

Institute of Engineering & Technology Academic Audit Report

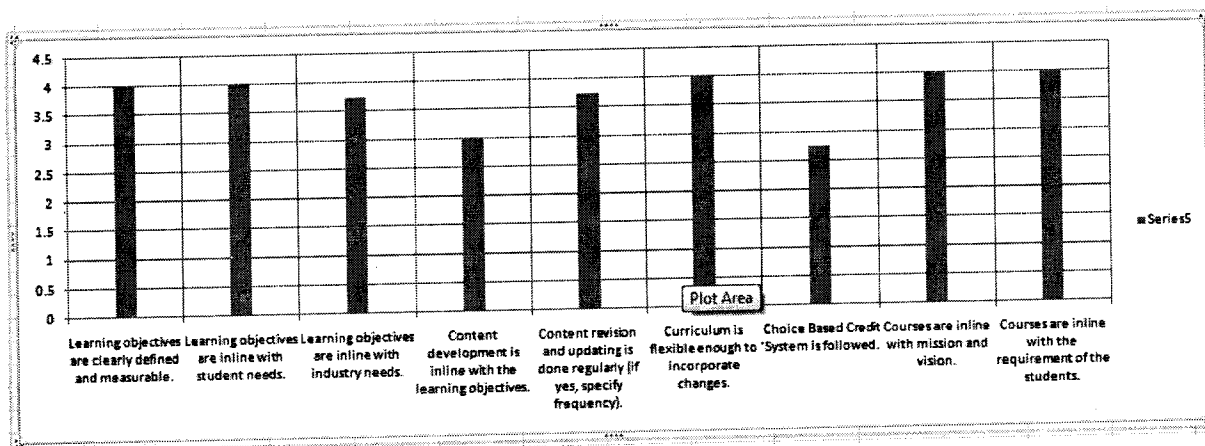
Academic Audit for the Institute for last four sessions from 2014-15, 2015-16, 2016-17 and 2017-18 was conducted from eminent academicians on five point likert scale. The Academic audit was conducted on SIX criteria's as listed below.

- I CURRICULUM DEVELOPMENT
- II TEACHING AND LEARNING PROCESS
- III EVALUATION PROCESS
- IV RESEARCH ACTIVITIES
- V INFRASTRUCTURE AND LEARNING RESOURCES
- VI COCURRICULAR ACTIVITIES

I CURRICULUM DEVELOPMENT :

Criteria one contains 9 sub criteria's shows overall good performance with learning objectives and curriculum flexibility. Choice based credit system adopted since 2015 and need some improvement in curriculum development. Internship programme of six months (optional) introduced for B.E. IV year students from calendar year 2018-19. They have to learn two subjects of relevant branch from SWAYAM Portal. This gives new dimension to learning process.

I. CURRICULUM DEVELOPMENT	Mean Score
1. Learning objectives are clearly defined and measurable.	4
2. Learning objectives are inline with student needs.	4
3. Learning objectives are inline with industry needs.	3.75
4. Content development is inline with the learning objectives.	3
5. Content revision and updating is done regularly (if yes, specify frequency).	3.75
6. Curriculum is flexible enough to incorporate changes.	4
7. Choice Based Credit System is followed.	3.75
8. Courses are inline with mission and vision.	4
9. Courses are inline with the requirement of the students.	4
Overall Mean	3.694444



