr. R. B. Jotania	Physics Department	12 - 13 March, 2010	Cobalt ferrite Nano Particles by Microemulsion route	Nanostructured Materials and their Applications, Department of Physics, Madhavrao Patil Mahavidyalaya, Murum, MS	National
34.	Dr. R. B. Jotania	Physics Department	21 st March, 2010	Characterization of Sr – M hexaferrite Nano particles prepared by SHS Route	XXIV Gujarat Science Congress, Gujarat University, Ahmedabad	State
35.	Dr. R. B. Jotania	Physics Department	21 st March, 2010	The structural properties of Cobalt doped Barium Calcium hexaferrites synthesized by a Stearic acid gel route	XXIV Gujarat Science Congress, Gujarat University, Ahmedabad	State
36.	Dr. R. B. Jotania	Physics Department	21 st March, 2010	Mn - doped Y –type hexaferrite by co - precipitation route	XXIV Gujarat Science Congress, Gujarat University, Ahmedabad	State
37.	Dr. R. B. Jotania	Physics Department	9 th Jan, 2010	Cobalt ferrite nano particles by SHS route	Science Excellence Gujarat University, Ahmedabad	State

38.	Dr. R. B. Jotania	Physics Department	9 th Jan, 2010	Study of Microstructural properties of Manganese doped Strontium Y -type hexagonal ferrites	Science Excellence Gujarat University, Ahmedabad	State
39.	Dr. R. B. Jotania	Physics Department	9 th Jan, 2010	Synthesis and characterization of Al - doped Barium hexaferrite	Science Excellence Gujarat University, Ahmedabad	State
40.	Dr. R. B. Jotania	Physics Department	9 th Jan, 2010	Synthesis and characterization of Ba - Ca hexaferrite nano particles synthesized by water in oil reverse micelle and co - precipitation techniques	Science Excellence Gujarat University, Ahmedabad	State
41.	Dr. P. N. Gajjar	Physics Department	8 th Dec, 2009	Simulation of Thermal devices	Recent Trends in Materials Sciences and Technology Sardar Vallabhbhai National Institute of Technology, Surat	National
42.	Dr. P. N. Gajjar	Physics Department	20 th Dec, 2009	Credit based system for physics department	The Credit based semester system Gujarat University, Ahmedabad	Local

43.	Dr. P. N. Gajjar	Physics Department	21 st Dec, 2009	Convener's Meeting for writing Teachers Training Module for Std. 8 – 10	Gujarat State School Text Book Board, Gandhinagar	State
44.	Dr. P. N. Gajjar	Physics Department	09 th Jan, 2010	Science Excellence - SCIXL - 2010 Gujarat University Ahmedabad	Science Excellence - SCIXL - 2010 Gujarat University Ahmedabad	State
45.	Dr. P. N. Gajjar	Physics Department	23 - 24 Jan, 2010	Atmospheric Science and Climate Change Indian Centre for Climate and Societal Impacts Research (ICCSIR) AES, Ahmedabad	Atmospheric Science and Climate Change Indian Centre for Climate and Societal Impacts Research (ICCSIR) AES, Ahmedabad	State
46.	Dr. P. N. Gajjar	Physics Department	09 - 11 Feb, 2010	Advanced Ceramic Materials - Monoliths to Composites (21 st AGM of MRSI)	Sardar Patel University, Vallabh Vidyanagar	National
47.	Dr. P. N. Gajjar	Physics Department	24 - 25 Feb, 2010	Meeting for reframing the Syllabi of Standard XI - XII (Physics)	Gujarat State School Text Book Board, Gandhinagar	state
48.	Dr. P. N. Gajjar	Physics Department	14 th March, 2010	Departmental Profile	Current Trends in Physics Gujarat University Ahmedabad	State
49.	Dr. P. N. Gajjar	Physics Department	21 st March, 2010	Study of Phonon modes of Ni and Cr using pseudopotential theory	XXIV Gujarat Science Congress 2010 Gujarat University Ahmedabad	State
50.	Dr. P. N. Gajjar	Physics Department	21 st March, 2010	Vibrational Thermodynamics properties of Cu, Ag and Au	XXIV Gujarat Science Congress 2010 Gujarat University Ahmedabad	State

51.	Dr. P. N. Gajjar	Physics Department	14 th March, 2010	Current Trends in Physics Gujarat University, Ahmedabad	PRL, INSA Gujarat Chapter	State
52.	Dr. P. N. Gajjar	Physics Department	21 st March, 2010	XXIV Gujarat Science Congress Gujarat University, Ahmedabad	GUJCOST, IPR, PRL, ISRO, etc.	State
53.	Dr. P. N. Gajjar	Physics Department	25 th Feb, 2010	Organized a popular lecture on National Science Day celebration 2010 Vijaynagar High School, Ahmedabad	Vijaynagar School, Ahmedabad	Local
54.	Dr. P. N. Gajjar	Physics Department	09 th Jan, 2010	Science Excellence 2010	GUJCOST, etc.	State
55.	Dr. Sanjaykumar K. Patel	Mathematics Department	25 - 27 Dec, 2009	Gujarat Committee Mandal 46 th Annual Conference	Modasa	State
56.	Dr. Sanjaykumar K. Patel	Mathematics Department	20 th Dec, 2009	Introduction of Semester System	Gujarat University, Ahmedabad	Local
57.	Dr. Sanjaykumar K. Patel	Mathematics Department	25 th Nov, 2009	Awareness programme on access to E –journals		Local
58.	Dr. Sanjaykumar K. Patel	Mathematics Department	25 - 27 May, 2009	Analysis & its Applications IISC,	Bangalore	International
59.	Shrimali Narendra P.	Mathematics Department	25 - 27 Dec, 2009	Gujarat Committee Mandal 46 th Annual Conference Modasa	Modasa	State
60.	Shrimali Narendra P.	Mathematics Department	20 th Dec, 2009	Introduction of Semester System	Gujarat University, Ahmedabad	Local
61.	Shrimali Narendra P.	Mathematics Department	25 th Nov, 2009	Awareness programme on access to E –journals	Gujarat University, Ahmedabad	Local

62.	Shrimali Narendra P.	Mathematics Department	21 st March, 2010	XXIV Gujarat Science Congress 2010	Gujarat University, Ahmedabad	State
63.	Kaushik V. Thaker	Mathematics Department	25 - 27 Dec, 2009	Gujarat Committee Mandal 46 th Annual Conference Modasa	Modasa	State
64.	Kaushik V. Thaker	Mathematics Department	20 th Dec, 2009	Introduction of Semester System	Gujarat University, Ahmedabad	Local
65.	Dr. A. K. Desai	Mathematics Department	25 - 27 Dec, 2009	Gujarat Committee Mandal 46 th Annual Conference Modasa	Modasa	State
66.	Dr. A. K. Desai	Mathematics Department	20 th Dec, 2009	Introduction of Semester System	Gujarat University, Ahmedabad	Local
67.	Dr. K. M. Kulkarni	Geography Department		Gujarat State Inter Univ. Geo. Quiz	Dept of Geography, Gujarat University, Ahmedabad.	State
68.	Dr. Shobhana K. Menon	Chemistry Department	22 - 23 Jan, 2010	Confluence of Supramolecular Chemistry and Nanoscience	GUJCOST, UGC, DST	National
69.	Dr. Shobhana K. Menon	Chemistry Department	21 March, 2010	Convenor, "XXIV – Gujarat Science Congress - 2010	Gujarat Science Academy	State
70.	Dr. N. K. Jain	Chemistry Department	22 - 23 Jan, 2010	"Confluence of Supramolecular and Nano - science" and delivered a talk entitled "Opportunities and Challenges in Supramolecular Chemistry derived from Calix - systems" in Ahmedabad	(DST), (CSIR), (DRDO), (BRNS - DAE) and GUJCOST	National

71.	Dr. Harjinder Kaur	Chemistry Department	22 - 23 Jan, 2010	Confluence of Supramolecular Chemistry and Nanoscience	GUGCOST, UGC, DST	National
72.	Dr. N. K. Jain	Life Science Department	Oct, 2009	Student Project 2009	Gujarat University, Ahmedabad.	Regional
73.	Dr. N. K. Jain	Life Science Department	06 - 08 Dec, 2009	ICEIEAE	Chemistry Department, Gujarat University, Ahmedabad.	International
74.	Dr. N. K. Jain	Life Science Department	09 th Jan, 2010	Science Excellence - 2010	Botany Department, Gujarat University, Ahmedabad	State
75.	Dr. N. K. Jain	Life Science Department	21 st March, 2010	XXIV GSC 2010	Gujarat University, Ahmedabad.	State
76.	Dr. H. C. Sardar	Commerce Department	Dec, 2009	GLS Institute of Commerce	Accounting Education & Accounting Research	State
77.	Dr. Y. T. Jasrai	Botany Department	09 th Jan, 2010	Science Excellence	GUGCOST	State
78.	Dr. Archana Mankad	Botany Department	09 th Jan, 2010	SCIXL – 2010	Gujarat University, Ahmedabad	State
79.	Dr. Archana Mankad	Botany Department	21 st March, 2010	Science Congress	GSA	State
80.	Dr. Hitesh A. Solanki	Botany Department	July, 2009	Agricultural Microbes Bioinformatics Course - 2009	Botany Department in collaboration with Kentucky University KY - USA	International
81.	Dr. Hitesh A. Solanki	Botany Department	16 th July, 2009	Documentation on and Dissemination of Grassroot Innovations and Traditional Knowledge	Department of Botany, Gujarat University, Ahmedabad	National

82.	Dr. Hitesh A. Solanki	Botany Department	8 th August 2009	Ethanobotany and Biodiversity : The Natural Biological Capital of the Earth	Shri U.P.Arts, Smt. M.G. Panchal Science & Shri V.L.Shah Commerce College, Pilavai, Gujarat	State
83.	Dr. Hitesh A. Solanki	Botany Department	07 - 12 Sep, 2009	Advances in Genetics and application of Molecular markers in BOtany	Department of Botany, Gujarat University, Ahmedabad	State
84.	Dr. Hitesh A. Solanki	Botany Department	15 - 17 Sep, 2009	National Center for Antarctic and Ocean Research and Society of Earth Science	Ministry of Earth Sciences, Govt. of India	International
85.	Dr. Hitesh A. Solanki	Botany Department	21 - 26 Sep, 2009	Taxonomy : A Classical Science of Promising Application	Department of Botany Gujarat University, Ahmedabad	State
86.	Dr. Hitesh A. Solanki	Botany Department	14 th Nov, 2009	Department of Botany Gujarat University, Ahmedabad	The M. S. University Baroda,	National
87.	Dr. Hitesh A. Solanki	Botany Department	25 th Nov, 2009	Access to e-journals	Department of Library and Information Science Gujarat University	State
88.	Dr. Hitesh A. Solanki	Botany Department	19 th Dec, 2009	New Frontiers in Life Sciences	Department of Biological and Environmental Science N.V. Patel College of Pure and Applied Science	
89.	Dr. Hitesh A. Solanki	Botany Department	20 th Dec, 2009	Introduction of Semester System	Internal Quality Assurance Cell, Gujarat University, Ahmedabad	State

90.	Dr. Hitesh A. Solanki	Botany Department	6 th Jan, 2010	Paryavaran Suraksha sponsored by International Society for Research on Civilization Diseases and Environment	S.L.U. Arts and H & P Thakore Commerce College	National
91.	Dr. Hitesh A. Solanki	Botany Department	10 th Jan, 2010	Science Excellence 2010	Department of Botany Gujarat University, Ahmedabad	State
92.	Dr. Hitesh A. Solanki	Botany Department	23 - 24 Jan, 2010	Microbes @ MGSAC 2010 Current Trends in Microbiological Sciences	M.G. Science Institute, Ahmedabad	National
93.	Dr. Hitesh A. Solanki	Botany Department	21 st March, 2010	Gujarat Science Congress	Gujarat University, Ahmedabad.	
94.	Mr. Harish M. Desai	Physical Education	19 - 20 Feb, 2010	Event Planning and Management	Physical Education Sports Management & Sports Sciences, Unja, Dist.Mehsana, Gujarat	National
95.	Mr. Harish M. Desai	Physical Education	26 - 27 Feb, 2010		National Seminar on Inclusive Growth and Development : A Social Science Perspective Gujarat University	National
96.	Mr. Harish M. Desai	Physical Education	20 - 21 Aug, 2009	National Seminar on Secularism	Sriperumbudur	National
97.	Mukesh H. Khatik	Political Science	27 - 28 June, 2009	Major Trends of Guj. Politics	Shankheswar	State
98.	Mukesh H. Khatik	Political Science	31 st Oct, 2009	Human Rights & Terrorism	V. V. Nagar	National

