

THE ANNUAL QUALITY ASSURANCE REPORT (AUAR) OF THE

IQAC

NAME OF THE INSTITUTION: MAFATLAL GAGALBHAI SCIENCE INSTITUE
(M. G. SCIENCE INSTITUTE)

YEAR OF REPORT: 2011-2012

Annexure

The Format for Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: M. G. Science Institute
Year of Report: 2011 - 2012

Section A: Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement (attach separate sheet if required).

1. To orient students towards the newly launched CBCS semester system
2. To provide assistance to final year students for campus recruitment
3. To encourage students to appear for Cambridge University English language proficiency tests - SCOPE
4. To orient students to enroll for UGC sponsored courses already available on the campus
5. To increase student-teacher interface
6. To start preparation for NAAC re-accreditation.

PART B:

1. Activities reflecting the goals and objectives of the institutions:

M.G. Science Institute is a premier institute imparting quality education in various disciplines of pure science at the graduate and post graduate level. The Institute has distinct objectives in order to impart quality higher education to its student community making them competitive in these changing global realities. Education with the spirit of service to society has been its motto through out its 60 years of existence. The institute promotes a range of curricular and extra curricular activities to achieve its noble mission. Along with academic activities, several other social and cultural activities are arranged to promote the all round development of the students.

2. New academic programme initiated (UG and PG):

- a. The Statistics Dept of the college started DBT STAR College sponsored short term courses in SPSS software. .
- b. New courses related to Embedded System and advanced 'C' language initiated by the Physics Department was given further impetus.

3. Innovations in curricular design and transaction;

There is a constant search for new development and progress at the institute.

The senior faculty members of the institute are members of various boards of study and members of the different committees at the university, so they actively contribute to innovations in curricular design. They are aware about recent changes in their respective fields and they strive to bring about changes in the curriculum.

- a. The Department of Statistics continued to focus on IT to enhance the teaching-learning process. They made use of software like Excel, SPSS and imparted training to the students along with their regular studies.
- b. The Department of English also carried on the good practice of preparing the students in communicative English and encouraged them to take BULLATS – CambridgeUniversity exam. Almost 900 students of the college took this international exam and earned the certification from CambridgeUniversity.
- c. The various departments of the institute encouraged the students to participate in study tours to understand the finer and practical aspects of syllabus prescribed by the university.

[1] Botanical Study Tour to the forest of Silvassa for T.Y. B.Sc. Botany students in December, 2010 led by Dr. B. K. Jain and Dr. A.M.Sukla

[2] Students of T.Y and S.Y. went on a Botanical Excursion to POLO Forest, Vijaynagar, in January, 2012.

[3] An “Educational tour” organized by zoology department at Veraval For S.Y.B.Sc. & T.Y.B.Sc. Zoology students.

[4] Organized study tour at Veraval on 8th to 12th December,2010 T.Y.B.Sc. and S.Y.B.Sc. Zoology students

[5] Organized study tour at Corbat National park and Wild life Institute, Deharadun on 28th February to 6th March, 2011 for S.Y. B.Sc. and T.Y.B.Sc. students.

d. The Institute also encouraged the students to be part of various workshops and seminars organized on the campus to enable them to understand the wider aspects of curriculum giving them the opportunity to go beyond the boundaries of syllabus prescribed for them.

4. Inter disciplinary programme started:

- a.. The statistics department started SPSS training programme attracting the students form departments like Mathematics and physics to take the practical training in the well-known SPSS software.
- b. The college successfully runs inter-disciplinary programmes on Bio-informatics, Geo-informatics, Chem-informatics and Embedded System.
- c. The new interdisciplinary course in C- Language launched.

5. Examination reforms implemented:

- a. Although the institute being an affiliated college, cannot independently initiate examination reforms, the Institute makes every effort to make the process of exam transparent and the key focus is to maintain the inviolability of the exam. In addition to final University exams, the institute conducts two internal exams in the manner that characterizes the superior quality in the conduct of the examination.
- b. The departments ask the students to write the assignments on
- c. The college professors continue to work as invigilators and take active part in the smooth conduct of the exam.
- d. The examination committee of the Institute ensures the sanctity of the exam through secrecy of papers, invigilation and other time tested practices.
- e. Allocation of duty for the invigilators is done through computerized programme and thus fair distribution of duties is ensured.

