

## **THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC**

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

YEAR OF REPORT: 2012-2013

### **Annexure**

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

Name of the Institution: M. G. Science Institute  
Year of Report: 2012 - 2013

#### **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 strengthen teaching- learning through ICT
2. To introduce the wi-fi facilities in the institute
3. To help the final year students for campus placement
4. To orient students to enroll for UGC sponsored courses already available on the campus
5. To start preparation for NAAC re-accreditation.

#### **PART B:**

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

M.G. Science Institute has been a cradle of science education delivering quality education for more than six decades in the western region of India. The Institute has specific objectives in order to impart quality higher education to its student community. The institute has realized that it is impossible to deliver quality higher education without the help of technology. The goal of the institute is to equip its various laboratories with the latest equipment. The institute also proposes to enhance its already existing computer infrastructure. The institute promotes various short term and long term courses in order to make its students competitive in the job market.

##### **New academic programme initiated (UG and PG):**

- a. Under the DBT star college scheme the student exchange programme is initiated.
- b. SPSS programme was further expanded with the induction of more licensed software.

## **2. Innovations in curricular design and transaction;**

Innovations in curriculum design does not fall in the purview of the academicians at the institute as the formation of the syllabus is the sole prerogative of the various boards of study at the Institute, but 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. The institute does review the syllabi of the various short term and long term career oriented programmes with the help of the experts from the industry. The students are encouraged to participate in various seminars and workshops organized by the institute. They are also promoted to participate in the 'science excellence programme of the university. 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.

## **3. Inter disciplinary programme started:**

- a.** There is no new inter-disciplinary programme launched by the institute, the institute has further strengthened its popular inter-disciplinary programme by purchasing new soft ware with the help DBT Star college programme.

The college successfully runs inter-disciplinary programmes on Bio-informatics, Geo-informatics, Chem-informatics and Embedded System.

## **4. Examination reforms implemented:**

- a.** The institute does not have much say in the pattern of university exams and it assiduously sticks to the norms laid out by the university.
- b.** There is no reform per se in the examination system, the departments ask the students to write the assignments on the important topics on the syllabus.
- c.** The college professors continue to work as invigilators and take active part in the smooth conduct of the exam.
- d.** As usual the examination committee of the Institute ensures the sanctity of the exam through secrecy of papers, invigilation and other time tested practices.

## **5. Candidates qualified NET/SLET/GATE etc.: NIL**

#### 6. Initiative towards faculty development programme. :

- [Hands on training on Plant Tissue Culture for students on 5th & 6th Nov. 2012, thirty one students participated.
- Hands on training on Plant Tissue Culture for faculty from different colleges on 15th March, 2013. Twelve teachers participated.
- **Dr. Zankhana Rathod** gave a lecture and training on PTC. **Dr. V. N. Upasani** also delivered a talk on “Career opportunities in Biotechnology”.
- **Prof. Diti T. Chokshi** and **Prof. Sunita V. Jha** and a group of students attended an **ICMR** sponsored National seminar on “**Recent advances in Stem cell Research**” on 28<sup>th</sup> Dec, 2012 at S. K. Patel Pharmacy College, **Ganpat University, Mehsana**.
- **Prof. Diti T. Chokshi & Prof. Sunita V. Jha** participated in one day Second Biotechnology Seminar 2013 on “**The Tomorrow that is here today**” held at **AMA, Ahmedabad** on **16<sup>th</sup> March 2013**.
- **Prof. Sunita V. Jha** participated in a workshop on “**Animations in Biology**”, organized by the Department of Microbiology from **25th-30<sup>th</sup> March 2013**.
- A hands on training on “Immunological techniques” was organized for the students of the department on 9th Feb. 2013, they were very satisfied with the experience and gain of knowledge.
- A workshop on “**Assessment of Health status based on body composition**” was organized for students as well as faculty. A lecture by **Prof. Diti T. Choksi** on “Body profile: parameters and nutrition” was delivered to enlighten the audience about the various facets of “**TANITA**” based body profile testing. It was very successful and there has been a demand to repeat the event in near future.

A workshop on “**Technology Enhanced Learning (TEL)**” was organized by the Microbiology and Physics department in association with **CLASSLE Knowledge Pvt. Ltd.**, partners with **NPTEL (IIT, Madras)** in the UGC sponsored Embedded Design Lab. facility on 22 Jan 2013. Faculty members from various departments and other colleges participated in this training. This gave an opportunity to learn about the National Programme on Technology Enhanced Learning (NPTEL), a Govt. of India sponsored collaborative educational programme on development of teaching aids and its sharing through the internet. Seventy seven faculty members including four students participated in two sessions.