99.	Mukesh H. Khatik	Political Science	14 - 15 Nov, 2009	Women Reservation Politics	Nadiad	National
100.	Dr. Saraman V. Zala	Political Science	Dec, 2009	Reservation Policy in Indian Politics	C. B. Patel Arts College, Nadiad	National
101.	Dr. Saraman V. Zala	Political Science	27 - 28 June, 2009	Development Process and Politics in Gujarat	Arts College, Shankheswar	State
102.	Dr. Saraman V. Zala	Political Science	06 - 07 Nov, 2009	Identity Politics in India	Punjabi And Patvala	National
103.	Dr. R. G. Bhatt	Statistics	March, 2010	Gave key note Speech	Dept of Statistics Saurashtra University, Rajkot	National
104.	Dr. R. G. Bhatt	Statistics	25 - 26 Feb, 2010	UGC Sponsored "Import of Statistics on Science and Society	Department of Statistics M.G. Science Institute, Ahmedabad	National
105.	Dr. R. G. Bhatt	Statistics	21 st March, 2010	Treasurer in XXIV	Gujarat Science Congress Gujarat University Ahmedabad	
106.	Dr. R. G. Bhatt	Statistics	29 th June, 2009	Celebration of Statistics day in the Remembrance of Late Prof. P.C. Mahalaniobis	Dept. of Statistics and Directorate of Economic & Govt. of Gujarat Gandhinagar an N.S.S. Gujarat	State
107.	Dr. R. G. Bhatt	Statistics	Oct, 2009	SPSS and other software Packages	Dept. of Statistics and Gujarat Law Society	State
108.	Dr. C. D. Bhavsar	Statistics	21 - 23 Jan, 2010	Industrial Statistics	Jalgaon, Maharashtra University	National
109.	Dr. C. D. Bhavsar	Statistics	25 - 26 Feb, 2010	Impact of Statistics on Science & Society	M. G. Science, Ahmedabad	National

110.	Dr. Pravender	Statistics	20 th Dec, 2009	Introduction of Semester System at Gujarat University	Gujarat University, Ahmedabad	
111.	Dr. Pravender	Statistics	21 st March, 2010	XXIV Gujarat Science Congress 2010	Gujarat University, Ahmedabad	
112.	Dr. Divya Chandel	Zoology	18 th July, 2009	Teaching Zoology in the 21 st Century : The Road ahead, Ahmedabad	Gujarat University, Ahmedabad	State
113.	Dr. Kamyani V. Mathur	Psychology Department	21st Aug, 2009	Effect of Organizational Role Stress among the Managers and Clerks of the Nationalized and Private Banks	Multi - Disciplinary International Conference on Emerging Issues and Global Economic Scenario	International
114.	Dr. Kamyani V. Mathur	Psychology Department	12nd Dec, 2009	A psychological assessment of Anxiety in Overweight and Obese Adults	8 th Biennial Conference of Asian Association of Social Psychology	
115.	Dr. Kamyani V. Mathur	Psychology Department	21st Aug, 2009	Attended a 3 hour workshop on "Stop Existing and Start Living"	Multi - Disciplinary International Conference on Emerging Issues and Global Economic Scenario	International
116.	Dr. D. S. Charan	Philosophy Department	24 - 27 Oct, 2009	Re- Thinking knowledge and Reality in Social Science	84 th Indian Philosophical congress Mumbai University	National
117.	Dr. D. S. Charan	Philosophy Department	06 - 08 Nov, 2009	Paschatya Aur Paurvatya Saundaryastra Ki Tulna : Avadharnayen Aur Samasyayen	National Conference on 54 th Akhil Bhartiya Darshan Parishad Jammu University	National

118.	Dr. D. S. Charan	Philosophy Department	25th Nov, 2009	One day Awareness programme on Access to E-Journals' organized by Gujarat University and Department of Library and Information Science in Collaboration with Infilbnet Centre	Ahmedabad	State
119.	Dr. D. S. Charan	Philosophy Department	06 - 08 Dec, 2009	The solution of Contemporary Environmental Crisis Through the Indian Concept of Relationship between Man and Nature	Environmental issues in emerging and advanced Economics : Canada, India' Gujarat University, Ahmedabad	International
120.	Dr. D. S. Charan	Philosophy Department	20th Dec, 2009	Introduction of semester system	Internal Quality Assurance Cell, Gujarat University, Ahmedabad	State
121.	Dr. Y. S. Shastri	Philosophy Department	03 - 05 June, 2009	Yoga war & peace	Yoga and world peace - Karnataka University, Dharvad	International
122.	Dr. Y. S. Shastri	Philosophy Department	24 - 27 Oct, 2009	Concept of Abhav in Nyayamanjari	84 th Indian Philosophical congress Mumbai University	International
123.	Dr. Y. S. Shastri	Philosophy Department	Nov, 2009	Taoism its relevance, in modern times	Taoism - Baijing, China	International
124.	Dr. Y. S. Shastri	Philosophy Department	March, 2010	Taoism and Vedanta (Upanishad) A - comparative study	1 st Asian Philosophy congress - JNU New Delhi	International

125.	Dr. Y. S. Shastri	Philosophy Department	06th March, 2010	Co existence Islam and Buddhism	Religious co -existence – New Delhi	International
126.	Dr. Y. S. Shastri	Philosophy Department	22nd March, 2010	Principles of Buddhist management - economy & Social realm for promoting peace	Technology resource management & peace - Mumbai University	National
127.	Dr. Y. S. Shastri	Philosophy Department	15 - 17 Jan, 2010	Siksha samuchchay of Shantidev - A study	Buddhist Heritage, Gujarat M. S. University, Baroda	International
128.	Dr. Y. S. Shastri	Philosophy Department	Dec, 2009	Environmental issues	Gujarat University, Ahmedabad	International
129.	Dr. S. P. Rathor	Law Department	11th Aug, 2009	Enhancing standard of legal education and training in the State of Gujarat	Gujarat National law University, Gandhinagar	State
130.	Dr. S. P. Rathor	Law Department	06 - 08 Dec, 2009	Presented a paper as an invited speaker on Climate Change and the Law : Indo - Canadian Perspective and Chaired a session on Environment and Law	Environment issues in Emerging and advanced Economics : Canada, India	International
131.	Dr. S. P. Rathor	Law Department	20th Dec, 2009	Introduction of Semester System	Gujarat University , Ahmedabad	Local
132.	Dr. S. P. Rathor	Law Department	23 - 24 Jan, 2010	5 th annual Intellectual Property Summit	AMA, Ahmedabad.	Local
133.	Dr. S. P. Rathor	Law Department	27 - 28 Jan, 2010	Biotechnology : Food Security and Law : International and National Perspective	Law Society and Biotechnology interface : Emerging issues is North Western Region	National

134.	Dr. S. P. Rathor	Law Department	21st March, 2010	Biotechnology Human Genome and Human Dignity : International Law Perspective	XXIV Gujarat Science Congress 2010	State
135.	Hiren D. Joshi	Computer Science	20th Dec, 2009	Introduction to semester system	Internal Quality Assurance Cell, Gujarat University, Ahmedabad	State
136.	Hiren D. Joshi	Computer Science	5th Dec, 2009	Faculty Development Programme	ICFAI University, Ahmedabad	State
137.	Hiren D. Joshi	Computer Science	25th Nov, 2009	One day Awareness programme on Access to E - Journals	Gujarat University Library Department of Library and Information Science and INFLIBNET Gujarat University, Ahmedabad	State
138.	Hiren D. Joshi	Computer Science	Feb, 2010	Network Security	Dept. of Computer Science, Rollwala Computer Centre, Gujarat University, Ahmedabad	State
139.	Dr. Jyoti Pareek	Computer Science	Nov, 2009	Attended	An Introduction to Natural Language Processing, Department of Linguistics, Gujarat University, Ahmedabad	State
140.	Dr. Savita R. Gandhi	Computer Science	15th Nov, 2009	Blogging boon or bane gave key note address	Blogging boon or bane IETE Nov, 2009 held at AMA, Ahmedabad	National

141.	Dr. Savita R. Gandhi	Computer Science	Nov, 2009	Attended	An Introduction to Natural Language Processing, Department of Linguistics, Gujarat University, Ahmedabad	State
142.	Dr. Savita R. Gandhi	Computer Science	06 - 08 Dec, 2009	Effect of Computer evolution and mobile technology on living kingdom	Environmental issues in Emerging and advanced Economies (ICEI - 09) Canada, India, held at AMA, Ahmedabad	International
143.	Dr. Savita R. Gandhi	Computer Science	10th Jan, 2010	Latest Trends in IT Guest Lecture	Uma Arts & Nathiba Commerce College, Gandhinagar	State
144.	Dr. Savita R. Gandhi	Computer Science	30 - 31 Jan, 2010	Chaired a Session	Women's Development in 21 st Century, Gujarat University, Ahmedabad	National
145.	Dr. Savita R. Gandhi	Computer Science	02 - 03 Jan, 2010	Gave Keynote address "Digital Signature"	Perspective on Information Technology sector" and "Inter College Computer Quiz Contest" HK Arts College, Ahmedabad	State
146.	Dr. Savita R. Gandhi	Computer Science	18 - 19 March, 2010	Member Panel Discussion	Women in Science held at AMA, Ahmedabad.	National
147.	Dr. Kartik M. Bhatt	Economics	20 - 21 March, 2010	Sustainable Development of Gujarat - Success or failure?	L.D. Arts College, Ahmedabad	National
148.	Dr. Hina Sidhu	Economics	20 - 21 March, 2010	Sustainable Development of Gujarat - Success or failure?	L.D. Arts College, Ahmedabad	National

149.	Dr. H. A. Modi	Life Science	23 - 24 Jan, 2010	Current Trends in Microbiological Science	M G Science Institute Ahmedabad	National
150.	Dr. H. A. Modi	Life Science	05 - 07 Dec, 2009	50th Annual Conference of Association of Microbiologists of India	National Chemical Laboratory, Pune	National
151.	Dr. H. A. Modi	Life Science	01 - 03 Dec, 2009	Bhartiya Vigyan Sammelan and Expo - 2009	Devi Ahilya University, Indore	National
152.	Dr. Sobhana K. Menon	Chemistry	06 - 08 Dec, 2009	Environmental issues in the emerging and Developed Countries India, Canada	Gujarat University, Ahmedabad	International
153.	Dr. Usha Pal	Chemistry	22 - 23 Jan, 2010	Confluence of Supramolecular Chemistry & Nano Science, Gujarat University	Synthesis of poly lactic acid and poly glycolic acid biodegradable polymers using magnesium oxide nano particles	National
154.	Dr. Usha Pal	Chemistry	22 - 23 Jan, 2010	Confluence of Supramolecular Chemistry & Nano Science, Gujarat University	Microwave assisted synthesis of biaryls using pal Nanoparticles	
155.	Dr. V. K. Jain	Chemistry	04 - 07 Feb, 2010	Indian Institute of Chemical Technology, Hyderabad	Participated in 12th CRSI National Symposium in Chemistry and 4th CRSI – RSC Symposium in Chemistry	National
156.	Dr. V. K. Jain	Chemistry	05 - 08 Jan, 2010	Department of Chemistry University of Delhi	Participated and chair one of the scientific sessions in T3D - 2010 international Symposium on Trends in Drug Discovery and Development	International

157.	Dr. V. K. Jain	Chemistry	17 - 19 Dec, 2009	Department of Chemistry St. John's College, Agra, India	Delivered an invited talk entitled Environmental Friendly Synthesis of Functionalized Supramolecules Derived from Calixarenes and their application to Separate Toxic and Trace Metals from Natural and Synthesis Samples in recent advances in Environmental Protection	International
157.	Dr. V. K. Jain	Chemistry	10 - 11 Dec, 2009	Department of Chemistry University of Delhi	Participated and chair one of the Scientific sessions in 6th Indo - Italian Chemistry and Biology of Antioxidants	International
158.	Dr. V. K. Jain	Chemistry	9th Dec, 2009	Department of Chemistry University of Delhi	Indo Italian Seminar on Green Chemistry	International
159.	Dr. V. K. Jain	Chemistry	06 - 08 Dec, 2009	Department of Chemistry and James Reaney Canadian Centre, Gujarat University, Ahmedabad	Environmental issues in emerging and advanced economies : Canada and India	International
160.	Dr. V. K. Jain	Chemistry	25th Nov, 2009	Gujarat University Library and INFLIBNET Centre Ahmedabad	One awareness programme on access to E-journals	State
161.	Dr. V. K. Jain	Chemistry	3rd March, 2009	Department of Chemistry University of Delhi, Delhi	Indo German Symposium on Supramolecular Chemistry	International

162.	Pranav S. Shrivastav	Chemistry	11 - 14 Oct, 2009	PBA 2009 Florida, USA	Sensitive and rapid bioequivalence study	International
163.	Pranav S. Shrivastav	Chemistry	01 - 04 March, 2010	SESTEC - 2010 Kalpakkam, Chennai	Chromatography separation tandem mass spectrometry	National
164.	Dr. Charulata V. Vyas	Chemistry	06 - 08 Dec, 2009	Department of Chemistry and James Reaney Canadian Centre, Gujarat University, Ahmedabad	Environmental issues in emerging and advanced economies : Cananda and India	International
165.	Dr. Charulata V. Vyas	Chemistry	22 - 24 Feb, 2010	Punjab University Patiala	Symposium on emerging trends in Forensic Science	International
166.	Dr. Harjinder Kaur	Chemistry	06 - 08 Dec, 2009	Department of Chemistry and James Reaney Canadian Centre, Gujarat University, Ahmedabad	Environmental issues in emerging and advanced economies : Cananda and India	International
167.	Dr. Ashwin Jansari	Psychology	21st Nov, 2009	Value based higher education in Ahmedabad	Key role of Teacher in Value Education	National
168.	Dr. Ashwin Jansari	Psychology	06 - 08 Dec, 2009	Environmental issue Ahmedabad	Role of Environmental Psychology in Environmental issue	International
169.	Dr. Ashwin Jansari	Psychology	31 - 31 Jan, 2010	Women Development in 21st Century	Psychology as of women	National

