



GOVERNMENT OF MAHARASHTRA
INSTITUTE OF SCIENCE

(Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad)

Nipat Niranjan Nagar, Caves Road,
Aurangabad- 431 004, Maharashtra

ANNUAL QUALITY ASSURANCE REPORT

2009-2010

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(An autonomous institution of University Grants Commission)

P. O. Box No. 1075, Opp. NLSIU, Nagarbhavi, Bangalore – 5600 072,
Karnataka



Annual Quality Assurance Report (AQAR) of the IQAC

Academic Year
2009-2010

PART-A

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

1. Direct goals and objectives of the Institute towards implementable solutions.
2. Encourage the faculty members to contribute to syllabi designing and revisions and to submit proposals for new academic programmes.
3. Provide the guidance and facilities to the students for competitive examinations.
4. Motivate to the teaching staff to participate in faculty development programmes.
5. Organize and encourage the participation at seminars/workshops/conferences.
6. Focus on research activities to be carried out by staff and students and encouraging faculty members to submit research proposals for financial assistance from the funding agencies.
7. Provide consultancy services to industries and institutions.
8. Motivate faculty members and students to participate in extension activities and community services.
9. Submitting proposals to the Public Works Department for maintenance/repairs/construction of facilities in the Institute premises.
10. Invite experts from various fields and alumni for guest lectures, seminars, workshops, conferences, competitive exam guidance, arrangements for summer trainings, industry visits, etc.
11. Provide health facilities and creating health awareness amongst the students.
12. Encourage students to participate in co- and extra-curricular activities.
13. Undertake confidence building measures for students by conducting preliminary examination prior to semester-end examinations of the University.

PART-B

PART B – 1 Activities reflecting goals and objectives of the Institution

1. Approaching towards goals and objectives of the Institute with implementable solutions.
2. Proposals for initiation of new courses were submitted to the Directorate of Higher Education, Pune. Specializations for M.Sc. Biophysics were introduced

with University approval. Syllabus revision workshop was conducted by Microbiology Department.

3. Six students qualified NET and two candidates qualified GATE examination.
4. Two faculty members have completed orientation course and one faculty member has completed refresher course.
5. One National level seminar and one syllabus revision workshop were conducted by faculty members in the Institute.
6. Faculty members published research papers in peer reviewed journals with impact. Six candidates registered for Ph.D. degree under the guidance of the faculty members. Two faculty members were awarded the Ph.D. degree.
7. The Departments provided consultancy services to industries and institutions. The Departments of Geology and Biophysics generated revenue through the consultancy services.
8. NSS unit organized a Blood Donation camp and health check-up camps. The unit also carried out eradication of parthenium grass from the localities.
9. The renovation of Laboratory Building No. 1 was completed.
10. Eight students were selected for summer training in various industries.
11. The students have participated in National level conferences and various extra-curricular activities.

PART B – 2: New Academic programmes initiated (UG and PG)

- The following proposals were submitted to the Secretary/Director, Higher Education, Pune in order to initiate new courses/projects.

Sr. No.	Name of course /project	Department
1	A course on Fermentation Technology	Microbiology
2	A course on Remote Sensing	Geology
3	A course on Cytogenetics and Plant Breeding	Botany
4	Establishment of National Research Laboratory in Biological Sciences (NRLBS) housing sophisticated instrumentation for analytical purpose and implementation of Short Term, Long Term and “In-plant” training courses under the banner of NRLBS.	Biophysics

PART B – 3: Innovations in curricular design and transaction

- New syllabus was designed for M.Sc. Biophysics course with Specialization.
- Workshop on Revision of M.Sc. Microbiology syllabus conducted in Microbiology department.
- Members of the Teaching Staff hold numerous responsible positions in University appointed committees, take important decisions and thereby

contribute to value addition in the teaching-learning process. A list of staff members serving on University committees is given below:

- Dr. Mrs. S. M. Dharmadhikari, Member, Ad-hoc Board, Microbiology
- Mr. S.G. Kulkarni, Chairman, Ad-Hoc Board, Biophysics
- Mrs. A. S. Vinchurkar, member, Ad-hoc Board, Biophysics
- Dr. S.M. Deshpande, Chairman, Ad-Hoc Board, Geology

All of the above mentioned staff members were members of committees constituted for the purpose of framing syllabi of the respective PG programs.