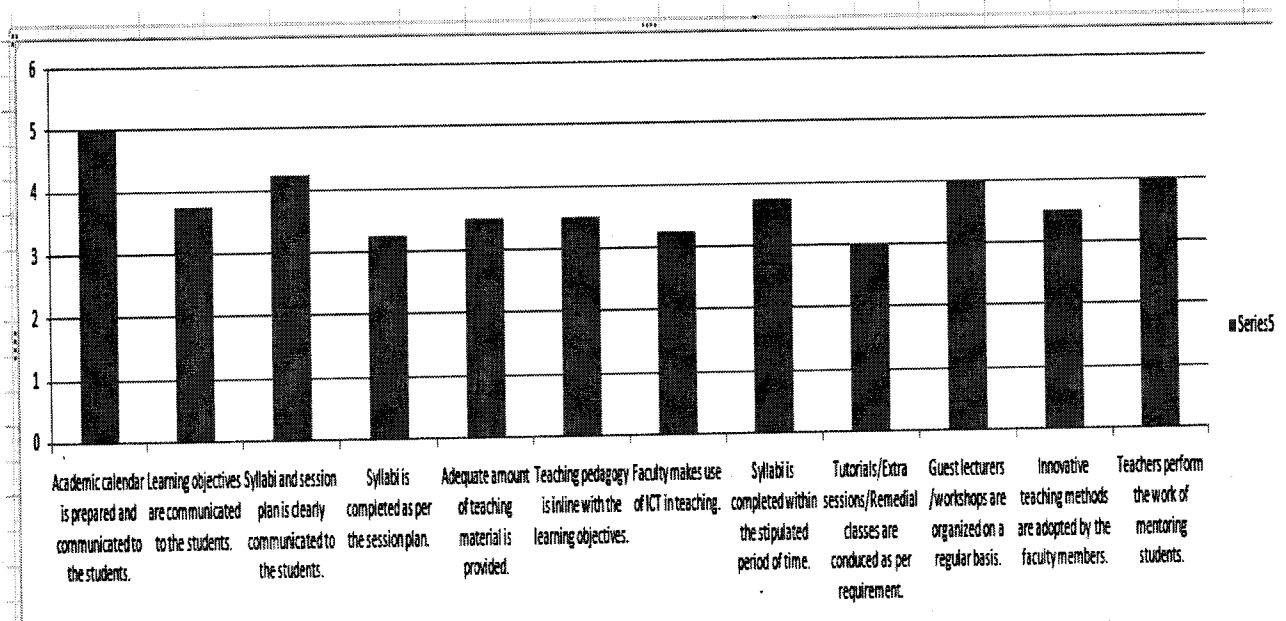
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II TEACHING AND LEARNING PROCESS:

Criteria II contain 12 sub criteria. Teaching/ learning process is made on time with academic calendar display and is disseminated to all teachers, students and staff timely with proper follow up and evaluation. Innovative teaching learning methods in practice with syllabi updation is done with timely completion. Use of ICT methods is widely used by teachers. Guest lectures, tutorials, extra classes, enrichment classes, mentoring and workshops are in well practice and is done time to time. 355 Students have cleared GATE/CAT/GRE competitive examinations and apx 1700 placements since last NAAC accreditation.

TEACHING AND LEARNING PROCESS	Mean Score
1. Academic calendar is prepared and communicated to the students.	5
2. Learning objectives are communicated to the students.	3.75
3. Syllabi and session plan is clearly communicated to the students.	4.25
4. Syllabi is completed as per the session plan.	3.25
5. Adequate amount of teaching material is provided.	3.5
6. Teaching pedagogy is inline with the learning objectives.	3.5
7. Faculty makes use of ICT in teaching.	3.25
8. Syllabi is completed within the stipulated period of time.	3.75
9. Tutorials/Extra sessions/Remedial classes are conducted as per requirement.	3
10. Guest lecturers /workshops are organized on a regular basis.	4
11. Innovative teaching methods are adopted by the faculty members.	3.5
12. Teachers perform the work of mentoring students.	4
Overall Mean	3.729167

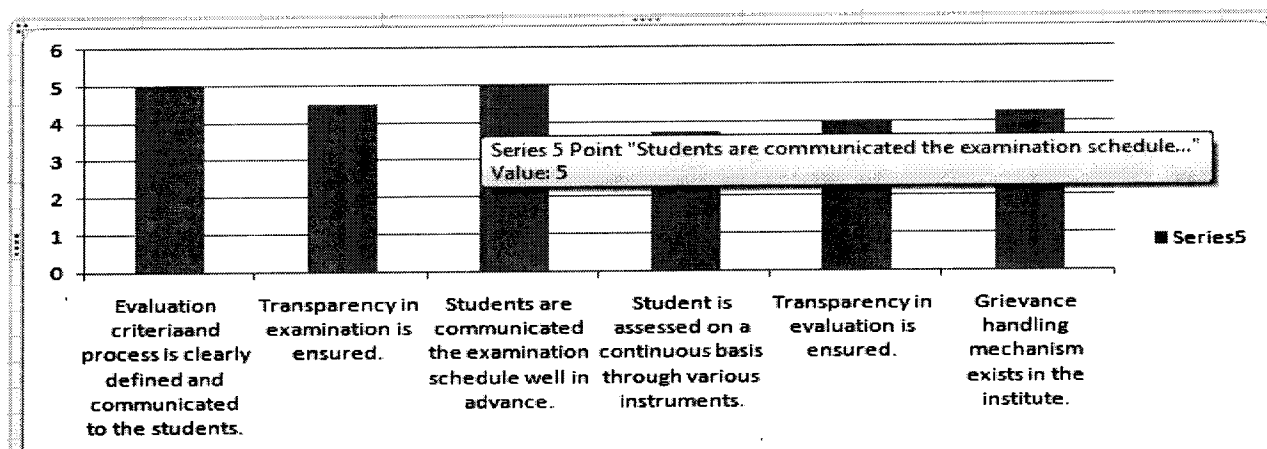


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III EVALUATION PROCESS

Examination conducted as per the schedule in academic calendar. According to CBCS, answer sheet shown to the students before declaring result. Evaluation process is done on Transparent and fair basis and is communicated to students on time and result declared on time.. Grievance handling mechanism is maintained in Institute.