2. **Prof. Sneha P. Pandya, Dr. V. N. Upasani, Dr. N. R. Goyal and Mr. Harshil Bhatt** participated in a workshop on “**Animations in Biology**” organized by the department between 25<sup>th</sup> to 30<sup>th</sup> March 2013. **Mr. Niyant Chavda** from **Gateway Education** imparted training on animations using Macromedia Flash.
- 3. **Dr. V. N. Upasani** successfully completed “**Biosafety Online Training Program (BOTP)**” conducted by **Gujarat State biotechnology Mission (GSBTM), Gandhinagar**. Dr. Upasani also attended several other seminars related to Pharmabiotech and IPR.
- **Total No of seminars/workshops conducted: 9**

<b>Title of the work shop</b>	<b>Date of the organization</b>	<b>Name of the Department</b>
Workshop of Administrative & Laboratory Staff	5th March,2012	Administration
<b>Hands on training in Photomicrography</b>	11 <sup>th</sup> to 16 <sup>th</sup> March 2013	Microbiology
<b>Molecular Biology techniques: gDNA isolation from bacteria and Agarose gel electrophoresis of DNA</b>	16 <sup>th</sup> to 18 <sup>th</sup> Jan. 2013	Microbiology
<b>Entrepreneurship Awareness Camp</b>	14 <sup>th</sup> to 16 <sup>th</sup> Feb. 2013	DBT Star college Scheme
“E-content Development and Management using Freeware	12th February 2012	Physics and Microbiology Dept.
<b>Life style: Killer or Savior? (Causes &amp; prevention of cancer</b>	11 Jan. 2013	Microbiology Dept
Hands on training workshop: <b>MS-Office</b>	6 <sup>th</sup> and 7 <sup>th</sup> Oct. 2012	Statistics
<b>Assessment of Health status based on body composition</b>	3rd to 5th March 2012,	Biochemistry
A hands on training on “ <b>Immunological techniques</b>	9 <sup>th</sup> Feb. 2013	Biochemistry
Hands on training on <b>Plant Tissue Culture</b>	15th March, 2013	Botany

## 7. 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 continued From the last year	1.4 crore	GUJARAT MINERAL DEVELOPMENT CORPORATION
DR. A. M. SHUKLA	[1] Calibration and Validation of RISAT-1 SAR Sensor and RISAT-1 SAR Sensor derived Soil Moisture Retrieval” [2] Global Coral Reef Mapping	18lacs 22lacs	SAC – ISRO
Dr. Z. N. Rathod	Botany Phytochemical analysis and Propagation of Argyria	1lac	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

## 8. PATENTS GENERATED, IF ANY: NIL

**9. NEW COLLOBORATIVE 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.

**10. 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.
		<b>7652500</b>	

**11. 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

**12. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:**

**13. HONORS AND AWARDS TO THE FACULTY: NIL**

**14. INTERNAL RESOURCES GENERATED:**

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

**15. 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)

**16. 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.

**17. 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 Bhataiya (English Dept.) JOD 12.07.2012

**18. TEACHING – NON-TEACHING STAFF RATIO : 2:1**

**19. IMPROVEMENTS IN THE LIBRARY SERVICES:**

Different departments of our institute are connected with INFBLINET.

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

**21. 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.

**22. 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**

**23. UNIT COST OF EDUCATION:**

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

**24. 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.

**25. INCREASE IN THE INFRASTRUCTURAL FACILITIES**

- a. new computer labs are made respectively for Career Oriented Programme and Instrumentation Maintenance Facility.
- b. Laboratories are upgraded and strengthened with the help from DBT star college scheme

**26. 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.

**27. 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.

**28. 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.

**29. 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.

**30. 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.

**31. 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.

**32. PERFORMANCE IN SPORTS ACTIVITIES:**

During the year 2012-13 Our College participated in various Inter College Tournaments. Games like Athletics, Badminton, Basketball, Chess, Cricket, Kho-Kho, Kabbadi, Swimming, Table-Tennis, Volleyball, Judo, etc.