PART B – 4: Interdisciplinary programme started

- The subjects in which postgraduate and research training is implemented are interdisciplinary in nature. The subject content of M.Sc. courses includes the interdisciplinary and application-based approach. Students register for Ph.D. in Biotechnology under the interdisciplinary Ph.D. programme.

PART B –5: Examination reforms implemented

- Exam reforms are under the purview of the University constituted Ad hoc Boards of the concerned subjects. Therefore, the procedures adopted are as put forth by the Academic Council of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Revised syllabi of various subjects were implemented as per the guidelines of the University. Examinations were conducted according to the pattern prescribed by the University.

PART B – 6: Candidates qualified - NET/SET/GATE etc.

Name of examination	Number of qualified candidates
NET	06
GATE	03

PART B – 7: Initiative towards faculty development programme

- Participation of faculty members in various training courses / refresher courses.

Sr. No.	Name of faculty member	Faculty development programme	Department
1.	Mrs. S. K. Jangam	Refresher course at ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Biotechnology
2.	Dr. A. N. Dongre	Orientation course at ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Geology

3.	Mr. A. G. Jadhav	Orientation course at ASC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Microbiology
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PART B – 8: Total number of seminars / workshops conducted: 2

Sr. No.	Conference / workshop / seminar	Organized by
1.	National Seminar on Emerging Trends in Biodiversity and Environment	Institute of Science, Aurangabad.
2.	Workshop on Revised syllabus	Department of Microbiology

PART B – 9: Research Projects a) Newly Implemented b) Completed

Sr. No.	Name of Investigator	Funding Agency	Completed / Ongoing
1	Dr. M. A. Sonar	Department of Science & Technology, New Delhi.	Ongoing

PART B – 10: Patents Generated, if any: Nil**PART B – 11: New Collaborative Research Programme**

Collaborative Research and training programmes involving local hospitals were executed by Biophysics Department with an aim to gain in-plant experience.

PART B – 12: Research grants received from various agencies

Sr. No.	Name	Funding Agency	Amount (Rs.)
1	Dr. M. A. Sonar	DST, New Delhi	14,00,000

PART B – 13: Details of Research Scholars:

S. N.	Name of Research Scholar	Subject	Name of the Guide	Year of Registration	Year of Award
1	Ms. Agane V. H.	Microbiology	Dr. S.M. Dharmadhikari	2008	----

2	Ms. Padalkar R.R.	Microbiology	Dr. S.A. Peshwe	2008	----
3	Mr. Gurusahani Y.H.	Biotechnology	Dr. S. G. Gupta	2008	----
4	Mrs. Shete Arusha	Biotechnology	Dr. S. G. Gupta	2008	---
5	Mr. Madanne V.V.	Biotechnology	Dr.S.M. Dharmadhikari.	2008	---
6	Ms. Dange V.U.	Biotechnology	Dr. S.A. Peshwe	2008	----
7	Ms. Bhatpude A. A.	Geology	Dr. S. M. Deshpande	2008	----
8	Mr. Subukade V. D.	Geology	Dr. S. M. Deshpande	2008	---
9	Mr. Shinde K. S.	Botany	Dr. R. A. Satpute	2008	----
10	Mr. Fultambekar R. V.	Botany	Dr. R. A. Satpute	2008	----
11	Mr. Suradkar S. W.	Botany	Dr. R. A. Satpute	2008	----
12	Mrs. Surve S. P.	Botany	Dr. R. A. Satpute	2008	----
13	Mr. Gaikwad Sharad	Geology	Dr. M. A. Sonar	2008	---
14.	Mr. Narendran Nair	Botany	Dr. K.G. Joshi	2003	2009
15.	Mr. V. R. Tembhurne	Botany	Dr. S. P. Nanir	2008	

PART B – 14. Citation Index of Faculty members and impact factor

Name of the Faculty member	Department	Impact Factor	Citations
Dr. S. M. Deshpande	Geology	1.062	
Dr. A. N. Dongre	Geology	8.556	
Dr.Mrs. S.M.	Microbiology	0.595	2.0