170.	Dineshkumar J. Panchal	Psychology	11 - 12 Sep, 2009	Chetnal Institute of Management and research Bandra, Mumbai	Stress Management	National
171.	Dineshkumar J. Panchal	Psychology	25th Nov, 2009	Department of Library and Information Science Gujarat University, Ahmedabad	Access to E-Journals	State
172.	Dineshkumar J. Panchal	Psychology	12 - 13 Dec, 2009	Life Mission Ras - Ray eshworvatham Limbdi, Dis. Surendranagar	Mental Health & Counselling	National
173.	Dineshkumar J. Panchal	Psychology	20th Dec	Shree Sahjanand Arts College, Ahmedabad	Psychology	State
174.	Dineshkumar J. Panchal	Psychology	17th Jan, 2010	Department of Linguistics Gujarat University, ahmedabad	Emergence of Reading in Language Department & Developmental Dyslexia	State

Table - 8
DETAILS OF PARTICIPATION OF FACULTY MEMBERS IN REFRESHER
COURSES DURING 2009 - 10

Department	Refresher
Library & Information Science	01
B. K School of Business Management	01
Political Science	01
Labour Welfare	01
Zoology	01
Life Science	05
Botany	09
Commerce	01
Psychology	03
Journalism	02

Table - 9
REFRESHER COURSE CO-ORDINATED BY VARIOUS DEPARTMENTS AND
SCHOOLS OF THE UNIVERSITY UNDER THE AEGIS OF THE ACADEMIC
STAFF COLLEGE DURING 2009 - 10

Area / Department	No. of Participants
Gujarati	24
I.C.T. Application / Computer Science Department	37
Chemistry	31
Research Methodology / Languages	40
Library Science	31
Economics	24
Commerce	33
Environmental Studies	28
Education	27
Comparative Literature / English	52
Research Methodology / Social Science	44

8. SEMINAR AND GUEST LECTURES

- (i) Botany Department in collaboration with Microbiology Department , ASM & ABC organized a Summer Training on Agricultural Microbial Bioinformatics from **27 June to 4 July, 2009**, in which there were 150 participants and part funding was provided by Gujarat University Botanical Society on Botany Department.
- (ii) One day Seminar was organized by the Statistics Department jointly with Directorate of Economics & Statistics, Government of Gujarat, Gandhinagar and N.S.S.O., Gujarat State in remembrance of late Prof. P. C. Mahalaniobis on **29 June, 2009**.
- (iii) One day State Level Seminar on Scouting and Documentation of Tradition Knowledge organized on **16 July, 2009** by Botany Department in collaboration with NIF in which 350 persons participated.
- (iv) A workshop was conducted by N. G. Nadkarni in the Mathematics Department, supported by G. R. Desai Foundation on An Investors Walk on **21 August, 2009** in which 60 students participated. Anil Panchal was awarded the Eklavya Prize, Gold Medal and Certificate.
- (v) Two State Level Mathematics Competitions for Post Graduate students were organized by Mathematics Department on **23 August, 2009** in which 45 students participated and Prizes and Certificates were awarded to Rankers and Qualifiers. This programme was supported by Professor A. R. Rao Foundation.
- (vi) Botany Department organized workshop on Advances In Genetics and Applications of Molecular Markers in Botany on **7 to 9 September, 2009** in which 60 persons participated.
- (vii) Student project convention organized by Botany Department on **3 October, 2009** in collaboration with Gujarat University Botany Society in which 362 student participated.

- (viii) One day State Level Seminar on “SPSS and other Software Packages” was organized by Statistics Department jointly with Gujarat Law Society, Ahmedabad on **October, 2009**.
- (ix) The Linguistics Department held a workshop on NLP held at Gujarat University, Ahmedabad, in Collaboration with LDC - IL (language Data Consortium of Indian Languages), CIIL (Central Institute of Indian Languages), Mysore from **16 to 21 November, 2009**.
- (x) Two day International Conference on Environmental Issues in the emerging and developed countries “India, Canada organized by Chemistry, Life Science and English Departments on **6 to 8 December, 2009**.
- (xi) A seminar on “**Indian Foreign Policy and South Asian Security**” was organized by Gujarat University in collaboration with Gujarat national Law University and M.S.University, Vadodara on **9 December, 2009**. A special address by Shri Sudhir Devara, a career diplomat of the Indian Foreign Service was made on Indian Foreign Policy during this seminar.
- (xii) Science Excellence conclave organized by Botany Department in collaboration with Life Science, Mathematics, Physics Department on **9 January, 2010** in Collaboration with GUJCOST & Gujarat University Botany Society in which 908 students from graduate to research level participated.
- (xiii) A two day national seminar was organized by English Department on **10 & 11 January, 2010** with the financial support from under UGC grant. 50 Academician participated in it.
- (xiv) The Linguistics Department held a workshop on Dyslexia at Gujarat University, Ahmedabad, in Collaboration with Speech and Hearing Association, Ahmedabad Branch and James Remedy Canadian Study Centre, Ahmedabad, on **17 January, 2010**.

- (xv) National seminar on Confluence of Supramolecular Chemistry and Nano Science organized by Chemistry Department on **22 & 23 January, 2010**.
- (xvi) The women's Development Cell has been very active in taking up issues related to the welfare of women employees of the university and affiliated colleges. It organized a seminar on "**Women's Development in the 21st Century**" on **30 January, 2010** in which several eminent speakers gave addresses to a wide range of women related subjects such as health, entrepreneurship, legal rights etc.
- (xvii) The Linguistics Department conducted seminar on "Mother Tongue Teaching and Language Policy" in collaboration with WRLC, Pune, on **25 & 26 February, 2010**.
- (xviii) A National Level Two day Seminar was organized by Labour Welfare, Political Science, Sociology Department on **26 & 27 February, 2010** on "Inclusive Growth and Development" a Social Science perspective which was attended by 60 participants and coded through UGC unassigned grant.
- (xix) One State Level Seminar on Current Trends in Physics was organized by Physics Department on **14 March, 2010** with 200 participants.
- (xx) XXIV Gujarat Science Congress at State level organized by Chemistry, Life Science, Mathematics, Physics Department on **21 March, 2010** along with ISRO, PRL, DST, GUJCOST in which 150 Researchers participated.
- (xxi) One day State Level competition "GEO QUIZ" organized by Geography Department for students in collaboration with Gujarat Geographical Association.
- (xxii) A State Level One day Seminar was organized by Sociology Department on "Five Decades of Gujarati Society" in which there were 70 participants, funded by UGC.

(B) GUEST LECTURES SERIES

- (i) Dr. Hari Om Vats delivered a popular top on “ Total Solar Eclipse” on **14 July, 2009** in Physics Department which was attended by 100 persons.
- (ii) In September 2009 an eminent lecture was delivered at the University by **Dr.Sayed Hasnain, Vice - Chancellor, Hyderabad University and Scientific Advisor to the Prime Minister.**
- (iii) One Guest Lecture on Gandhian Philosophy delivered by American Gandhi, Bernie Meyer on **13 October, 2009** at Philosophy Department.
- (iv) Two Guest Lectures were delivered by Shri Shrirajbhai Patel from London and Shri Adambhai Godiwala on **8 December, 2009** at History Department which was attended by 80 students and Faculty.
- (v) Professor Ridhi Shah of J. N. U delivered a lecture on Distal And Erotic Actions of Groups at Mathematics Department under the aegis of Indian Mathematical Society on **25 January, 2010** which had 40 participants.
- (vi) Professor S. S. Sane delivered a lecture at Mathematics Department on Strongly Regular Graphs in **February, 2010** for which financial support was provided by J. J. Chinoy Fund.
- (vii) One Guest Lecture on Philosophy of Advait Vedanta and Practical Relevance of Advait Philosophy delivered by H. H. Maharshi Shrimad Kardamacharya, on **12 March, 2010** at Philosophy Department.
- (viii) 14 Lecture series was organized by History Department during the year with documentary film and slide show.
- (ix) **SHRI KAPIL SIBAL, HON’BLE MINISTER, HUMAN RESOURCE DEVELOPMENT,** paid a special visit to the University and addressed the faculty and staff of the university on Higher Education in India.

(C) OTHERS

- (i) B. K. School of Business Management organized “Management Day” in collaboration with IIPC having 80 participants.
- (ii) A Management Development programme was organized by B. K. School of Management for 21 Days in collaboration with ISIC with 60 participants.
- (iii) Exhibition on Important Documents and Photographs organized by History Department in collaboration with Gujarat State Archives on **4 September, 2010**.
- (iv) Three student seminars on “Pi is irrational”, “Fundamental Theorem of Arithmetic” and “Applications of BAIRE Category Theorem” by Nityangini Shah, Shweta Singal and Bhoomika Maheshwari were delivered on **19 September and 22 December, 2009** in Mathematics Department.

9. RESEARCH PROJECTS

Details of the newly started and ongoing research projects are given in Table Nos.

10 and 11 below

Table - 10

RESEARCH PROJECTS STARTED DURING THE YEAR 2009 - 10

Sr. No.	Name	Department	Name of the Project	Name of Funding Agency	Amount	Tenure
1.	Dr. Vasudev Modi	B. K. School of Business Management	Entrepreneurship Development	AICTE	6 Lakhs	5 Years
2.	Dr. R. B. Jotania	Physics	Synthesis, Characterization and Microstructural properties of some magnetic nano - particles	GUJCOST	4,45,000	2009 - 2011
3.	Dr. Deepti Tripathi Dr. M. E. James	Physics	Of the spatial and temporal variability of trace gases and Aerosols over Indian Subcontinent using Space Based Measurements	ISRO	8.5 Lakhs	2 Years
4.	Dr. V. A. Rana	Physics	Study of Dielectric Relaxation and Molecular Interaction in Binary Mixtures of Associative + molecules	UGC	6,85,800	3 Years
5.	Dr. N. K. Jain	Life Science	Biological adjuvant effect of Mycobacterium	Private Research Centre		3 Years

6.	Dr. N. K. Jain	Life Science	Studies on vermin compose with selected plants	Private Research Centre		
7.	Dr. N. K. Jain	Life Science	Polency of Bone marrow Human disorder	Private Research Centre & Hospital		
8.	Dr. Usha Pal	Chemistry	Preparation and characterization of metal oxide nanoparticles and application for catalysis	UGC	95,000	2 Years
9.	Dr. V. K. Jain	Chemistry	Novel supramolecular ditopic receptors based on calyx [4] pyrrole macrocycles and their derivatives, for ion pair recognition and simultaneous separation and preconcentration of cationic and anionic guests	UGC	9.74 Lakhs	3 Years
10.	Dr. V. K. Jain	Chemistry	Supramolecular assemblies : Nanomedicine and Nanotechnology Prec oncentration Separation and recovery of Toxic metals	GUJCOST	3.27 Lakhs	

11.	Dr. Y. T. Jasrai	Botany	Documentation of Indigenous Knowledge of Gujarat Forest	Research in Forestry as Wildlife, GERI, Gandhinagar	9.61 Lakhs	2009 - 2011
12.	Dr. Y. T. Jasrai	Botany	Isolation of AM Fungi Associated with selected plants semi drift Regions of Gujarat and AM Gene - Bank	UGC	8.43 Lakhs	
13.	Dr. H. A. Pandya Dr. Y. T. Jasrai	Botany	Promotion of more Atonal fruit Consumption in Gujarat	State Medicinal Plant Board, Gandhinagar	5.15 Lakhs	2010 - 2011
14.	Dr. H. A. Pandya Dr. Y. T. Jasrai	Botany	Facilitation through Hydrological Coastal Habitat Modifications in Gulf of Khambhat (Cambay) : An Exhaustive Inventory for Native Plant Diversity and Soil Dynamics	OSTC	15.98 Lakhs	2010 - 2013
15.	Dr. H. A. Solanki	Botany	Measurement of Inherent Optical Properties (IOPs) of Sea Water and Development of Satellite Based Inversion Algorithms	ISRO	13.5 Lakhs	3 Years
16.	Kirtida Shah	Gujarati	Gujarati Corpora	Govt. of India	23 Lakhs	3 Years

Table - 11
ONGOING RESEARCH PROJECTS

Sr. No.	Name	Department	Name of the Project	Name of Funding Agency	Amount	Tenure	Details
1	Dr. N. K. Jain	Life Science	Biological ... adjuvant effect of Mycobacterium	Private Research Centre	N.A.	2 Years	2009
2	Dr. N. K. Jain	Life Science	Studies on Vermi Compose ... with selected Plants	Private Research Centre	N.A.	2 Years	2009
3	Dr. N. K. Jain	Life Science	Polency of Bonemarrow Human discorder	Private Research Centre & Hospital	N.A.	2 Years	2009
4	Dr. A. V. Bhandari	Linguistics	Gujarati Thesaurus	Guj. Cont.	10 Lacs	2 Years	
5	Dr. R. B. Jotania	Physics	Synthesis, characterization and Macrostructural properties of some magnetic nano particles	GUJCOST	4.45 Lacs	2 Years	
6	Dr. S. K. Menon	Chemistry	Super Molecular Chemistry : Application to Dyes and Metal Clusters	UGC, SAP, New Delhi	50 Lacs + 20 Lacs for Infrastruc ture facilities	5 Years	2007 - 2012
7	Dr. Usha Pal	Chemistry	Preparation and characterization of metal and metal oxide nanoparticles and applications for catalysis	UGC	95,000	2 Years	1st Feb,09 (w.e.f.)