**M.G. Science Institute**

Sports Participant Details										
Year Wise										
		2012-13								
No	Name of Tournamnet	I.C.		I. Z.		I.U.		Open Volleyball		Total
		M	F	M	F	M	F	M	F	
1	Athletics	10	10	10	10	0	1	0	0	41
2	Badminton	4	4	4	4	0	0	0	0	16
3	Basketball	0	12	0	12	0	3	0	0	27
4	Chess	4	4	4	4	0	0	0	0	16
5	Cricket	16	0	4	0	3	0	0	0	23
6	Judo	2	2	0	0	0	0	0	0	4
7	Kho-Kho	12	12	12	12	2	0	0	0	50
8	Swimming	3	3	0	0	0	0	0	0	6
9	Table Tennis	4	4	4	4	0	0	0	0	16
10	Volleyball	12	12	12	12	2	1	12	12	75
11	Football	12	0	0	0	0	0	0	0	12
<b>Main Total</b>		79	63	50	58	7	5	12	12	286

#### Hint

\* I.C. = Inter Collage

\* I.Z. = Inter Zonal

\*I.U. = Inter University

#### ➤ NCC:

- In this academic year 2012-13 number of students have joined NCC in different wings under the leadership of Dr. B. B. Baldaniya.
- 24 students are enrolled in Navy wing,5 in Air wing,7 have enrolled in Army wing. This year two students are selected for RDC pared in New Delhi. Some of the cadets actively participate in different camps such as pre RDC, NIC, NAC, ATC, VAC, and TSC etc.
- In this year we have celebrated flag hosting ceremony on 26<sup>th</sup> 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.
- 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. Our Dance team also performed at the College Cultural Festival and at the inauguration of Physics seminar held at our institute.
- c. 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.
- d. Many students took part in Youth Festival of Gujarat University and won the prizes in the categories like dancing, drama and craft.

### **33. 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 kea 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)
- PunyamManagement services
- UK Synergy consultants Institute of Clinical research.  
Their proposal is under the review of placement cell committee.

### **34. 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. The global leader Tata company hasoffer scrutiny test for position in their Power project. One candidatewas called for final interview.
- b. Alpine Health care Ltd has conducted campus interviews. Out of nearly 50 students they have sortlisted 4 students.They were called for another round of interview and TWO of them were offered job.
- c. 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.
- d. 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.

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. NirmaUniversity, Ahmedabad
- c. Gujarat Environment Management Institute (GEMI) Gandhinagar.
- d. Wipro Infotech Mumbai.
- e. Rotofit Ahmedabad.

The procedure for above is under progress.

### **35. 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 AmitChauhan, HardikYagnik and AlpeshChhatbar provided hands-on training to the participants of the workshop.

### **36. GOOD PRACTICES OF THE INSTITUTION:**

- a. A book exhibition was organized on 06<sup>th</sup> to 8<sup>th</sup> February,2013 and many prominent companies participated in it. The book related to Life Sciences.
- b. A Blood Donation Camp is a regular feature of the Institute under the auspices of the Red Cross.
- c. The institute regularly hosts various athletic meets to promote sports.
- d. Medical checkup camp was organized by the students of Microbiology department at slum area.
- e. The institute undertook the project on solid waste management programme working in close collaboration with Ahmedabad Municipal Corporation.
- f. Promoting the students to participate in various science competition held at state and national level.
- g. The Institute always helps poor students by paying their fees from Poor Boy's Fund.

### **37. 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.

**38. 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.

**39. 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.

## Result of Academic Year :2012 – 2013

### F. Y. B. Sc.

	First	Second	Pass	Dist.	ATKT	TOTAL	With	Fail	Total
	Class	Class	Class			PASSED	Held	Absent	
<b>Regular</b>	265	252	37	132		686	3	140	829
<b>Ex-Students</b>									
<b>Total</b>	<b>265</b>	<b>252</b>	<b>37</b>	<b>12</b>		<b>686</b>	<b>3</b>	<b>140</b>	<b>829</b>

**Total Result = 84 %**

### S. Y. B. Sc.

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

**Total Result = 96%**

### T. Y. B. Sc.

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

**Total Result = 93%**

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

- [1] Many of the laboratories are endowed with projectors and the auditorium has a projector as a permanent fixture.**
- [2] The institute has wi-fi facilities at various places.**
- [3] The campus placement is further boosted with more companies participating in campus recruitment**

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

- 1.** The institute will make an attempt to procure more equipment through the grants from DBT star college scheme.
- 2.** There will be more workshops and hands-on training will be carried out for the benefits of the students.
- 3.** There faculty members will strive for more research projects.. .

**Dr. R. K. Pujara**  
**Coordinator**

**Dr. B. K. Jain**  
**Chairperson**