Dharmadhikari			
Dr.Mrs. S.A. Peshwe	Microbiology	0.55	2.0
Dr.SaheraNasreen	Botany	0.12	--

PART B – 15. Honors/Awards to the faculty

- 1) Dr. R. R. Deshpande was appointed as Joint Director Higher Education (Additional Charge), Maharashtra State by Director of Higher Education, Government of Maharashtra.
- 2) Dr. R. R. Deshpande was nominated as member Board of management of Gokhale Institute of Politics and economics (Deemed University) by Director of Higher education, Govt. of Maharashtra for 2006-2013.
- 3) Dr. R. R. Deshpande was nominated as Government nominee on the governing body of Kaivalya Dhama Samiti Lonavala by Director of Higher education, Govt. of Maharashtra for 2009-2011.
- 4) Dr. R. R. Deshpande was nominated member Secretary on Career Advancement schemes constituted by Govt. of Maharashtra for placement of teachers of Government colleges and Institutes of Maharashtra State for 2009-2011.
- 5) Dr. R.R. Deshpande was authorized by Government of Maharashtra Department of higher and technical education to file 42 leave petitions in Hon'ble Supreme Court, New Delhi during 2009-2013.
- 6) Dr. R. R. Deshpande worked as a member of screening committee for State level awards bestowed by Govt. Of Maharashtra during 2009-2011.
- 7) Mrs. A. S. Vinchurkar (Associate Professor in Biophysics) was conferred with Ph.D. degree of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- 8) Shri A. N. Dongre (Assistant Professor in Geology) was conferred with Ph.D. degree of Rashtrasant Tukadoji Maharaj University, Nagpur.

PART B – 16. Internal Resources generated

Sr. No.	Name of Department	Resource generated (Rs.)
1.	Biophysics	3200 (through consultancy)
2.	Geology	3000 (through consultancy)

PART B – 17. Details of Departments getting SAP, COSIST / DST / FIST etc. assistance/recognition

- Nil

PART B – 18. Community services

- Students of NSS unit carried out regular activity of eradication of parthenium grass.
- NSS unit conducted Blood Donation camp.

PART B – 19: Teachers and Officers newly recruited

No new recruitments were made for the academic year.

PART B – 20: Teaching, Non-Teaching ratio

- Ratio = 1.13:1

PART B – 21: Improvement in the Library Services

- New books and periodicals were purchased during the academic period.

PART B – 22: New books / Journals subscribed and their values

Purchase of journal/books	Total number of journals/books	Cost in Rs.
Indian journals	13	18,879
Foreign journals	10	2,72180
Books	231	1,57818
Total	254	4,48877

PART B – 23: Courses in which student assessment of teachers is introduced and action taken on students feedbacks

Student feedback is obtained for all the courses conducted in the Institute. Based on the serious note of the feedback the specific issues are addressed with immediate effect.

The teachers are assessed regularly through the performance appraisal and confidential reports and on the basis of the teaching record, attendance record, annual report and result record.

PART B – 24. Unit cost of education

Year	Student Intake	Unit cost with salary component (Rs.)	Unit cost with non-salary component (Rs.)
2009-10	184	79667.0	31600.83

PART B – 25. Computerization of administration and the process of admissions and examination results and issue of certificates

- The administration section is partially computerized and therefore computerized mechanism is used for administration and process of admission.
- Admission process is executed through computerization since 1992.
- Examination process is under the purview of the affiliating University and it is computerized.
- College has its own website, which is updated for the convenience of the users.
- College has its own e-mail ID for timely and convenient communication with students, parents and other stakeholders.

PART B – 26. Increase in the infrastructural facilities

Sr. No.	Description of work	Expenditure (Rs.)
1.	Renovation of remaining part of laboratory building number one	18.53 lakhs.

PART B – 27. Technology up-gradation

- Computerized electrophysiological data acquisition and analysis system was acquired by the Biophysics department as a part of up-gradation from kymographic recordings.

PART B – 28. Computer and internet access and training to teachers and students

- Teachers have undergone training in computational biology and bioinformatics experimentation at C-DAC, Pune.
- The lectures and seminars in all the departments were engaged by faculty members using LCD Projectors and other ICT resources.
- Internet facilities were used by students and faculty members for downloading educational resources and literature for research work.