8	Dr. V. K. Jain	Chemistry	Novel Supramolecular ditopic receptors based on calix (4) pyrrole macrocycles and their derivative for ion pair recognition and simultaneous separation and preconcentration of cationic and anionic guests	UGC	10 Lacs	3 Years	
9	Dr. H. D. Patel	Chemistry	“Chiral synthesis of N & O/S hetero atoms containing compounds by microwave assisted for green chemistry aspect and their anticancer, antitubercular and antimalarial activities” - Minor Research Project funded by UGC - March, 2008	UGC	1 Lac	2 Years	
10	Dr. M. V Rao	Zoology	Fluoride Research	UGC	10 Lacs	3 Years	
11	Dr. L.B.G	Zoology	Major Project	UGC	8.79 Lacs	3 Years	
12	Dr. R. J. Verma	Zoology	Rajiv Gandhi	UGC	8 Lacs	3 Years	
13	Dr. R. J. Verma	Zoology	R. Birla Smarak Kosh	R. Birla Smarak Kosh	1.5 Lacs	3 Years	

14	Dr. Y. T. Jasrai	Botany	Fist Program	DST New Delhi	23 Lacs	5 Years Major Project	2007 - 08 to 2011 - 12
15	Dr. U. C. Pande	Chemistry	Fist Program	DST New Delhi	80 Lacs	5 Years Major Project	2007 - 08 to 2011 - 12
16	Dr. V. M. Raval	Physics	Fist Program	DST New Delhi	91 Lacs	5 Years Major Project	2007 - 08 to 2011 - 12
17	UGC Special Assistance Programme - II	Chemistry		UGC	50 Lacs	SAP Programme	2007 - 08 to 2011 - 12
18	Dr. Y. T. Jasrai	Botany	Field Survey for Forest Resources in Gandhinagar Division	Working Plan Circle, Forest Dept., Vadodara	10.50 Lakhs	2008 - 2010	

10. PATENTS GENERATED

During the year no patents were generated in the University.

11. NEW COLLABORATIVE RESEARCH PROGRAMMES

During the year, seven new collaborative research programmes were started whose details are given in Table - 12 below.

Table - 12

NEW COLLABORATIVE RESEARCH PROGRAMMES

Sr. No.	Name of the Faculty	Title of the Project	Collaboration Details	Funding	Total Value in Rs.	Duration
1	Dr. R. B. Jotania, Physics Department	Synthesis, Characterization and Microstructural properties of some magnetic nano - particles	GUJCOST	GUJCOST	4,45,000	2009 - 2011
2	Dr. Deepti Tripathi Dr. M. E. James Physics Department	Of the spatial and temporal variability of trace gases and Aerosols over Indian Subcontinent using Space Based Measurements	ISRO	ISRO	8.5 Lakhs	2 Years
3	Dr. N. K. Jain Life Science Department	Biological adjuvant effect of Mycobacterium	Private Research Centre	Private Research Centre		3 Years
4	Dr. N. K. Jain Life Science Department	Studies on vermin compose with selected plants	Private Research Centre	Private Research Centre		

5	Dr. N. K. Jain Life Science Department	Polency of Bone marrow Human discorder	Private Research Centre & Hospital	Private Research Centre & Hospital		
6	Dr. V. K. Jain Chemistry Department	Supramolecular assemblies : Nanomedicine and Nanotechnology, Preconcentration, Separation and recovery of Toxic metals	GUJCOST	GUJCOST	3.27 Lakhs	
7	Dr. Y. T. Jasrai Botany Department	Field Survey for Forest Resources in Gandhinagar Division	Working Plan Circle, Forest Department, Vadodara	Working Plan Circle, Forest Dept., Vadodara	10.50 Lakhs	2008 - 2010
8	Dr. Y. T. Jasrai Botany Department	Documentation of Indigenous Knowledge of Gujarat Forest	Research in Forestry as Wildlife, GERI, Gandhinagar	Research in Forestry as Wildlife, GERI, Gandhinag ar	9.61 Lakhs	2009 - 2011
9	Dr. H. A. Pandya Dr. Y. T. Jasrai Botany Department	Promotion of more Atonal fruit Consumption in Gujarat	State Medicinal Plant Board, Gandhinagar	State Medicinal Plant Board, Gandhinagar	5.15 Lakhs	2010 - 2011

10	Dr. H. A. Pandya Dr. Y. T. Jasrai Botany Department	Facilitation through Hydrological Coastal Habitat Modifications in Gulf of Khambhat (Cambay) : An Exhaustive Inventory for Native Plant Diversity and Soil Dynamics	OSTC	OSTC	15.98 Lakhs	2010 - 2013
11	Dr. H. A. Solanki Botany Department	Measurement of Inherent Optical Properties (IOPs) of Sea Water and Development of Satellite Based Inversion Algorithms	ISRO	ISRO	13.5 Lakhs	3 Years

12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES DURING THE YEAR 2009 - 10

An amount of **Rs. 1,41,12,587.00** was received as research grant from various agencies. The full details of the grants received are given Table - 13 below.

Table - 13
RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES DURING THE YEAR 2009 - 10

Sr. No.	Name of Project	Name of Investigator / Department	Funding Agency	Amount Received
1.	G.M.D.C. Project	Dr. S. R. Dave Microbiology Department	State	2,60,000=00
2.	Field Survey Project	Dr. Y. T. Jasrai Botany Department	State	2,80,000=00
3.	I. P. R. Cell Gujcost	Dr. Y. T. Jasrai Botany Department	State	2,50,000=00
4.	G. R. S. Research Project	Dr. Y. T. Jasrai Botany Department	State	1,44,150=00
5.	Center for Excellence	Dr. Y. T. Jasrai Botany Department	State	2,90,000=00
6.	Gujcost project	Dr. V. K. Jain	State	1,64,000=00
7.	Gujcost Project	Dr. R.B Jotania Physics Department	State	3,02,000=00
8.	Gujarat Ecology Commission	Dr. Y.T Jasrai Botany Department	State	4,01,417=00

9.	Shai Tech Project	Dr. Hitesh Patel	State	25,000=00
10.	Shai Tech Project	Dr. Utpal Joshi Physics Department	State	25,000=00
11.	DST Wos Project	Dr. Anupashih	Central	5,86,000=00
12.	DST Project "Narmada Windo"	Dr. S.R Dave Microbiology Department	Central	4,00,000=00
13.	G.R.C SAC Project	Dr. L.B George Zoology Department	Central	1,00,000=00
14.	G.R.C SAC Project	Dr. M.A James Physics Department	Central	1,90,000=00
15.	G.R.C SAC Project	Dr. Hitesh Solanki Botany Department	Central	1,00,000=00
16.	G.R.C SAC Project	Dr. Y.T Jasrai Botany Department	Central	1,00,000=00
17.	SAC Project	Dr. Deepti Tripathi Physics Department	Central	4,00,000=00
18.	Rajiv Gandhi National Fellowship		U.G.C	51,50,000=00
19	Research Grant	Dr. J.C.Patel	U.G.C	4,00,000=00
20	Junior Research Scholarship			5,00,000=00
21	U.G.C Mager Research Project	Dr. L.B Gorge Zoology Department	U.G.C	6,82,800=00
22	U.G.C Mager Research Project	Dr. V.A Rana Physics Department	U.G.C	4,76,800=00

23	U.G.C Mager Research Project	Dr. Y.T Jasrai Botany Department	U.G.C	5,95,500=00
24	U.G.C Mager Research Project	Dr. J.S Joshi	U.G.C	6,53,400=00
25	U.G.C Minor Research Project	Dr. Divya Chandel	U.G.C	90,000=00
26	U.G.C Minor Research Project	Dr. Harjinder Kour	U.G.C	1,10,000=00
27	U.G.C Minor Research Project	Dr. Nita Shah	U.G.C	55,000=00
28	Research Fellowship, CSIR		Others	2,14,100=00
29	CSIR Project	Dr. V.K Jain	Others	1,55,420=00
30	Intex Project	Dr. L.B Gorge Zoology Department	Others	2,67,000=00
31	DAE BRNS Project	Dr. Utpal Joshi Physics Department	Others	10,000=00
32	A.I. C.T.E Project	Dr. V.A Modi	Others	6,00,000=00
33	I.U.A.C Project	Dr. R.B. Jotania Physics Department	Others	1,35,000=00
	Total			1,41,12,587=00

13. DETAILS OF RESEARCH SCHOLARS AND RESEARCH GUIDES

All the relevant details are given in the following Tables No. 14 to 16

Table - 14
TOTAL Ph.D. GUIDES IN THE UNIVERSITY

Sr. No.	Faculty	Subject	Number of Guides
1	Arts	Economics	06
2	Arts	English	05
3	Arts	Geography	01
4	Arts	Gujarati	05
5	Arts	Hindi	08
6	Arts	History	04
7	Arts	Indian Culture	02
8	Arts	Labour Welfare	02
9	Arts	Linguistics	02
10	Arts	Persian	01
11	Arts	Philosophy	04
12	Arts	Physical Education	03
13	Arts	Physiology	01
14	Arts	Prakrit	02
15	Arts	Psychology	02
16	Arts	Sanskrit	12
17	Arts	Sociology	03
18	Commerce	Accountancy	01
19	Commerce	Finance & Accounts	01
20	Commerce	Management	02
21	Commerce		01
22	Education	Education	07
23	Law	Law	02
24	Medicine	Anatomy	01
25	Medicine	Biochemistry	03
26	Medicine	Conservative Dentistry	01
27	Medicine	ENT	01

28	Medicine	Forensic Medicine	01
29	Medicine	General Medicine and Therapeutics, Cardiology	01
30	Medicine	General Surgery	01
31	Medicine	Life Science	01
32	Medicine	Medicine	03
33	Medicine	Microbiology	03
34	Medicine	Occupational Health	01
35	Medicine	Ophthalmology	01
36	Medicine	Orthopaedics	02
37	Medicine	Pathology	02
38	Medicine	Pharmacology	03
39	Medicine	Physiology	02
40	Medicine	Physiotherapy	01
41	Medicine	Surgery / Hospital & Hith Mgmt / Journalism	01
42	Science	Biochemistry	02
43	Science	Botany	03
44	Science	Chemistry	07
45	Science	Computer Science	02
46	Science	Geology	01
47	Science	Life Science	08
48	Science	Mathematics	01
49	Science	Microbiology	03
50	Science	Physics	27
51	Science	Statistics	03
52	Science	Zoology	04

Table - 15
NEW Ph.D. STUDENTS ENROLLED IN 2009 - 10

Sr. No.	Faculty	Subject	Number of Guides
1	Arts	Economics	06
2	Arts	English	04
3	Arts	Journalism & Mass Media	02
4	Arts	Gujarati	07
5	Arts	Hindi	14
6	Arts	History	10
7	Arts	Indian Culture	03
8	Arts	Philosophy	02
9	Arts	Physical Education	06
10	Arts	Prakrit	01
11	Arts	Sanskrit	06
12	Arts	Sociology	04
13	Commerce	Accountancy	03
14	Commerce	Finance	01
15	Commerce	Business Management	02
16	Commerce	Statistics	01
17	Law	Law	03
18	Engineering	Computer Science	01
19	Education	Education	20
20	Medicine	Physiotherapy	01
21	Medicine	Medicine	01
22	Medicine	Pharmacology	02
23	Medicine	Conservative Dentistry	01
24	Pharmacology	Pharmacology	01
25	Science	Botany	01
26	Science	Chemistry	13
27	Science	Life Science	03
28	Science	Mathematics	04
29	Science	Microbiology	04
30	Science	Physics	05
31	Science	Statistics	03
32	Science	Zoology	06
	Total		141

Table - 16
DETAILS OF DEPARTMENTAL Ph.D. SCHOLARS

Sr. No.	Center	Name of Guide	Registered Scholars		Registered scholars with scholarship & fellowship	No. of research scholars submitted thesis during the year	No. of research scholars awarded degree during the year	Employment status of Research scholar
			In the current year	Prior to Current year				
1.	English Department	---	03	02	---	02	02	All Time Full - time Associate
2.	Gujarati Department	---	---	---	---	03	---	---
3.	Linguistics Department	Dr. A. B. Bhandari	---	03	---	---	---	---
4.	Law Department		11	---	---	02	01	---
5.	Botany Department		01	01	---	03	01	---
6.	Chemistry Department		04	02	05	02	02	Employed in Pharmaceutical Company
7.	Chemistry Department		02	01	02	01	01	All Employed
8.	Chemistry Department		02	02	01	---	02	Pharma R & D Industry

9.	Chemistry Department		---	04	01	02	---	Dr. Deepak Jain is currently heading the Bioanalytical division of Sun Pharma, Vadodara
10.	Geography Department		01	05	---	---	---	Salt Industry in Gujarat "A Geographical Analysis"
11.	Life Science Department	Dr. N. K. Jain	03	---	Sponsored	---	---	---
12.	Life Science Department	Dr. H. A. Modi	---	03	---	---	---	---
13.	Mathematics Department		01	03	---	02	02	1 ISRO 1 SITM
14.	Physics Department	Dr. P. N. Gajjar	01	---	---	---	---	100%
15.	Physics Department	Dr. R. B. Jotania	01	---	---	01	01	Lecturer Nirma
16.	Statistics Department		01	02	---	03	01	---
17.	Zoology Department	Prof. M. V. Rao	03	04	04	02	02	All Unemployed
18.	Zoology Department	Prof. R. J. Verma	02	04	02	01	01	All Unemployed
19.	Zoology Department	Dr. H. N. Highland	03	---	---	---	---	All Unemployed
20.	Zoology Department	Dr. L. B. George	03	---	---	---	---	All Unemployed
21.	Economics Department	Dr. Kartik Bhatt	16	75	---	02	---	Lecturers

22.	Social Science Department	Dr. A. B. Shah	03	05	04	02	02	---
23.	Social Science Department	Dr. Arun Vaghela	---	---	03	---	---	---
24.	Labour Welfare Department		---	01	---	01	---	Assistant Manager, AMC
25.	Labour Welfare Department		---	01	---	---	---	Labour Welfare, Gujarat University, Ahmedabad
26.	B. K. School of Business Management		06	06	---	---	---	---
27.	Sociology Department		---	02	---	03	01	Working

14. CITATION INDEX AND IMPACT FACTOR

Tables No's 17 to 19 provide the details of the publications of the faculty and table No. 20 gives the information about citation index and impact factor related to the publications of the faculty members .