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

7. Initiative towards faculty development programme. :

- a. A workshop on “Animal biotechnology” programme organized by zoology department for Faculties of zoology of Gujarat university during 27th April,2011 to 3rd June 2011.
- b. A workshop on “Physiology practical” programme organized by zoology department for Faculties of zoology of Gujarat university during 5th June,2011 to 8th June,2011
- c. The Microbiology dept undertook hands on training in Bioinformatics for faculty members in January 2011.
- d. Workshop on “Basic Technique in the Animal Tissue Culture” organized by M.G. Science Institute during 27th April,2011 to 3rd May,2011
- e. **Teacher’s training: “Molecular Biology Workshop”** under the DBT Star College Scheme in collaboration with Chromus Biotech, Bangalore from **3rd to 5th March 2011**. A team of experts from Chromus Biotech provided hands-on training.
- f. The professors of different departments of the college attended 2 day workshop on “E-content Development and Management using Freeware” organized by Department of Physics and Microbiology under DBT Star College Scheme on 11th and 12th February 2012.
- g. Shri D.K. Vaghela and Dr. N.R. Modi attended U.G.C. sponsored workshop on, “Computer Safety and Security” organized by C.U. Science College, Ahmedabad.
- h. State-of-the-Art Plant tissue culture Lab was setup with a grant of Rs 7 Lakhs from Department of Biotechnology and two computers for students were acquired.

8. Total No of seminars/workshops conducted: 9

<u>Title of the work shop</u>	<u>Date of the organization</u>	<u>Name of the Department</u>
Workshop of Administrative & Laboratory Staff	5th March,2012	Administration
Rational Drug Desgning	11 th February 2011	Microbiology
Molecular Biology in technical collaboration with Chromus Biotech	3 rd – 5 th March 2011	Microbiology
'Current Development in Microbial Biotechnology – National Seminar	2 nd January, 2011	Microbiology
“E-content Development and Management using Freeware	12th February 2012	Physics and Microbiology Dept.

Cell Fractionation	6th August, 2010	Statistics
Scope of Statistics in today's Industrial world	1 st February 2011	Statistics
Molecular Biology Workshop	3rd to 5th March 2011,	Botany

9. RESEARCH PROJECTS:

DETAILS OF RESEARCH PROJECTS			
NAME OF THE PRINCIPAL INVESTIGATOR	DEPARTMENT	AMOUNT	FUNDING AGENCY
DR. B. K. JAIN, PRINCIPAL	BOTANY-continued From the last year	500000.00	SAC – ISRO
DR. R.D. SHAH- (GEOLOGICAL TOPOGRAPHICAL MAPPING AND RESERVE ESTIMATION OF BOXITE DEPOSITS OF JAMNAGAR DISTRICT, GUJARAT)	GEOLOGY	1.4 crore	GUJARAT MINERAL DEVELOPMENT CORPORATION
DR. A. M. SHUKLA	BOTANY- Global Coral Reef Mapping	3000000.00	SAC – ISRO
DR. J. H. PARIKH	CHEMISTRY	42500.00	U.G.C.
DR. N. Y. BHATT (D. S. T. KACHCHH PROJECT)	GEOLOGY	700000.00	SAC - ISRO
DR. M. D. SHUKLA	MICROBIOLOGY- SOLID WASTE MANAGEMENT		AHMEDABAD MUNICIPAL CORPORATION
DR. C.V. PANDYA -continued from the last year	PHYSICS	60000.00	U.G.C.
DR. R. D. SHAH (GEOLOGICAL TOPOGRAPHICAL MAPPING AND RESERVE ESTIMATION OF BOXITE DEPOSITS OF JAMNAGAR DISTRICT, GUJARAT)	GEOLOGY,	1.5 crore	GUJARAT MINERAL DEVELOPMENT CORPORATION

10. PATENTS GENERATED, IF ANY: NIL

11. NEW COLLABORATIVE PROGRAMME:

- a. The project on “Dye Degradation” proposed jointly Chemistry, Biochemistry and Microbiology department of our institute.
- b. Under DST a project of around ` 12 lakh on “Assessment of Nutritional of School Going Children” has been sanctioned to Biochemistry dept.
- c. Under the collaboration with SAC-ISRO a project on “CHANDRAYAN” has been successfully carried out.
- d. Under the sponsorship of SAC-ISRO a project on “WETLAND MAPPING” was carried out and Nine Atlases have been released at Shilong – Meghalay by Geology dept.