PART B – 29. Financial aids to students

The state government provides financial assistance for the students from weaker sections in the society such as the SC/ST/OBC and economically backward class. Approximately 50% of the students from M.Sc. course receive the scholarships and free ships. The institute facilitates disbursement of the financial aid from the government in the form of:

- Government of India Scholarship
- Government of India freeship
- Scholarship for economically backward (EBC) students
- Minority scholarship
- Scholarship for wards of Primary teachers (PTC)
- Scholarship for wards of secondary teachers (PTC)

- Merit scholarship

PART B – 30. Activities in support from alumni association

- Alumni employed at national and International institutions visit the Institute and mentor the students.
- The Alumni are invited to interact with students and faculty members, share their expertise, deliver lectures and suggest revisions in the syllabi.
- Alumni support students in recruitments and summer trainings.

PART B – 31. Activities in support from Parent – Teacher Association

- Parent-teacher association is yet to be established in the Institute. However, parents are invited for feedback on the curriculum. Parents and teachers meet regularly and parents are kept apprised of the Departmental and Institutional activities.
- The faculty members interact closely with the parents to appraise them about the progress of the students and expectations of the institute.
- Parents are invited for discussion or counseling in order to find solutions for problems faced by individual students.

PART B – 32. Health Services

- Health checkup camp was organized on 9th December, 2010 in the boys' hostel.
- Blood donation camp and Health checkup camp was organized in association with MGM Blood Bank, Aurangabad and Dhoot Hospital, Aurangabad on 2nd February 2010.
- Health facility is available at all the Government hospitals. In addition, the students can visit DKMM Homeopathic Hospital which is adjacent to the Institute.

PART B – 33. Performances in sport activities

- Students participated in annual sports event which is conducted by the institute every year.

PART B – 34. Incentives to outstanding sports person

- During annual social gathering various sports events like Cricket, Volley ball, Chess, Table tennis and Badminton were organised. Students were felicitated for their outstanding performances.

PART B – 35. Students' achievements and Awards

Sr. No.	Name of the student	Department	Achievement
1	Mr. Balaji Agalave	Microbiology	Received PhD. degree in Biotechnology
2.	Mr. Ajay Irmale	Biophysics	Qualified NET-LS
3.	Mr. Shafeeq M.T.	Biophysics	Qualified NET-LS
4.	Ms. Zareena Shaikh	Microbiology	Qualified GATE in Life Sciences
5.	Ms. Archana Jadhav	Microbiology	Qualified GATE in Life Sciences
6.	Mr. Manoj Jadhav	Microbiology	Qualified GATE in Life Sciences
7.	Mr. Takale Badrinath	Geology	Qualified MPSC examination
8.	Ms. Archana Baile	Geology	Qualified MPSC examination
9.	Ms. Agraja Dharmarao and Ms. Shital Deshmukh	Microbiology	Won 1 st Prize in the National Conference on Biotechnology at Osmanabad for the presentation entitled "Microbes can drive vehicles"
10.	Ms. Archana Jadhav, Ms. Deepika Deshpande and Ms. Amruta Joshi	Microbiology	Won 2 nd Prize in the National Conference on Biotechnology at Osmanabad for the presentation entitled "Wonders of probiotics"

PART B – 36. Activities of the guidance and counseling unit

- Students were provided with information regarding admissions and counseling is done at the start of every academic year. Counseling is done throughout the year to explain the scope, applicability and opportunity in the concerned subjects.
- Students were guided for different competitive exams.
- Woman's redressal cell addressed the problems of the girl students' and provided counseling.

PART B – 37. Placement services provide to student

- Students were provided with guidance for getting good placements in different industries as well as various government organizations.
- Guidance/recommendations are given to students for joining different organizations for summer trainings and placements.
- The of employment advertisement have been displayed throughout the year for providing assistance in placements.

PART B – 38. Development programme to non-teaching staff

- The non-teaching staff members were encouraged to undertake the computer courses.

PART B – 39. Healthy practices in the Institution

- Admission process to P.G. Courses is strictly on merit in qualifying examinations and is transparent.