Table No. 17

Details of Publications of Faculty : Articles in Books

Sr. No.	Name of Faculty / Department	Name of Article	Name of Book & Publisher / ISBN No.	Editors	Co - Authors if any	Level
1.	Dr. Savita Gandhi, Computer Science	A survey of intrusion detection in mobile adhoc networks	Proc. NCIS 2008 - 09, Ikon Books ISBN 9788190849746		Akshay Agarwal & Nirbhay Chaubey	National
2	Leena Badshah, Sociology	Be pedhi vacche nu antar	Stree siddhi na sopano, Gujarat Kelavani Mandal	Dhruman Diwanji, Preeti Shah, C. K. Raval		Local
3	Leena Badshah, Sociology Department	Mahila ni Badalti oolakh	Samajkaran, Gujarat Samajik mukhpatra	Ramesh Shah, Vidhyut Joshi, Siddharth Bhatt		Local
4	Dr. P. N. Gajjar, Physics Department	Enharmomic contribution in the study of vibrational thermodynamic properties of AL & Pb	Proceeding of solid state Physics Symposium, (India), 54 (759 - 760, 2009), 9788183720540		V. R. Shah	National

5	Dr. P. N. Gajjar, Physics Department	On some properties of SixGex semi conductors	Proceeding of solid state Physics Symposium, (India), 54 (961 - 962, 2009), 9788183720441		P. S. Vyas, B. Y. Thakor, A. R. Jani	National
6	Dr. K. M. Kulkarni, Geography Department	Globalization and its Impacts on Indian Society	Globalization - issues and Challenges, 209 - 220		Nand Kumar Sawant it al	International
7	Dr. Y. S. Shastri, Philosophy Department	Yoga for the new millenium		B. P. Siddhashra		National
8	Dr. D. S. Charan, Philosophy Department	Sankalp Swatantrya	Gujarati Vishwakosh 2009			State
9	Dr. Saloni N. Joshi, Prakrit / Pali Department	Prakrit sahitya mein Sheel kathayan	Prakrit Literature and Indian Tradition, 9878186111352	Radhavallabh Tripathi		National

10	Dr. H. A. Solanki, Botany Department	Prosopis Juliflora (Swartz) DC as fire wood plant	Proceeding of national symposium of Prosopis : Ecological, Economics Significance and Management Challenges		Gunjan & Sumesh	National
11	Dr. Darshan G. Trivedi, English Department	Of Femal Bonding, A study of Shashi Deshpande's the binding wine and small remedies	20th century Indian Fiction	A. R. Shukla		National
12.	Dr. Darshan G. Trivedi, English Department	Celebration of violence, A study of Vijay Tendulkar's Vultures	20th century Indian Drama	A. R. Shukla		National
13	Dr. Darshan G. Trivedi, English Department	a) Creative writers of Gujarat b) Gujarati Dalit Literature	Multicultural Literature in India, Critical Perceptions Volume - I	N. D. R. Chandra		National
14	Dr. Ashwin Jansari, Psychology Department	Suicide : Case, Prevention & Roll of Teacher	Psychology - II, 9380101503	Dr. Ashwin Jansari		State

15	Dr. Jyoti Pareek, Computer Science	Key Phrase Extraction Tool (KET) for Semantic Metadata Annotation of Learning Materials	Conference proceeding by IEEE Computer Society, 9780769536545		Sonal Jain	International
16	Dr. Jyoti Pareek, Computer Science	Automatic Topic(s) Identification from Learning material : An Ontological Approach	Proceedings of International Conference of Computer Design and Applications, 9780769539829		Sonal Jain	International
17	Dr. Jyoti Pareek, Computer Science	GH - MAP : Rule based token Mapping for Translation between Sibling language Pair : Gujarati - Hindi	Proceedings of International conference on Natural Language Processing, Mackmillan Publication India Limited, 10 : 0230328458, 13 : 9780230328457		Kalyani Patel	International

Table No. 18
Details of Publications of Faculty : Books

Sr. No.	Title of Book	ISSN No. & Volume & Authors	Name of Faculty	Department	State / National / International
1.	Business Administration paper - 3		Vasudev Amrutlal Modi	B. K. School of Business Management	State
2.	Principles of Management (Customized)		Vilas Kulkarni	B. K. School of Business Management	National
3.	Organizational Behaviour	Rajen Gupta	Margie Parikh	B. K. School of Business Management	International
4.	Management (In Press)	Koontz et al	Margie Parikh	B. K. School of Business Management	International
5.	Udyog Sahsiktanu Samajshashtra	978 - 93 -80294 - 99 - 5	Badshah Leena Jatin	Sociology	State
6.	Gender and Society		Dr. Chandrika K. Raval	Sociology	State
7.	Educated Unemployment	Dr. Falguni Vahanwala	Dr. Chandrika K. Raval	Sociology	State

8.	Parivar Ni Pari	978938029480-3 Dr. Chandrika Raval Dr. Shailaja Dhruva	Dr. Chandrika K. Raval	Sociology	State
9.	Teachers Training Module for Science & Technology Standard	P.N Gajjar A.P Patel D.H Gadani	Dr. P. R. Vyas	Physics	State
10.	Teachers Training Module for Science & Technology Standard		Dr. P. N. Gajjar	Physics	State
11.	Numerical methods with C++ programming		Dr. Nita H. Shah	Mathematics	National
13.	Bhamaha-Krita Kavya-dosh-vichar,2009		Dr. V. M. Bhatt	Sanskrit	State
14.	St. 10 (Sanskrit Medium)		K. C. Chokasi	Sanskrit	State
15.	Gujarati Vyavharic Vyakaran		Dr. Arvind Bhandari	Linguistics	State

16.	Gujarati Shabdarthkosh	Dr. Y.D Vyas Dr. N.A Gandhi and Dr. Pinky Pandya	Dr. Arvind Bhandari	Linguistics	State
17.	Akhani kavita		Dr. Kirtida S. Shah	Gujarati	National
18.	Sahityik Anuvado		Dr. Kirtida S. Shah	Gujarati	State
19.	Indian Financial System		Dr. Bharati V. Pathak	Commerce	National
20	Environmental issues in emerging and advanced economics (Canada India)		Dr. Charulata V. Vyas	Chemistry	International
21	International symposium on emerging trends in forensic science		Dr. Charulata V. Vyas	Chemistry	International
22	Acharyashri Anandshankar Dhruva : Darshan and Chintan	81 - 85857 - 29-6	Dr. D. S. Charan	Philosophy	State

Table No . 19

Details of Publications of Faculty : Articles in Journals

Sr. No.	Name of Faculty / Department	Name of Article	Name of Journal, Vol. & Issue & / ISSN No.	Editors	Co - Authors if any	Level
1.	Dr. Charulata. V. Vyas Chemistry Department	Someschitt bases as corrosion inhibitors for znin sulfurieaeid	Indian Journal of Chemical Technology Vol 15 May 2008		M.N Desai N.K Shah	International
2.	Dr. Charulata. V. Vyas Chemistry Department	Resorcyllidine thiosemicarbazone as extractive reagent for the specrophoto matrie dein coarball	Asian Journal of Chemistry 0970 - 7077		C.V Vyas	International
3	Dr. Charulata. V. Vyas Chemistry Department	Extractive Spectro Photo Metrie detn of corboll with respropio - pleno are accepted for publication	Oriental Journal of Chemistry 0970 - 020X		C.V Vyas	International
4	Dr. Harjinder Kaur Chemistry Department	Molecular recognition of aromatic amines by courmain justification crown ether	13000527 Tarkish Journal of Chemistry		Hiren Shah S.K Menon	International

5	Dr. Harjinder Kaur Chemistry Department	Selective solid phase extraction of rate earthments	13815148 Reactive and functional Programme		S.K Menon Sudhir Dave	International
6	Dr. M. M. Maisuria Chemistry Department	Speed of sound	International of Molecular lia		Dr. S. L. Oswal	International
7	Dr. M. M. Maisuria Chemistry Department	Viscosity of bin	International of Molecular lia		Dr. S. L. Oswal	International
8	Dr. P. S. Shrivastav Chemistry Department	Isolation chara HepG 2 cell line	Chemico - Biological Interactions 2009 151 351 - 358 0009 - 2797			International
9	Dr. P. S. Shrivastav Chemistry Department	Application of a Indian Subjects	Microchemical Journal 2010 94 130 - 138 0026 - 265X			International
10	Dr. P. S. Shrivastav Chemistry Department	Detection and Plasma & Urine	Bioanaysis 2010 1757 - 6180			International

11	Dr. K. H. Chikhalia Chemistry Department	Design synthesis and antimicrobial study of some Pyrimidine derivatives	0091 - 150X (Print) 1573 - 9031 (Online) Vol 44 Pharmaceutical Chemistry Journal	Dharmendra H. Patel Kishor H Chikhalia Nisha K. Shah Dhaval P. Patel Pankaj B Kaswala
12	Dr. K. H. Chikhalia Chemistry Department	Synthesis and antimicrobial studies of s-triazine based heterocycles	1475 - 6366 Print 1475 - 6374 Online Journal Enzyme inhibition and Medicinal Chemistry	Dharmendra H.Patel Kishor H Chikhlia Nisha K. Shah Pankaj B. Kaswala Vipul M Bhuva
13	Dr. K. H. Chikhalia Chemistry Department	Synthesis of a novel class of some 1,3,4 - oxadiazole derivatives as antimicrobial agents	Journal Enzyme Inhibition and Medicinal Chemistry 1475 - 6366 Print 1475 - 6374 Online June 2009 24(3) Pages 617 - 622	Kishor H. Chikhlia Dhaval B. Vashi Mayank J Patel
14	Dr. K. H. Chikhalia Chemistry Department	Design, synthesis and evaluation of some 1,3,5 - triazinyl area and thiourea derivatives as antimicrobial agents	1475 - 6366 Print 1475 - 6374 Online Journal Enzyme Inhibition and Medicinal Chemistry Vol. 24 No. 4 Pages 960 - 966	Kishor H. Chikhlia Mayank J Patel

15	Dr. K. H. Chikhalia Chemistry Department	Synthesis and Antibacterial studies of some novel 2 - (Coumarin 3 yl) 5 - mercapto 1,3,4 - oxadiazoles containing 2,4,6 - Trisubstituted s - Triazine Derivatives	185 : 368 - 376 2010 Phosphorus s sulfur and silicon and the Related Elements 1042 - 6507 Print 1563 - 5325 Vol 185: 368 - 376 2010	Amit C. Patel Darmesh H Mahajan	
16	Dr. K. H. Chikhalia Chemistry Department	Synthesis and studies of new 2 - Coumarin - 4 - yloxy) 4 - 6 - (Substitutes) s - Triazine Derivatives as Potential Anti - HIV agents	Arch Pharm Chem, Life Science 2009 342, 281 – 290	Dharmesh H. Mahajan Christophe Pannecou que Erik De Clerk and Kishor Chikhalia	
17	Dr. S. K. Menon Chemistry Department	Selective solid - phase extraction of rare earth elements by the chemically modified Amberlite XAD - 4 resin with azacrown ether	1381 - 5148 70 (2010) 692 - 698 Reactive & Functional Polymers	Sudhir R. Dave H. Kaur S.K Menom	International

18	Dr. S. K. Menon Chemistry Department	Development and validation of GC / MS method for determination of pramipexole	0269 - 3879 Doi : 10.1002/bmc 1478 Bio Medical Chromate Graphy	Ravindra V. Patel Jayesh G. Panchal and S.K Menon	International
19	Dr. S. K. Menon Chemistry Department	Recognition of lysine arginine and histidine by novel para - sulfonatocalix[4] arena thiol functionalized gold nanoparticles in aqueous solution	1359 - 7345 Vol 3563 - 3565 (2009) Chemical Commutations	Gaurang Patel S.K Menon	International
20	Dr. S. K. Menon Chemistry Department	The synthesis and characterization of calyx[4] arene based ago dyes	67 (2010) - 73 79 0923 - 0750 J.Incl Phenon Macrocycl Chem.	Ravindra Patel Jayesh G. Panchal	International
21	Dr. S. K. Menon Chemistry Department	Cooperative anion recognition by a novel heteroditopic receptor based on dibenzo[18] crown - 6 - fullero - bis (pyrrolidine)	2010 : 22 : 45 - 56 1061 - 0278 Supramolecular Chemistry	Anishkumar and S.K Menon	International