12. Research Grant received form various agencies:

NAME OF THE PRINCIPAL INVESTIGATOR	DEPARTMENT	AMOUNT	FUNDING AGENCY
DR. B. K. JAIN PRINCIPAL	BOTANY	500000.00	SAC – ISRO
DR. H. V. PANDYA	BIO - TECH	55000.00	U.G.C.
DR. A. M. SHUKLA	BOTANY	3000000.00	SAC – ISRO
DR. J. H. PARIKH	CHEMISTRY	42500.00	U.G.C.
DR. R. D. SHAH	GEOLOGY	340000.00	SAC - ISRO
DR. R. D. SHAH	GEOLOGY	1830000.00	SAC - ISRO
DR. R. D. SHAH	GEOLOGY	270000.00	SAC - ISRO
DR. N. Y. BHATT	GEOLOGY	700000.00	SAC - ISRO
DR. M. D. SHUKLA	MICROBIOLOGY	300000.00	GUJ - COST
DR. C. V. PANDYA	PHYSICS	60000.00	U.G.C.
DR. J. H. PARIKH DR. M. D. SHUKLA MS. V. R. NADAGOUDA	CHEM,ISTRY MICROBIOLOGY BIOCHEMISTRY	500000.00	U.G. C.
		7652500	

13. DETAILS OF RESEARCH SCHOLARS:

NAME OF THE RESEARCHER	RESEARCH AREA
DR. B. K. JAIN PRINCIPAL & PH. D. GUIDE	ADVANCED PLANT EMBRYOLOGY & BIODIVERSITY
DR. R. D. SHAH HEAD, GEOLOGY DEPT & PH. D. GUIDE	CLIMATE CHANGE IN TERRESTRIAL ENVIRONMENT
DR. M. D. SHUKLA	MUSHROOM RESEARCH
DR. H. V. PANDYA HEAD, BIOCHEMISTRY DEPT.	BIOPROSPECTING OF WATER HYACINTH
DR.R.K. PUJARA HEAD, DEPT. OF ENGLISH	LANGUAGE LEARNING AND TESTING
DR. J. H. PARIKH PROFESSOR, CHEMISTRY DEPT	DYE DEGRADATION
DR. P. K. PATEL PROFESSOR, CHEMISTRY DEPT & PH. D. GUIDE	ORGANIC SYNTHESIS AND ITS ANALYSIS
DR. ALPANA SHUKLA	COTTON CROP MODELLING USING REMOTE SENSING

14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:

15. HONORS AND AWARDS TO THE FACULTY: NIL

16. INTERNAL RESOURCES GENERATED:

NAME OF THE COURSE	INCOME GENERATED
CAREER ORIENTED PROGRAMMES	`4,73,700/- (Gross)
EMBEDED SYSTEM	`40,000/- (Gross)
INSTRUMENTATION	NIL

17. Details of departments getting assistance/recognition under SAP, COSIST (ASSIST)/DST, FIST, and other Programmes

- a. DST: Botany, Zoology, Microbiology, Biochemistry, Mathematics, Statistics.
(` 9 lacs to each department)
- b. FIST: Chemistry (` 30 lacs)
- c. IMF: Physics (` 6 lacs)

18. COMMUNITY SERVICES:

- a. Blood Donation Camp is an annual feature on the campus providing so many bottles of blood to voluntary organizations.
- b. Medical check up camp at slum area charity to the needy poor 'Chiranjeevi'.
- c. The students of M. G. Science Institute did a commendable job by donating food packets, clothes, stationery items in the backward area of Ahmedabad and their charitable work was admired by the society and media.