- The Institute has motivated the students to organize programmes such as Annual Gathering, Science Day and Guest Lectures and seminars.
- Microbiology and Botany departments have provided microbial cultures free of cost to various colleges.
- Botany department offers services to the Government Forensic Laboratory.
- Summer trainings are organized for students in various industries.
- Blood donation camp is organized every year.
- Annual Social Gathering is organized in the Institute to spread harmony.
- Student staff ratio is appropriate and makes teaching learning process very conducive and formative.
- Institute caters the need of the society through National Science Day celebrations and invited talks by eminent personalities.
- Students are guided and motivated to prepare concise but in-depth descriptive cards of terms/concepts pertaining to the syllabus, now popular as the “R R Pattern”.

PART B – 40. Linkages developed with National / International, Academic / Research Bodies

- Students are encouraged to undertake Summer project / training in various National Institutes and Research Industries.

Name of the student	Department	Name of the research institute where summer training was offered	Duration of training
Ms. Munesha Kazi	Biotechnology	BARC, Mumbai	3 Months
Ms. Aparna Mahalpure	Biotechnology	NCL, Pune	1 Month
Mr. Ganesh Gaikwad	Geology	Maharashtra Remote Sensing application centre, Nagpur	3 Months
Mr. Chetan Rupwate	Geology	Maharashtra Remote sensing application centre, Nagpur	3 Months
Mr. Abhijeet Mali	Geology	Maharashtra Remote sensing application centre, Nagpur	3 Months
Mr. Neeraj	Geology	Maharashtra Remote sensing application centre, Nagpur	3 Months
Ms. Sunita Ingle	Biophysics	Dept. of Radiotherapy, Kamal Nayan Bajaj Hospital Aurangabad	2 months

Ms. Varsha Salunke	Biophysics	Dept. of Radiotherapy, Kamal Nayan Bajaj Hospital Aurangabad	2 months
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PART B – 41. Any other relevant information the institution wishes to add

The Following faculty members actively participated in other academics related work detailed below:

Sr. No.	Name of Faculty Member	Details of Participation
1	Dr. Sahera Nasreen	<ol style="list-style-type: none"> 1. Attended National Seminar on “Emerging trends in Biodiversity and Environments” organized by Govt. Institute of Science, Aurangabad. 2. Attended 5 days regional workshop on SENSITIZATION, AWARENESS & MOTIVATION
2	Dr. Mrs. S. M. Dharmadhikari	<ol style="list-style-type: none"> 1. Conducted Biotechnology Entrance Examination in the Institute for admission of students to the 1st year of M.Sc. Biotechnology course 2. Worked as a co-ordinator of the Workshop on Revised Syllabus of Microbiology. 3. Invited as a chief guest in the workshop on Revision of syllabus of B.Sc. Biotechnology at Deogiri college, Aurangabad 4. Worked as a member of the admission committee for B.Sc. in Forensic Science and P.G. Diploma in Forensic Science 5. Worked as a member of interview committee as a subject expert for CAS appointed by DHE. 6. Appointed by Joint Director, Aurangabad as a Govt. Representative in Inspection committee for the approval of grants to various colleges in Jalna District. 7. Appointed as a member of BOE of forensic Sciences by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 8. Worked as member of Biotechnology committee for approval of Biotechnology proposals. 9. Worked as a member of organising committee at National conference organised by Govt. Institute of Science, Aurangabad.
3	Dr. Mrs. S. A. Peshwe	<ol style="list-style-type: none"> 1. Conducted Biotechnology Entrance Examination at the Institute. 2. Worked as a member of affiliation committee of Dr. Babasaheb Ambedkar Marathwada University,