22	Dr. S. K. Menon Chemistry Department	Preparation and physicochemical characterization of carbamazepine (CBMZ) : para - suffocated calyx[n] arena inclusion complexes	Journal of Inclusion Phenomena and Macrocyclic Chemistry 67 - 201 -208 (2010) 0923 - 0750	Jayesh G. Panchal Ravindra V. Patel and Shobhana K. Menon	International
23	Dr. S. K. Menon Chemistry Department	Potentionmetric biosensing of glucose by fullerene based silver selective electrode	Fullerenes Nanotubes and Carbon Nanostructures 1061 - 0278 M.S IDFNCO931 RI	S.K Menon and Anish Kumar	International
24	Dr. S. K. Menon Chemistry Department	Molecular recognition of Aromatic Amines by, Coumarin Substituted Aza - Crown ether	Turkish Journal of Chemistry 1300 – 0527	H.Mehta H.Kaur And S.K Menon	International
25	Dr. S. K. Menon Chemistry Department	Photo induced DNA cleavage by fullerene lysine conjugate	Tetrahedron Letters 50:6526 - 6530 (2009) 0040 - 4039	Anish kumar Manadav V. Rao and S.K Menon	International

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45	Dr. Alok Gupta Hindi Department	Electronic madhyam aur sahitya	Utpal ank pratham April 2009		Sudhir sony	National
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99	Dr. Hiren D. Joshi Computer Science Department	Multimodal Biometric Authentication System	XVIII Gujarat Science Congress Saurashtra University			State
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134	Dr. Chandrika K. Raval Sociology Department	Rural Youth and Mass Media	Vidya - Vol 5 No 1 Mar 2010 Gujarat University			State

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136	Dr. Badshah Leena Jatin Sociology Department	Be Pedhi Vacchenu Antar	Stree sidhina sopano Gujarat Kelvani		Dr. Dhruman Diwangi Dr. C.k Raval	
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138	Dr. Sarla Achuthan B.K School of Business Management	Emergence of Management Education in Gujarat Role of Institutional Leadership	Emergence of Management Education in Gujarat Role of Institutional Leadership		Dr. Vilas Kulkarni	International
139	Dr. Sarla Achuthan B.K School of Business Management	What Impact does Industry Concentration have on the performance of Equity Diversified Mutual Funds in India	'What Impact does Industry Concentration have on the Performance of Equity Diversified Mutual Funds in India		Simaran Kaur Arora IDBI Bank Dr. Prateek Kanchan B.K School	National

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153	Dr. R. J. Verma Zoology Department	Molecular Markers	Head and Nack		N. G. Shah	International
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159	Dr. C. D. Bhavsar Statistics Department	Declination of Girls in India Due to Gender Preference	Vidya Vol-V No.2		R.G. Bhatt, Deepti Bhavsar	State

160	Dr. C. D. Bhavsar Statistics Department	Use of ANOVA	Vidya Vol-V No.1			Sweta Patel	State
161	Dr. C. D. Bhavsar Statistics Department	Profiles of Fertility	Sankhya Vigyan NSV-V			Deepti	National
162	Dr. M. N. Patel Statistics Department	Bayes estimation of Shift Pint	Comm in Stat 0361-0926 38, 009			J. B. Shah	International
163	Dr. M. N. Patel Statistics Department	Bayes estimate of para	Journal of Applied Statistics, 36 (5), 2009			J. B. Shah	International
164	Dr. M. N. Patel Statistics Department	Best linear unbiased estimate	Journal of Statistical Science, Vol – 1 (1), 2009				National
165	Dr. M. N. Patel Statistics Department	Baysian estimate mix	Journal of Statistical Science Vol – 1 (2), 2009			J. B. Shah	National
166	Dr. Y. S. Shastri Philosophy Department	Yoga work Peace	Yoga for the new Millennium				
167	Dr. Y. S. Shastri Philosophy Department	Tourism	Vidya			Dr. Rajsi Clerk	

168	Dr. V. H. Gandhi Physics Department	Two stream instability in Plasma	Vidya, Vol-IV (2)		G.R Shah	State
169	Dr. Nita H. Shah, Mathematics Department	Vendor's optimal policy for time dependent deteriorating inventory with exponentially decreasing demand and partial backlogging.	Published in Australian Society of Operations Research Bulletin 28 (2), 9-14, 2009 # 209			
170	Dr. Nita H. Shah, Mathematics Department	A deteriorating inventory model with discounted selling price in declining market.	Proceeding of National Women's Conference on Exploring Potentialities of Women in Engineering 292 – 297, July 3 – 4, 2009, # 235			
171	Dr. Nita H. Shah, Mathematics Department	Optimal pricing and ordering policy for deteriorating items under delay in payments in demand declining market.	Revista Investigation Operational 30 (3), 224 – 234, 2009 # 233			

172	Dr. Nita H. Shah, Mathematics Department	A lot size inventory model for the weibull distributed deterioration rate with discounted selling price and stock - dependent demand.	International Journal of Data Analysis Techniques and Strategies 1 (4), 355 - 363, 2009. # 192		
173	Dr. Nita H. Shah, Mathematics Department	Mathematics as a tool for economic and social issues.	History and Heritage of Mathematical Sciences, Sukrtindra Oriental Research Institute, 210 - 215, 2009 # 132.		
174	Dr. Nita H. Shah, Mathematics Department	Optimal pricing and ordering policy for deteriorating inventory under trade credit in demand declining market.	China - USA Business Review, 8 (8), 46 - 52, 2009, # 234.		
175	Dr. Nita H. Shah, Mathematics Department	Optimal pricing and ordering policy for stock dependent demand under delay in payments.	ASOR bulletin, 28 (3) 2 - 9, 2009 # 259.		

176	Dr. Nita H. Shah, Mathematics Department	Optimal pricing, shipment and payment policies for an integrated supplier - buyer inventory model in buoyant market with two level trade credit.	International Journal of Business Insights and Transformation, 2 (2), 3 - 12, 2009 # 242.			
177	Dr. Nita H. Shah, Mathematics Department	Ordering policy for stock - dependent demand rate under progressive payment scheme.	International Journal of Systems Sciences, 40 (1), 81 - 89, 2009 # 171.			
178	Dr. Nita H. Shah, Mathematics Department	Optimization of pricing and ordering under the two - stage credit policy for deteriorating items when the end demands is price and credit period sensitive.	International Journal of Business Performance and Supply Chain Modeling, 1 (2 & 3), 229 - 239, 2009 # 201.			

179	Dr. Nita H. Shah, Mathematics Department	Deteriorating inventory model when demand depends on advertise and stock display.	International Journal of Operations Research (Taiwan), 6 (2), 33 - 44, 2009 # 225.			
180	Dr. Nita H. Shah, Mathematics Department	Determining optimal selling price and lot - size for exponentially deteriorating items when the supplier offers all unit quantity discounts.	Journal of SCI - Tech Research, 1 (1), 77 - 82, 2010 # 41.			
181	Dr. Nita H. Shah, Mathematics Department	Optimal transfer - ordering strategy for a deteriorating inventory in declining market.	International Journal of Mathematics and Mathematical Science, Article ID 503676, 15 Pages, 2009 # 253.			
182	Dr. Nita H. Shah, Mathematics Department	A lot - size model for deteriorating items under conditions of a one - time only extend credit period.	International Journal of Mathematics and Mathematical Science, Article ID 173428, 9 pages, 2010 / 137428 # 177.			

183	Dr. Nita H. Shah, Mathematics Department	Optimal ordering and pricing policies for deteriorating inventory in demand declining market and time dependent partial backlogging.	Tatva, 6 (2), 71 - 81, 2010 # 224.			
184	Dr. Nita H. Shah, Mathematics Department	Deteriorating inventory model in demand declining market under inflation when supplier credits linked to order quantity.	Revista Investigation Operational, 31 (2), 95 - 108, 2010 # 226.			
185	Dr. Nita H. Shah, Mathematics Department	Retailer's pricing and ordering strategy for weibull distribution deterioration under trade credit in declining market.	Applied Mathematical Science, 4 (21), 1011 - 1020, 2010 # 238.			

186	Dr. Nita H. Shah, Mathematics Department	Optimal ordering policy for deteriorating items in demand declining market and time dependent partial backlogging.	Journal of Sciences, 1 (1), 115 - 118, 2010 # 223.		
187	Dr. Nita H. Shah, Mathematics Department	Deteriorating inventory policy model for optimal ordering and pricing policies under partial trade credit in supply chain when demand decreases.	Modeling, Measurement and Control, Series D, 30, 2, 49 - 63, 2009 # 254.		

TABLE NO - 20
CITATION INDEX AND IMPACT FACTOR

Sr. No.	Department	Name of Faculty	Citation Index	Impact factor
1.	Zoology	Prof. M. V. Rao	239	IF - 10.94, H index - 9
2.	Zoology	Prof. R. J. Verma	272	IF - 11.017
3.	Physics	Prof. P. N. Gajjar	As per Scopus : 91	0.283 to 0.696
4.	Physics	Dr. R. B. Jotania	10	---
5.	Life Science	Dr. N. K. Jain	12 (Photochem, Photobiology)	2.47
6.	Chemistry	Dr. Shobhana K. Menon	230 (H Factor - 9)	Total 43.4 for 22 publications average Impact factor - 2.0
7.	Chemistry	Dr. V. K. Jain		H Factor 10
8.	Chemistry	Dr. Pranav S. Shrivastav	420	H Index 10

15. HONORS AND AWARDS TO THE FACULTY

The details are given in the below :

- (a) Prof. P. N. Gajjar, Physics Department, was awarded Post Doctoral Fellowship Centre for Nano linear studies, Hong Kong Baptist University, Hong Kong September 3 - 30, 2009.
- (b) Dr. R. J. Verma, Zoology Department, was awarded selected as one of the IBCs 'Leading Scientists of the World 2009' by International Biographical Centre, Cambridge, England.
- (c) Hiren D. Joshi, Computer Science Department, was awarded First Prize winner XXIV Gujarat Science Congress in Faculty in Computer Science.
- (d) Dr. H. A. Modi, Life Science Department, was awarded worked as Chairman and Judge at four National level and International convention / Conferences.

- (e) Kamlesh C. Chokashi, Sanskrit Department, was awarded 02.04.2009 ke aagami two years (09-10 to 10-11) ke liye Gujarat Rajya University Evam College Sanskrit Adhyapak Mandal, Ahmedabad ke Adhyax ke roop me Nirvachan Hua.
- (f) Dr. H. A. Solanki, Botany Department, was awarded Fellow Member of Society of Earth Sciences.
- (g) Dr. M. N. Patel, Statistics Department, was Best Research paper awarded : Hari Om Ashram Prerit Smarak Trust, V.V.Nagar, S. P. University 23.03.2010 in the year 2008 - 09.
- (h) Dr. U. S. Joshi, Physics Department, was Best Posters award in International Conference on Recent Trends in Nano and Bio Sciences held at Osmania University, Hyderabad, during February 24 - 26, 2010.
- (i) Dr. U. S. Joshi, Physics Department, was DAE - Poster award 2009 in the 54th DAE - Solid State Physics Symposium held at M. S. University of Baroda, Vadodara during December 27 - 31, 2009.
- (j) Dr. P. D. Lele, Physics Department, was awarded "Improved Technique for 'V', 'I' and 'R' Measurement in Complicated networks within few seconds" Sandip Trivedi and P. D. Lele was judged among the top ten experiments in the National Competition for Innovative Experiments in Physics (NCIEP - 2009) held at IAPT XXIV Annual national Convention in Kanpur October, 2009.
- (k) Dr. R. B. Jotania, Physics Department, was the best paper award XXIV Gujarat Science Congress, Gujarat University, Ahmadabad.

16. INTERNAL RESOURCES GENERATED

The University has several sources of generating internal resources such as self-financed courses, rent, income from the convention center, fines etc. The total internal resources generated during this year was **Rs. 3,53,40,100 = 00**

17. DETAILS OF DEPARTMENT GETTING SAP / DST. FIST ETC

Three Departments got financial grants under the SAP. The details are given in Table No.21 below :

Table - 21
DEPARTMENTS GETTING SAP

Sr. No.	Name of the Department	Period	Sanction	Grant
1.	Physics Department	5 Years (2007 onward)	91 Lacs	84 Lacs
2.	Botany Department	5 Years (2007 onward)	23 Lacs	21 Lacs
3.	Chemistry Department	5 Years (2007 onward)	80 Lacs	50 Lacs

18. COMMUNITY SERVICES

Community Services are provided by the University through formal Programmes as well as informally. The National Service Scheme and the Jan Shikshan Sansthan are the two outlets for providing community services in formal manner. While the NSS works through the affiliated colleges, the Jan Shikshan Sansthan works directly from the University. Participants of the programs of the Jan Shikshan Sansthan are mostly from the poorer and low literacy/illiterate sections of the population. The details of the programs run by the Jan Shikshan Sansthan during the year are given in Table No. 22 below.

Table No. 22
TRAINING PROGRAMS CONDUCTED BY JAN SHIKSHAN SANSTHAN DURING
2009 - 10

Sr. No.	Training	Duration of Training
1	Auto Technician (Four Wheeler)	6 months
2	Refrigeration and A.C Mod 1	6 months
3	Cutting and Tailoring Module 1	4 months
4	Dress Designing and Garment Making Mod. 1	4 months
5	Embroidery Module 3	4 months
6	Helpers for Hospitals and Nursing Homes	4 months

7	Beauty Culture and Health Care	3 months
8	Mobile Repairing	3 months
9	Repairing of Basic Electrical and House Wiring	3 months
10	Preparation Home Decorative Items	3 months
11	Fancy cloth bag making	1 month
12	Heena Art	1 month
13	Pearl Jewellery Making	1 month
14	Tie and Dye	1 month
15	Crochet	1 month

A total of 153 Participants availed of the benefits of these programmes.