EVALUATION PROCESS	Mean Score
1. Evaluation criteria and process is clearly defined and communicated to the students.	5
2. Transparency in examination is ensured.	4.5
3. Students are communicated the examination schedule well in advance.	5
4. Student is assessed on a continuous basis through various instruments.	3.75
5. Transparency in evaluation is ensured.	4
6. Grievance handling mechanism exists in the institute.	4.25
Overall Mean	4.416667

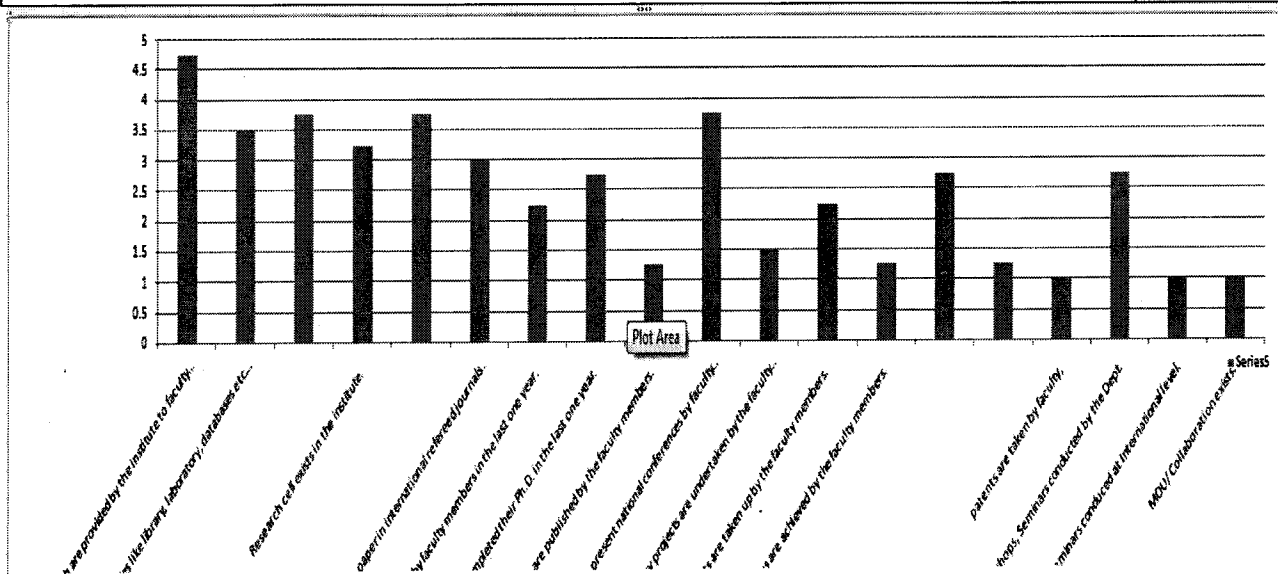


IV RESEARCH ACTIVITIES

This criteria evaluated on the basis of 19 sub criteria. Faculties in Institute has four number of Research Projects: with total grants sanctioned 59,44,256/-. One International collaboration of Rs. 8,01,250/- approved. Institute have good number (70) of PhDs students registered . Institute faculties have 199 research papers published in National/ International Journals and 111 Conference papers. 06 books published with ISBN .Faculties attended workshops, orientation programs, projects . Faculties are motivated with research culture and financial support for research publication and for attending workshops and conferences. Attention is required for more the research projects , patents and MOU Collaborations with research /Industrial organizations.