		<p>Aurangabad.</p> <ol style="list-style-type: none"> 3. Worked as a member of Local Inspection committee of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 4. Worked as a member of placement committee and member of selection committee for lecturers at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 5. Worked as a member of organizing committee in the Workshop on Revised Syllabus of Microbiology. 6. Worked as a member of Admission committee for B.Sc. and P.G. Diploma in Forensic Science. 7. Worked as a Subject expert (Vice Chancellor's nominee) in interview committee at Deogiri college, Shiv Chatrapati college and MGM college, Aurangabad. 8. Appointed by Joint Director, Aurangabad as a Govt. Representative in Inspection committee for the approval of grants to various colleges in Jalna District. 9. Appointed as a Chairman of BOE of forensic Sciences by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. 10. Worked as a member of organising committee at National conference organized by Govt. Institute of Science, Aurangabad. 11. Worked as member of Biotechnology committee for approval of Biotechnology proposals. 12. Worked as member of BOE for MSc. Biotech MSc. Microbiology, M.Sc.Genetics and B.E. Biotechnology and B. Pharm.
4	Dr. A. G. Jadhav	<ol style="list-style-type: none"> 1. Conducted Biotechnology Entrance Examination at the Institute. 2. Worked as a member of organising committee in the Workshop on revised Syllabus of Microbiology. 3. Worked as a member of Admission committee for B.Sc. and P.G. Diploma in Forensic Science. 4. Submitted molecular information to international database. 5. Worked as a Subject expert in interview committee at Deogiri college, Aurangabad. 6. Presented research paper at National Conference held at Akola. 7. Worked as a member of organising committee at National conference organised by Govt. Institute of Science, Aurangabad. 8. Worked as a member of organizing committee and Treasurer in National Conference held in the Institute. 9. Worked as a member of examination committee in SRTMU, Nanded , NMU, Jalgaon and SGBAU, Amravati

	Mr. S.G. Kulkarni	<ol style="list-style-type: none"> 1. Worked as Government nominee in interviews committees and career advancement scheme in University and affiliated colleges. 2. Worked as Co-ordinator of admission committee for B.Sc and PG diploma in Forensic Sciences. 3. Appointed by Joint Director, Aurangabad as Chairman of Inspection committee for grant of colleges at Jalna District. 4. Worked as a member of DIC based Biotechnology proposal assessment committee. 5. Nominated as Academic Co-ordinator, Bal Vigyan Congress of Aurangabad district by Department of Science and Technology, New Delhi
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Part C: Outcomes achieved by the end of the year

1. Approaching towards goals and objectives of the Institute with implementable solutions.
2. Proposals for initiation of new courses were submitted to the Directorate of Higher Education, Pune. Specializations for M.Sc. Biophysics were introduced with University approval. Syllabus revision workshop was conducted by Microbiology Department.
3. Six students qualified NET and two candidates qualified GATE examination.
4. Two faculty members have completed orientation course and one faculty member has completed refresher course.
5. One National level seminar and one syllabus revision workshop were conducted by faculty members in the Institute.
6. Faculty members published research papers in peer reviewed journals with impact. Six candidates registered for Ph.D. degree under the guidance of the faculty members. Two faculty members were awarded the Ph.D. degree.
7. The Departments provided consultancy services to industries and institutions. The Departments of Geology and Biophysics generated revenue through the consultancy services.
8. NSS unit organized a Blood Donation camp and health check-up camps. The unit also carried out eradication of parthenium grass from the localities.
9. The renovation of Laboratory Building No. 1 was completed.
10. Eight students were selected for summer training in various industries.
11. The students have participated in National level conferences and various extra-curricular activities.

Part D: Detail plans of institution for the next year

1. Approaching towards goals and objectives of the Institute with implementable solutions.
2. Encouraging the faculty members to contribute to syllabi designing and revisions.
3. Motivation to the teaching staff in faculty development programmes.

4. Organization of and participation at seminars/workshops/conferences at the state and national level.
5. Focus on research activities to be carried out by staff and students, motivating faculty members for up-gradation of research activities and self development through submission of major and minor research projects to the funding agencies, research guidance and publications in reputed journals.
6. Providing consultancy services to industries and institutions.
7. Motivating faculty members and students to participate in extension activities and community services.
8. Inviting experts from various fields and alumni for guest lectures, seminars, workshops, conferences, competitive exam guidance, arrangements for summer trainings, industry visits, etc.
9. Providing health facilities for students and creating health awareness amongst the students.
10. To encourage students to participate in co- and extra-curricular activities.
11. To undertake efforts to submit research proposals to different funding agencies.
12. To provide the guidance and facilities to the students for competitive examinations.
13. To undertake confidence building measures for students by conducting preliminary examination prior to semester-end examinations of the University.