19. TEACHERS AND OFFICERS NEWLY RECRUITED

Processing of the recruitment work is going on.

20. TEACHING - NON TEACHING STAFF RATIO

There were 123 teaching staff and 430 non teaching staff in the University during the year. This works out to a teaching non teaching ratio of **1 : 3.57**.

21. IMPROVEMENT IN THE LIBRARY SERVICES

The Central Library of the University provides the following services :

a) Photocopy of certain important documents and abstracts from books and journals.

b) Ready reference service via phone and email.

News Paper Clipping service with special reference to development of students.

d) Current content service in digital form.

Web OPAC.

Hard copy of digitized student related information such as syllabi etc.

22. NEW BOOKS AND JOURNALS SUBSCRIBED AND THEIR VALUE

Table - 23

DETAILS OF LIBRARY PURCHASE DURING 2009 - 10

Sr. No.	Items	No.	Total Expenditure in Rs.	Remarks
1.	Books	2099 + 453*	Rs. 27,82,948/-	* Books received as gifts.
2.	Magazines and News papers	-----	-----	-----
3.	Journals	280 + 83*	Rs. 1,61,671/-	* received as gifts.

23. ASSESSMENT OF TEACHERS BY STUDENTS

The Assessment of teachers and courses by students is done using the NAAC questionnaires.

24. UNIT COST OF EDUCATION

The Unit cost of education was **Rs.44,458/-** with salary and **Rs.19,460/-** without salary.

25. COMPUTERIZATION OF ADMINISTRATION AND THE PROCESS OF ADMISSIONS AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES.

The examination system has already been computerized to a large extent. Students can done load the forms from the web site of the university and the allocation of examination center and the results are also communicated through SMS, apart from being put on the website.

The administrative staff who did not have knowledge of computers underwent computer training and the cost of this training was re-imbursed by the university.

The admission of some of the programs like B.Ed were centrally computerized to speed up the process.

26. INCREASE IN THE INFRASTRUCTURAL FACILITIES

The University requirement of buildings and other infrastructure has been increasing due to the introduction of new programs and extension of the student base. The details of the increase in infrastructure facilities is given below. A total of **Rs.22,57,900.00** was spent on infrastructure maintenance and development.

a) Infrastructure Facilities Added During the year :

(i) Installation of ferrous grill around Cargil Park Gujarat University.	Rs.70,770.00
(ii) Installation of grill around K.S.School of Business Management and B.K.School of Business Management Garden.	Rs.26,518.00
(iii) Construction of IAS Computer Laboratory	Rs.4,98,340.00
(iv) Construction of Physics Computer Laboratory	Rs.4,99,620.00
(v) Construction of Waterfall in Gujarat University Cargil Park	Rs.2,50,000.00
(vi) Development of Garden from Geoinformatics building to Microbiology Department	Rs. 2,00,000.00

b) Repairs done during the year 2009 - 10 :

(i) Renovation in Furniture and Electrical work in Zoology Department Seminar Hall	Rs.2,35,920.00
(ii) Renovation of Furniture in Botany Department Seminar Hall	Rs.3,86,287.00
(iii) Renovation of Furniture in M.Sc. Climate Change Department Seminar Hall	Rs.90,445.00

27. TECHNOLOGY UP GRADATION

The technology up gradation was done in the following areas :

- i) Examination work through computerization.
- ii) More soft-wares in various departments.
- iii) Internet access through Wi-Fi network in the campus for all the departments.
- iv) Access to e-resources through the library.

28. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS

All the departments and the faculty members have been provided desk - top computing facility. Each department has at least one internet connection in the Wi-Fi

network of the University. Since the teachers are now computer literate, so separate training programs were organized for computer training. However, the Rollwala Computer center provides additional computer training to the teachers on demand. Computer training is in built in many of the undergraduate programs like those in the fields of Science and Commerce. Therefore, separate programs for providing computer training to students were not needed.

29. FINANCIAL AID TO STUDENTS

The University provides a number of scholarships to the students. Further the fee for the girl students is subsidized by more than 50%. The details of the scholarships disbursed during the year are given in Table No. 24 below.

Table - 24
DETAILS OF SCHOLARSHIPS DISBURSED
(As per Government Schemes)

Sr. No.	Name of Scholarship	Total Amount Disbursed During the Year 2009 - 10	No. of Students
1.	SC / ST Social Science	14,34,160	259
2.	SC / ST Language	11,90,530	207
3.	SC / ST Psychology	3,04,990	56
4.	SC / ST Science	4,14,240	85
5.	SC / ST Library Science	25,545	5
6.	SC / ST B. K. School	-----	-----
7.	SC / ST Commerce	1,07,380	21
8.	SC / ST Law	61,300	1
9.	SC / ST Computer	26,670	6
10.	SC / ST B.B.A.	-----	-----
11.	SC / ST D.P.E. / M. P. E.	54,330	10
12.	SC / ST Boy's / Girl's Hostel	-----	31
13.	SC / ST Journalism	46,420	7
	Total	36,65,565	688

EBC Scholar Ship			
1.	EBC Social Science	98,240	36
2.	EBC Language	2,22,230	77
3.	EBC Psychology	46,645	34
4.	EBC Science	3,37,060	106
5.	EBC Library Science	44,885	9
6.	EBC B. K. School	1,400	1
7.	EBC Commerce	41,170	18
8.	EBC Law	10,760	5
9.	EBC Computer	45,595	11
10.	EBC B.B.A.	-----	-----
11.	EBC D.P.E. / M. P. E.	-----	-----
Total		8,47,985	297

Table - 25

Details of Scholarships disbursed from endowments

Sr. No.	Examination	Name of Scholarship	No. of Students	Amount
1.	First B. A.	“Swa. Shri. Popatlal Girdharlal Scholarship” (Farajiyat ane Vaikalpik Sanskrit)	01	---
2.	Second B. A.	“Swa. Shri. Anandshankar Bapubhai Dhruv Sanskrit Paritoshik” (Sanskrit)	01	285=00
3.	Third B. A.	“Swa. Shrimati Prabhalaxmi Amrutlal Sodhan Prize” (Sanskrit)	01	100=00
4.	Third B. A.	“Vishnu Narshinh Mavlankar Prize” (Sanskrit)	01	345=00
5.	Third B. A.	“Shrimati Hariganga Vitthaldas Dwarkadash Patel” Memorial Scholarship (Sanskrit)	01	260=00
6.	Third B. A.	“Shrimati Chanchalben Manilal Purushottam Purani” Paritoshik (Sanskrit)	01	340=00
7.	Third B. A.	“Acharya Shri Kalidas Dave” Paritoshik (Sanskrit)	01	850=00
8.	Third B. A.	“Shri. Keshavlal Nathuram Pandya ane Shrimati Mahalaxmi Keshavlal Pandya Sanskrit” - Scholarship (Sanskrit)	01	700=00

9.	Third B. A.	“Shri Uddhav Bhagvant Saigonakar Scholarship (Sanskrit)”	01	1,424=00
10.	Third B. A.	“Shrimati Saraswati Chandulal Gandhi Prize” (Varafarati Dhorane Gujarati)	01	330=00
11.	Third B. A.	“Shri Dhumketu Scholarship” (Gujarati)	01	300=00
12.	Third B. A.	“Swa. Shri. Narsinhav Bholanath Divetiya Gujarati Paritoshik”	01	290=00
13.	Third B. A.	“Ahmedabad Bullion Brokers Association Merit Paritoshik” (Gujarati)	01	100=00
14.	Third B. A.	“Shrimati Bapibhai Chotalal Chokshi Scholarship” (Philosophy)	01	360=00
15.	Third B. A.	“Swa. Dr. Induklabahen Zaveri Scholarship” (Philosophy)	01	700=00
16.	Third B. A.	“Bai Rukamani Chimanlal Kapoorchand Vaishnav Trust Scholarship” (Philosophy)	01	600=00
17.	Third B. A.	“Shrimati Padmavati Jayantilal Soshan Paritoshik” (Psychology)	01	150=00
18.	Third B. A.	“Prof. F. C. Davar Paritoshik” (Comp. English)	01	101=00
19.	Third B. A.	“Prof. F. C. Davar Paritoshik” (English Main)	01	101=00
20.	Third B. A.	“Dr. Priybala Shah Scholarship” (English Main)	01	1,200=00
21.	Third B. A.	“Dr. S. S. Bhandarkar Paritoshik” (English Main)	01	1,662=50
22.	Third B. A.	“Dr. Sumant Batukram Maheta ane Shardabahen Maheta Scholarship” (Sociology)	01	224=00
23.	Third B. A.	“Shri. Ajit Bhagat Economics Paritoshik”	01	532=00
24.	Third B. A.	“Shri. Mohammadbhai Kasambhai Hava Sarvajanik Trust Scholarship”	01	---
25.	M. A.	“Shri. Vishnubhai B. Verma Paritoshik” (Philosophy)	01	100=00
26.	M. A.	“Shri. Keshavlal Talakchand Seth Paritoshik” (Sociology)	01	230=00
27.	M. A.	“Swa. Narsinhav Bholanath Divetiya Sanskrit Paritoshik”	01	290=00

28.	B. Ed.	“Shri. Balubhai Ratanchand Shah Paritoshik”	01	200=00
29.	B. Ed.	“Shrimati Hariganga Vitthalda Dwarkadas Patel Memorial Scholarship”	01	260=00
30.	First B. Sc.	“Shrimati Parvati Balubhai Shah Paritoshik”	01	350=00
31.	First B. Sc.	“Dr. K. S. Nargund Science Paritoshik” (Mathematics Subject)	01	100=00
32.	Third B. Sc.	“Dr. K. S. Nargund Chemistry Paritoshik”	01	100=00
33.	Third B. Sc.	“Prof. A. M. Trivedi Memorial Scholarship”	01	320=00
34.	Third B. Sc.	“Laxmilal Chandaba Scholarship”	01	350=00
35.	Third B. Sc.	“The Ahmedabad Bullion Brokers Association Gunvatta Paritoshik (Mathematics)	01	100=00
36.	Third B. Sc.	“Bai Kashi Nathalal Vanmalidas Modi Scholarship” (Statistics)	01	475=00
37.	First B. Com	“Shri. Chimanlal Chhotalal Chokasi Scholarship”	01	331=00
38.	First B. Com	“Shrimati Dhankorbai Ratanchand Vatamanwala Paritoshik”	01	300=00
39.	Third B. Com	“The Institute of Chartered Accounts of India Prize” (Ad. A/c & Auditing)	01	300=00
40.	Third B. Com	“The Bank of India Prize” (Banking)	01	240=00
41.	Third B. Com	“Company Secretary ship Cash Prize”	01	200=00
42.	Third B. Com	“Shri. P. V. Bhavsar Scholarship”	01	---
43.	Third B. Com	“Company Secretary ship Cash Prize”	01	200=00
44.	Third B. Com	“Syndicate Bank Golden Jubilee Scholarship”	01	---
45.	Third B. Com	“Company Secretary ship Cash Prize”	01	200=00
46.	Second L. L. B.	“Shri. Chandramukhram Dhanvantram Pandya Prize”	01	190=00
47.	B. E. (Civil)	“Shri. Vrundavandas Shah Paritoshik” (Design of Structure Subject)	01	100=00
48.	B. E. (Civil)	“Swa. Prof. V. K. Kulkarni Prize”	01	750=00
49.	First M. B. B. S.	“Shrimati Hariganga Vitthaldas Dwarkadas Patel Scholarship”	01	260=00
50.	Second M. B. B. S.	Shrimati Hariganga Vitthaldas Dwarkadas Patel Scholarship”	01	260=00

51.	Third M. B. B. S.	“Shrimati Nautambahen Chandramukhram Pandya Paritoshik”	01	340=00
52.	Third M. B. B. S.	“Shri. Jayantilal Harilal Palakhiwala (Medicine) Cash Paritoshik”	01	2,375=00
53.	M. S. - V (Gynecology)	“Swa. Bai Moti (Dr. Jethalal Gagalbhai Ni Vidhava Memorial Paritoshik)”	01	350=00
54.	B. D. S.	“Shrimati Sulochana Narottamlal Lalbhai Paritoshik” (Second No.)	01	160=00
55.	B. D. S.	“Swa. Dr. Shrimati Hargangababen Vyas Upaletawala Paritoshik” Orthodontics Subject (Second No.)	01	101=00

30. ACTIVITIES AND SUPPORT FROM ALUMNI ASSOCIATION

Most of the university have their won alumni associations as till now all the programs are limited to the individual departments. The departments either organize a formal alumni meet or hold discussions with the alumni informally. Many alumni are already in the academic field with whom interactions take place during academic events also. The interaction with alumni are mostly related to the following :

- (i) Getting feed back on syllabus revision.
- (ii) Getting information on improving the program.
- (iii) Getting information and support for placement.

While the alumni are provided the following support :

- (i) Advise on further academic advancement.
- (ii) Advise on employment opportunities.
- (iii) Information on new developments in subjects.

31. ACTIVITIES AND SUPPORT FROM PARENT - TEACHER ASSOCIATION

The University has only Post Graduate teaching in the departments and school. Since all the students are adults the interaction with parents is generally informal and tax place in each individual department. The parent teacher meetings are held one to one in order to solved the problems of particular students.