19. TEACHERS AND OFFICERS NEWLY RECRUITED:

- a. Ms. Nittal. Panchal (Physics Dept) JOD. 07.04.2012
- b. Ms. Payal Panchal (Microbiology Dept) JOD 09.04.2012
- c. Mr. Naimesh Chavda (Chemistry Dept) JOD 10.04.2012
- d. Mr. Shivram Bhataya (English Dept.) JOD 12.07.2012

20. TEACHING – NON-TEACHING STAFF RATIO : 2:1

21. IMPROVEMENTS IN THE LIBRARY SERVICES:

Different departments of our institute are connected with INFBLINET.

22. NEW BOOKS/JOURNALS SUBSCRIBED AND THEIR VALUE : Annexure: 1

23. COURSES IN WHICH STUDENT ASSESSMENT OF TEACHERS IS INTRODUCED AND THE ACTION TAKEN ON STUDENT FEEDBACK

Feedbacks are taken at all levels right from the first year to the third year and even also in the professional courses run by the Institute.

24. FEEDBACK FROM STAKEHOLDERS:

- a. Feedbacks from the students are the integral part of the quality assurance at the Institute. They are valued and considered appropriately for the improvement of standards. At different levels feedbacks are administered to measure the students' satisfaction level. **Enclosure-2**

25. UNIT COST OF EDUCATION:

7,07,08,514 / 1704 = 41495/-

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

- a. Our admission process has been computerized since many years and the merit is the main criterion.
- b. The administrative process of examination is cent percent computerized, results are provided in the computerized sheets and internal marking are done through computers. .
- c. Gujarat University puts results on its website and institute issue certificate sent by Gujarat University.

27. INCREASE IN THE INFRASTRUCTURAL FACILITIES

- a. Two new computer labs are made respectively for Career Oriented Programme and Instrumentation Maintenance Facility.

28. TECHNOLOGY UPGRADATION:

- a. New projector is permanently installed in the auditorium-assembly hall of the college to enable the faculty members to use the audio-visual medium for their presentation.
- b. Various departments of the institute are equipped with computers and they are digitally connected through WI-FI.
- c. Whole admission process, examination details i.e. seating arrangement, Examination programme were kept on our website.

29. COMPUTER AND INTERNET ACCESS AND TRAINING TO TEACHERS, NON-TEACHING STAFF AND STUDENTS:

The Institute has four computer laboratories with internet facility which give the opportunities to educators and students to have an access to computers. Most of the educators are computer savvy and make extensive use of technology in teaching and research activities.

30. FINANCIAL AID TO STUDENTS:

The Institute holds Poor Boy's Fund to aid economically backward students. Four poor students got benefit from the institute. Some of the alumni members have pledged financial support to the poor students o the students.

31. ACTIVITIES AND SUPPORT FROM THE ALUMNI ASSOCIATION:

M.G. Science Institute Alumni Association was first activated in the year 2008. Its first meet held in 2008 was a grand success. Many former students turned up to reminisce memories of their Alma mater. There were some eminent business leaders, policy makers, doctors and entrepreneurs to share a common platform with senior faculty members and the present lot of students. . It was an ideal opportunity to renew old bonds, foster new ties and relive the magical moments all over again. It also gave the platform to discuss institute's growth prospects and opportunities for further interaction with the past and present students. The second meet was held in 2010-11.It too brought so many illustrious past students with great determination to contribute to the growth of the Institute. The third meet recently held at Rajpath Club attracted around 275 alumni and they showed willingness to financially support poor students of the college. An alumnus of M.G. settled in the US pledged Rs 9000/ 00 every year to help the poor students.

32. ACTIVITIES AND SUPPORT FROM THE PARENT-TEACHER ASSOCIATION

Through the efforts of the Alumni Association, attempts have been made to strengthen the bond between the parents and teachers. There is a constant link between the teachers and parents through the various media.

33. HEALTH SERVICES:

- a. A camp of Blood grouping and Thalesemiya Check up was organized.
- b. The institute also organized a Blood Donation Camp under the auspices of Shree HummadSamajPragatiSangh and Red Cross, collecting more than 85 bottles of blood.
- c. Every year F. Y. B. Sc. Students get benefit of Medical Check up with the help of Gujarat University.