32. HEALTH SERVICES

The University has a full fledged health center with to full time doctors and many special sties on visiting basis. This center has pathology laboratory and x-ray facility. All the staff members are compulsorily enrolled at the health center with there medical history when the join the services of the University. There after they and their dependent family members are provided free medical services. Some medicines are disbursed free of cost at the center.

All the students enrolled in the university, even those studying in affiliated colleges are also entitle to free medical consultancy at the health center by paying just a token fee of 50 paisa per visit. They are also provided free consultations with the specialists.

During the year a total of **11,686** patients were attended to at the health center of which **4,767** were students. **7,683** pathology tests were done and **253** x-rays were taken. The average no of patients at the center were **46** per day.

33. PERFORMANCE IN SPORTS ACTIVITIES

The university has a large sports complex having facilities for Indore games outdoor games and a cinder track for athletics. Students regularly avail of these facilities. The Sports Competitions are organized at two levels. The University Central Gymkhana organizes sports events for the University Departments and Schools while the Physical Education department organizes sports competitions for all affiliated colleges, University Departments and Schools at University Level. Winners from this competitions are then sent to State, National and International level events. Details of the sports for which competitions were held a during the year are given in Table No. 26 below.

Table - 26
Details of Sports Competitions

Sr. No.	Game	Sr. No.	Game
1.	Swimming (M / W)	13.	Table Tennis
2.	Badminton	14.	Cross Country
3.	Handball (M & W)	15.	Kabaddi (M & W)
4.	Wrestling	16.	Volleyball (M & W)
5.	Hockey (M& W)	17.	Basketball (M & W)
6.	Chess	18.	Judo
7.	Archery	19.	Cricket (M& W)
8.	Boxing	20.	Tennis (M& W)
9.	Athletics	21.	Weight Lifting (M)
10.	Best Physique (M)	22.	Khokho (M & W)
11.	Power Lifting (M & W)	23.	Football
12.	Soft Ball (M & W)		

Table - 27
Details of Medals Won

Sr. No.	Name of Game	Awards Won
1.	Tennis	First Rank in West Zone inter University Tournament held at M.D.University, Ajmer

34. INCENTIVES TO OUTSTANDING SPORTS PERSONS

This year the university students did very well in inter university tennis tournament. The **Five Students** who were part of this team were given **Rs.2,500.00 and One Blazer** each.

35. STUDENTS ACHIEVEMENTS AND AWARDS

In order to appreciate the academic achievements of the students 245 medals are awarded every year. Table No. 28 below gives the details of the no of students who received various medals during this year.

Table - 28**Details of Medals Awarded to Students**

Sr. No.	Name of Faculty for Award of various Medals	No. of Students
1.	B. A.	23
2.	M. A.	28
3.	B. Ed.	02
4.	M. Ed.	03
5.	B. Sc.	17
6.	M. Sc.	24
7.	B. Com	13
8.	M. Com	03
9.	M. B. B. S.	19
10.	B. Physiotherapy	01
11.	M. Physiotherapy	01
12.	M. D.	09
13.	M. S.	12
14.	M. C. H.	03
15.	D. M.	02
16.	B. D. S.	05
17.	B. E. (Civil)	05
18.	B. E. (Civil Geotechnological Eng.)	02
19.	B. E. (Mechanical)	07
20.	B. E. (Electrical)	03
21.	B. E. (E.C.)	03
22.	B. E. (Computer Eng.)	01
23.	B. E. (Chemical)	03
24.	B. E. (Plastic Eng.)	01
25.	B. E. (Textile Technology)	01
26.	B. E. (Environmental)	01
27.	L.L.B.	17
28.	L.L.M.	03

29.	B. Pharm	06
30.	M. Pharm	05
31.	M. B. A.	05
32.	B. B. A.	02
33.	M. L. W.	02
34.	M. P. E.	01
35.	Bachelor of Communication Journalism and Public Relation	01
36.	Master in Journalism Studies	01
37.	Bachelor of Library Science	01
38.	Master of Library Science	01
39.	Diploma in Computer Science and Application	01
40.	M. D. C.	01
41.	B. Sc. Nursing	01
42.	Degree Drama	01
43.	B. Sc. Fire	01
44.	M. C. A.	02
	Total	245

36. ACTIVITIES OF THE GUIDANCE AND COUNSELING UNIT

The departments and schools of the university provide guidance and counseling to the students about the following :

- i) The program in which the students are enrolled.
- ii) The employment opportunities on the basis of the students' current qualifications and on the basis of their completing the existing program.
- iii) The students are counseled as to how they can improve their abilities by being involved in co-curricular and extra-curricular activities.
- iv) The students are advised as to how they can use the library and other resources of the university for improving their skills and knowledge.

These are all provided in the class-rooms, outside the class-rooms and on demand by the students. The manner is always informal. Some guidance is provided in general to all the students of a program while counseling is mostly on request by the students.

37. PLACEMENT SERVICES PROVIDED TO THE STUDENTS

The University has a government run employment bureau which registers the students for various types of employments.

All the professional programs like Business Administration, Labour Welfare, and Journalism have placement services as an inbuilt component. Information about placement opportunities are placed on the notice board of the departments to benefit the students. Employers are also welcomed on the campus for conducting interviews.

38. DEVELOPMENT PROGRAM FOR NON-TEACHING STAFF

The major requirement of the non-teaching staff is to increase computer literacy. For this some training programs were conducted by the computer center of the university. Later on the university allowed the staff to learn computer operations from designated centers in order to provide flexibility in learning time. The fee of these learning programs are then re-imbursed to the staff member by the university.

39. HEALTHY PRACTICES OF THE INSTITUTION

Following are the healthy practices of the university:

- a) Preparation of academic calendar for all teaching, administrative and co-curricular activities of the university and affiliated colleges.
- b) Adherence to the academic calendar for teaching, internal and university end term evaluation.
- c) Declaration of result in minimum duration.
- d) Declaration of results through website, mobiles and phones.
- e) good logistics management of huge examination system.
- f) Expansion of e-resources for research and teaching.
- g) Encouragement to academic and collaborative research.
- h) Facility to external students for learning at home and at their own time with just the requirement to write the examinations as per the university schedule.

40. LINKAGES DEVELOPED WITH NATIONAL / INTERNATIONAL ACADEMIC / RESEARCH BODIES

a) the University offers special programs through its Study abroad Program. This program many facilities for foreign students and offers M.Phil, in Diaspora Studies for Indian students.

b) University has entered into an MoU with Educational Consultants India Limited (EdCIL) (an autonomous body of Ministry of Human Resource Development) for enrolment in University programs for foreign students sponsored by EdCil. Many of these students come from countries for which special initiatives of Government of India exists like Afghanistan, Bhutan, Nepal etc.

c) Short term courses leading to “Semester In India” are offered globally which cover 24 courses including a compulsory course on Gandhian Philosophy. This program also includes utility based and interest based courses listed below.

India Courses for Foreign Students

d) The University also has MoUs with the following universities :

- Oteman Gakuin University, Osaka
- Birmingham College, U.K.
- Regina University, Canada
- British Petroleum, U.K.
- Grenada University, Spain
- Wroclaw University of Technology, Poland
- Fair Leigh Dickensen University, U.S.A.
- GOPIO, New York, U.S..A.

41. NAAC RELATED ACTIVITIES

The main focus of the University during this year was to plan for a systemic shift in its PG and research programs from the next academic year. This was done in the following manner:

- a) INTRODUCTION OF CHOICE BASED CREDIT SYSTEM IN SEMESTER PATTERN.

For this the following action was taken :

ACADEMIC ASPECTS

- A thorough study of the UGC document on academic and administrative reforms was done by a team appointed by the Vice-chancellor, coordinated by the IQAC Coordinator. This team included senior professors from all Schools of the University.
- A study of how this system is working in universities abroad and in India was done.
- On the basis of these studies, it was decided to hold one to one meeting with faculty members to inform them about the new system by the team members.
- Simultaneously the basic structure of the new system was worked related to number of semesters, program and semester credits, types of courses etc. This basic structure was communicated to all the departments running post graduate programs and they were requested to prepare the structure of the programs. Special attention was given to adding and changing the areas of specialization keeping in view the developments in the academic fields and the requirements of the job markets.
- Each department made a presentation of their basic structure during a workshop held on Dec 20, 2009.
- Necessary modifications were made in the proposed structures of the programs so that all the programs came to a uniform program credit of 96, with 24 credits per semester and six courses per semester. Application and research focus was ensured by introducing projects, workshops, field work etc. as essential components in the last semester of each program.
- The final structures were scrutinized by IQAC for further submission and approval.
- Meanwhile all the departments were given special powers by the Vice-chancellor to draft the syllabi for all the PG programs covering all the semesters. Each course was to have four or five units of equal weightage.
- The syllabi were then presented to each Board of Studies, scrutinized and amended and passed by the Board by March 2010. These were then given approval in the subsequent meeting of the Academic Council and Executive Council of the University for implementation from June 2010.
- All the structures and syllabi were uploaded on the website of the University for quick transmission.

ADMINISTRATIVE ASPECTS

It was decided to shift to the grading system from the marks system. Further the examination pattern was to be changed. Again to plan and implement these changes a committee was formed under the Chairmanship of the Dr.B.V.Patel, Dean Science faculty with senior officers from all departments and sections of the University as member and the IQAC coordinator was also a member. This committee held many long meetings during which the following was done:

- The work focused on the eligibility, evaluation system, academic calendar, various forms, adoption of grades, methodology of adopting and award of grades to the draft of the mark sheets, thereby covering all administrative aspects of each program.
- It was decided to adopt a seven point grade scale after studying the various recommendations of UGC, current practices in Indian and foreign university and investigating the smoothest path of systemic transformation.
- The evaluation system was also changed to include internal evaluation at PG level.
- The internal evaluation was divided into three parts: attendance, class participation and performance in internal test.
- The internal and end semester university evaluation were fixed in a ratio of 30:70.
- The pattern for end semester university examination of each course was changed to include long questions, short conceptual questions and questions whose answers were to be given in one sentence. further the questions were to be distributed equally among all the units of each course. This would ensure that every student would gain knowledge about the whole content of the course and would not suffer later by omitting the study of some parts through the usual practice of “option”.
- Once these basic decisions were taken, the existing ordinances and rules were checked item by item in minute detail to develop the new ordinances and rules.

- These rules were then duly passed by the executive bodies of the university after being approved by the Vice - Chancellor. these were also uploaded on the website for universal communication.

b) CHANGES IN RESEARCH PROGRAMS - M.Phil. AND Ph.D.

The Gujarat University, vide Letter No. PG. PHD / 63243 / 2010 dated 17.02.2010 formed a committee with the following members to prepare the draft Ordinances, Rules and Regulations for M.Phil. and Ph.D. as per UGC guidelines, with the following members:

- Dr. Sarla Achuthan, Director, B. K. School of Business Management, Gujarat University
- Dr. Shobhana Menon, Director, School of Sciences, Gujarat University
- Dr. Baldev Patel, Dean, Faculty of Science, Gujarat University
- Dr. Vasant Bhatt, Director, School of Languages, Gujarat University
- Dr. H. C. Sardar, Associate Professor, School of Commerce, Gujarat University

Keeping in view the UGC guidelines on the subject, the committee considered the various aspects to be included in the draft Ordinances, Rules and Regulations for M.Phil. and Ph.D. The committee also looked into the existing rules and ordinances of the Gujarat University, fresh rules and ordinances framed by other Universities, both within Gujarat State and outside the State, etc., for preparation of the draft.

The committee met a number of times and discussed and deliberated the draft Ordinances, Rules and Regulations for M.Phil. and Ph.D. Finally the draft rules and ordinances as recommended by the committee was forwarded to the Gujarat University on April 30, 2010. The draft Ordinances, Rules and Regulations recommended included entrance tests for admission to M.Phil. and Ph.D., course work, formation of different committees, permissible no. of students per guide, selection of guides, etc., as per the broad framework of the UGC guidelines. The draft also provided for research inter - disciplinary and multi - disciplinary areas and in emerging disciplines.

SECTION III PLANS FOR THE COMING YEAR 2010 - 11

- **ACADEMIC ACITVITIES**

The main activity planned for the coming year is to introduce the choice based credit system in semester mode in all undergraduate programs.

Further for the PG programs the focus would be to iron out the initial problems in the new system.

Since the graduate program run in the colleges it was planned to hold workshops for colleges so that they can get acquainted with the system.

- **SYSTEMIC DEVELOPMENT**

Since The New System Needs A Change In The Administrative Activities The Plan Was To Develop New Forms, Formats And Soft Ware For New This System.

- **INFRASTRUCTURE DEVELOPMENT**

The Focus Of Infrastructure Development Was In Three Directions. Firstly Planning And Construction Of New Infrastructure. Secondly Plans Were To Be Made And Executed For Improving He Infrastructure And Thirdly The Focus Was On Repairs. Plans Were Also Made To Install An Optical Fiber Network In The Campus For Better Connectivity.

There Were Plans To Seek License For Setting Up A Fm Radio Station In The Campus.

- **PLAN ACITVITIES**

The sanction of UGC was received for the 11th plan during 2009 - 10. The funds allocated under broad heads are to be reassigned to specific activities and different departments. The procurement of Library resources, the development of infrastructure and other activities related to the 11th plan, for which funds have been sanction, would be initiated during this year.

- **SUPPORT TO AFFILIATED COLLEGES**

The main support to affiliated colleges was to guide them in understanding the CBCS system. Focus would also be given to help them implement the CBCS.