34. PERFORMANCE IN SPORTS ACTIVITIES:

During the year 2011-12, Our College participated in various Inter College Tournaments. Games like Athletics, Badminton, Basketball, Chess, Cricket, Kho-Kho, Kabbadi, Swimming, Table-Tennis, Volleyball, Judo, etc.

a. Volleyball

In the tournament of volleyball, our boy's team had been runners up against New L.J. Commerce College in the final match and got the 2nd place. HardikChaudhry and Rusindesai were selected for Gujarat University Team. Both the selected athletes then participated in all India West Zone University Tournament.

b. Athletics

Our boys and girls teams participated in the Inter College Tournament of Athletics held in Ahmedabad. In event of 100M Run, Bijal Mehta (female) Secured the 3rd place and overall performance of other players was good.

c. Badminton

In the tournament of badminton, our boys and girls team participated. In this men singles event, Mohhmad Bilal sheikh got 3rd place and men doubles event Mohhmad Bilal sheikh and Farhan sheikh got 4th place.

d. Basketball

In the tournament of basketball, our girls team participated. Our team got 3rd place. Kinjal Patel, Urdhvipatel, Sonamsoni were selected for Gujarat University Team. They went to Rajasthan for participating in all India West zone university tournament.

e. Chess

In the tournament of chess, our college students participated. The performance of the players was good.

f. Kho-kho

Our Boys and Girls team participated in the Kho-Kho Tournament held at L.D.Arts Ground, Ahmedabad. The performance of Boys team was good. Our Girls team got 3rd place. Kalpesh Chaudhry and Kinjal Patel were selected for Gujarat University Team. Both of them then participated in all India West Zone University Tournament held in Maharashtra.

g. Swimming

Three boys participated in the Swimming Tournament held at Gujarat Vidhyapith, Ahmadabad.

h. Table tennis

In the tournament of table tennis, three boys participated in the tournament at University Gymkhana, Ahmedbad

i. Judo

One girl participated in the Judo Tournament at University Gymkhana, Ahmedbad

j. Cricket

Our boy's team participated in the Cricket Tournaments and secured 3rd place in the semifinal match against R.J.T.C. College.

k. Gordhandas Cup

In this tournament, the performance of our team was good in this series.

l. Other Cricket Match

In the GCA Inter College Tournament, Our Team got 3rd place against H.L.C.C.College. Our team also participated in the Navdeep cup and Chimanbhai cup and.

Our faculty member Prof. D. G. Chaudhary, Director, Physical Education was appointed as a convener in “KhelMahaKumbh” organised by State Govt. He was also a member of organizing committee for Swarnim Chess Mahotsav where 20480 chess players played in One Day. Prof. Chaudhary was the signing authority for the Guinness World Record. He played a vital part in the success of the KhelMahakhumbh in Swarnim Gujarat. He was appointed as a State Convener for “VyaymYogKhelkudDhara”organised by Govt. of Gujarat.

35. INCENTIVES TO OUTSTANDING SPORTSPERSONS:

The students who are participating in the sports activities are awarded Internal Marks as follows:

- Inter university level 3 marks
- National level 5 marks
- The sportsmen are duly honoured and awarded prizes for their achievements during the annual function of the institute.

36. STUDENT ACHIEVEMENTS AND AWARDS:

- a. Patel Amit of F.Y.B.Sc. received Eklavya Scholarship for scoring highest marks in Chemistry.
- b. Ms. Saima Saiyed secured First rank in T. Y. B. Sc. Biochemistry University Exam.
- c. Ms. Romi Patel of T. Y. B. Sc. Botany won the Gold Medal in the University exam for securing Highest Marks.
- d. Mr. Javanya Patel got the highest marks in Physics in T.Y.B.Sc.University exams.
- e. Mr. VipulSolanki achieved the Gold Medal for securing highest marks in M. Sc. Geology.
- f. Mr. Varma Ramesh stood first in T. Y. B. Sc. University Exam in Physics in the year 2010 winning three Gold Medals.
- g. Many students of our college participated in Science Excellence and achieved 15 awards in various subjects.
- h. Students of Microbiology dept. Sharma Bhimraj and Bhatt Harshil and other students presented research posters at National conference in January 2010.
- i. Priyadarshi Khushbu and Bhatt Kruti of Microbiology got first prize in Poster Making competition.
- j. Ms. Pooja Mirani of T. Y. B. Sc. Statistics was invited to present a dance performance in Japan under Indo-Japan training programme.
- k. In Swarnim Gujarat State Level Literary Competitions following students won the prizes.
 1. Vyas Maharshi (M. Sc.) (Poetry and Debate Competition)
 2. Sharma Surabhi (S. Y.) (Debate Competition)
 3. Pandya Nidhi (T.Y.) (Essay writing Competition)

➤ NCC:

- a. In this academic year 2011-12 number of students have joined NCC in different wings under the leadership of Dr. B. B. Baldaniya.

- b. 28 students are enrolled in Navy wing, 15 in Air wing, 10 have enrolled in Army wing. This year two students are selected for RDC based in New Delhi. One cadet selected for YEP in Singapore.
- c. Some of the cadets actively participate in different camps such as pre RDC, NIC, NAC, ATC, VAC, and TSC etc.
- d. In this year we have celebrated flag hosting ceremony on 26th Jan 2012, in the presence of principal, Dr B K Jain and chief guest navy officer CPO Das have distributed certificate of best cadets in different wings.
- e. And also all the cadets have actively contributed to different activities such as blood donation camp, tree plantation, AIDS awareness, “Beti Bachavo Abhian”, etc.

➤ **Cultural Activities:**

- a. The cultural events started with the most important of all days – THE TEACHERS’ DAY (5 Sep. 2011). This was the day when the entire students showed their concern and respect towards the teacher.
- b. M.G.SCIENCE team was invited to perform at the Kankaria festival held by the Ahmedabad Municipal Corporation.
- c. As a part of social awareness M.G. Science Institute celebrated “**Tobacco Free Week**” from 17th Oct, 2011 to 22nd Oct, 2011, as part of activity the rally was arranged in college campus for quit tobacco, poster presentation, lecture on cancer, and last all student took an oath to quit tobacco.
- d. Our Dance team also performed at the College Cultural Festival and at the inauguration of Physics seminar held at our institute.
- e. The talent program was conducted the annual extravaganza in which students in large numbers participated in various cultural events of college festival like elocution, group discussion, painting, poem recitation, dump charades etc. Without music life would be a mistake. we all enjoyed the slow, soft musical afternoon.

B. THEATER EVENTS

- a. The M. G. Science Theater Team makes it a point to participate in Gujarat University Youth Festival.
- b. The Drama team also participated in INT completion organized by “**Gujarat Samachar.**”
- c. They also performed plays at annual cultural festival of the Institute.

37. ACTIVITIES OF THE GUIDANCE AND COUNSELLING UNIT

The Guidance and counseling Cell of the Institute is a thriving spot promoting all round development of the students. The career counseling is the key feature of this unit. Students are regularly advised on the various aspects career prospects and personality development. Many guest lectures are conducted at the institute to promote personality Development and career guidance to the students.

- Catalyst, Fed university (Ahmedabad Unit)
- Punyam Management services
- UK Synergy consultants Institute of Clinical research.
Their proposal is under the review of placement cell committee.

38. PLACEMENT SERVICES PROVIDED TO STUDENTS

M.G. Science Institute has a robust set up for the campus placement of final year students. Members of the placement cell are in constant touch with various industries and agencies to augment the placement activities on the campus. The following is the list of companies which have carried out campus interviews at the Institute.

- a. Alpine Health care Ltd has conducted campus interviews. Out of nearly 50 students they have shortlisted 4 students. They were called for another round of interview and TWO of them were offered job.
- b. In the first week of JUNE June 2012 pharma major Zydus -Cadila has conducted campus interviews for the position in their Quality Control Department. One candidate was selected for the position.
- c. In third week of JUNE 2012 Claries Health Care company has conducted campus interviews. They have short listed six students and out of these six three were selected for the job.
- d. The global leader Tata company has offer scrutiny test for position in their Power project. One candidate was called for final interview.

The below listed renowned firms have approached the placement cell for their requirement of skilled graduates.

- a. Reliance HR Services Private Ltd., New Mumbai.
- b. Nirma University, Ahmedabad
- c. Gujarat Environment Management Institute (GEMI) Gandhinagar.
- d. Wipro Infotech Mumbai.
- e. Rotofit Ahmedabad.

The procedure for above is under progress.

39. DEVELOPMENT PROGRAMMES FOR NON-TEACHING STAFF

- a. The institute organized a UGC sponsored state level workshop on the administrative and laboratory staff of the colleges in Gujarat March, 2012. The workshop was aimed at capacity building among the non-teaching members of the college. The main focus was providing training about the various aspects of information technology.
- b. Three computer experts of the college Amit Chauhan, Hardik Yagnik and Alpesh Chhatbar provided hands-on training to the participants of the workshop.

40. GOOD PRACTICES OF THE INSTITUTION:

- a. A Blood Donation Camp is a regular feature of the Institute under the auspices of the Red Cross.
- b. The institute regularly hosts various athletic meets to promote sports.
- c. Medical checkup camp was organized by the students of Microbiology department at slum area.
- d. The institute undertook the project on solid waste management programme working in close collaboration with Ahmedabad Municipal Corporation.
- e. Promoting the students to participate in various science competition held at state and national level.
- f. The Institute always helps poor students by paying their fees from Poor Boy's Fund.

41. LINKAGES DEVELOPED WITH NATIONAL/ INTERNATIONAL, ACADEMIC/RESEARCH BODIES

M.G. Science Institute has linkages with several research Institutes of repute. Many of the research projects have been undertaken in collaboration with ISRO, Physical Research Laboratory and other state and national level agencies.

The placement cell of the Institute has linkages with various private sector industries and many of the students either join these industries as trainees or full time employees.

42. ACTION TAKEN REPORT ON THE AQAR OF THE PREVIOUS YEAR :

The Institute is committed to the promises made last year and worked assiduously to achieve the targets set for the coming year. Most of the targets were achieved with the reasonable degree of success. There is more focus towards technological up-gradation . There are more UGC- sponsored courses for the career enhancement of the students. There are more than 75 computers on the campus for the benefit of the students and faculty.

43. ANY OTHER RELEVANT INFORMATION THE INSTITUTION WISHES TO ADD.

M.G.Science Institute wants to strengthen its relationship DBT and achieve the avowed goal of the status of STAR COLLEGE.

Although the institute achieves sterling university results, it wants to further improve its results. We also want also more university toppers from our college.

Section C: Outcomes achieved by the end of the year (attach separate sheet if required).

Result of Academic Year :2011– 2012 F. Y. B. Sc.

	First Class	Second Class	Pass Class	ATKT	TOTAL PASSED	With Held	Fail Absent	Total
Regular	76	221	64	36	397	7	96	500
Ex-Students			14	8	22	2	15	39
Total	76	221	78	44	419	9	111	539

Total Result = 79%

S. Y. B. Sc.

	First Class	Second Class	Pass Class	ATKT	TOTAL PASSED	With Held	Fail Absent	Total
Regular	189	256	42	30	517	6	13	536
Ex-Students			8		8	2	4	14
Total	189	256	50	30	525	8	17	550

Total Result = 96%

T. Y. B. Sc.

	First Class	Second Class	Pass Class	With Held	TOTAL PASSED	Fail Absent	Total
Regular	166	217	55	12	450	34	484
Ex-Students	--	1	9	1	11	3	14
Total	166	218	64	13	461	37	498

Total Result = 93%

Section D: Plans of the HEI for the next year :

1. The institute will enhance its campus placement activities.
2. The first year students will be provided training in communication and allied soft skills.
3. There will be more use of technology in teaching-learning process. .
4. Faculty members will be promoted to participate in workshops & conferences.

Dr. R. D. Shah
Coordinator

Dr. R. K. Pujara
Co-Coordinator

Dr. B. K. Jain
Chairperson