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RESEARCH ACTIVITIES	Mean Score
1. Funds for research are provided by the institute to faculty members	4.75
2. Research facilities like library, laboratory, databases etc. are made available.	3.5
3. Monetary and non monetary incentives are given to faculty members for the promotion of research culture.	3.75
4. Research cell exists in the institute.	3.25
5. Research papers in national referred journals are published by faculty members in last year as per UGC list.	3.75
6. Research paper in international refereed journals published by faculty members in last year as per UGC list.	3
7. Ph.D. awarded by faculty members in the last one year.	2.25
8. Faculty members completed their Ph.D. in the last one year.	2.75
9. Books are published by the faculty members.	1.25
10. Papers are present national conferences by faculty members.	3.75
11. Consultancy projects are undertaken by the faculty members.	1.5
12. Funded projects are taken up by the faculty members.	2.25
13. Award/recognitions are achieved by the faculty members.	1.25
14. Collaborative Research activities are under taken by the dept.	2.75
15. Consultancy projects which lead to solution of specific social/business problems.	1.25
16. patents are taken by faculty,	1
17. Workshops, Seminars conducted by the Dept.	2.75
18. Workshops, Seminars conducted at International level.	1
19. MOU/ Collaboration exists.	1
Overall Mean	2.460526



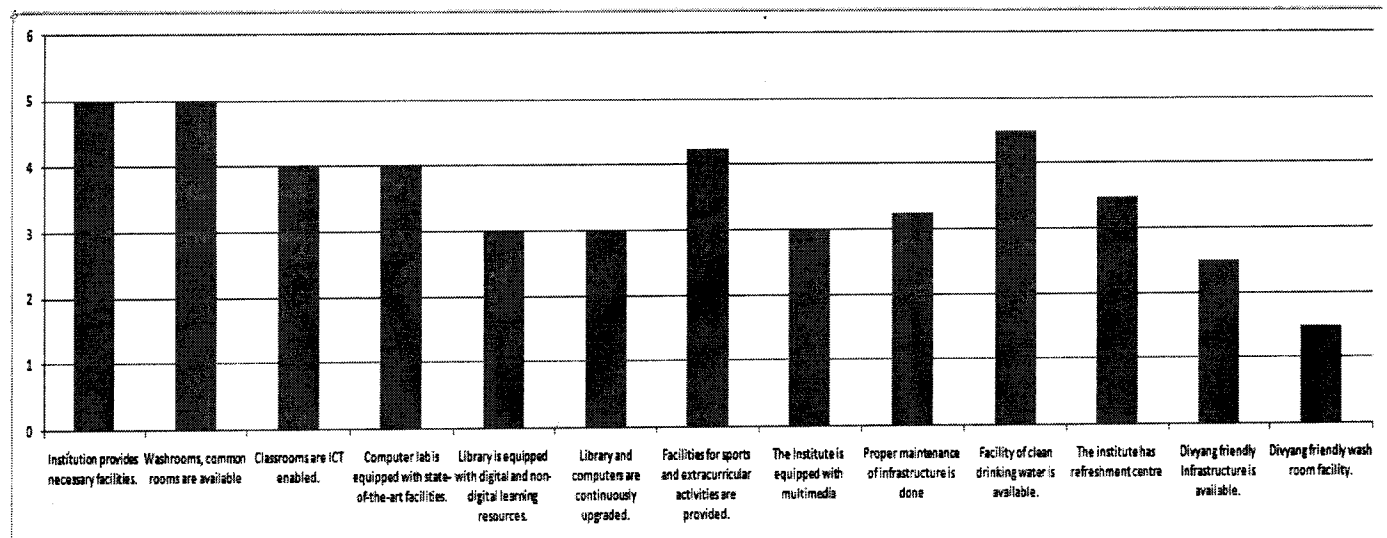
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V INFRASTRUCTURE AND LEARNING RESOURCES

Institute have about 40 acare of land for the infrastructural development. Each department have separate building with basic amenities. Classrooms are ICT enabled, well equipped labs, Library, computer labs, multi media theatre, sports facilities, Divyang friendly infrastructure and wash rooms are well maintained in Institute.

1. INFRASTRUCTURE AND LEARNING RESOURCES	Mean Score
2. Institution provides necessary facilities for teaching such as class room, furniture etc.	5
3. Washrooms, common rooms are available for boys and girls separately.	5
4. Classrooms are ICT enabled.	4
5. Computer lab is equipped with state-of-the-art facilities.	4
6. Library is equipped with digital and non- digital learning resources.	3
7. Library and computers are continuously upgraded.	3
8. Facilities for sports and extracurricular activities are provided.	4.25
9. The Institute is equipped with multimedia theatre/auditorium.	3
10. Proper maintenance of infrastructure is done from time to time.	3.25
11. Facility of clean drinking water is available.	4.5
12. The institute has refreshment centre for students and facilities.	3.5
13. Divyang friendly Infrastructure is available.	2.5
14. Divyang friendly wash room facility.	1.5
Overall Mean	3.576923



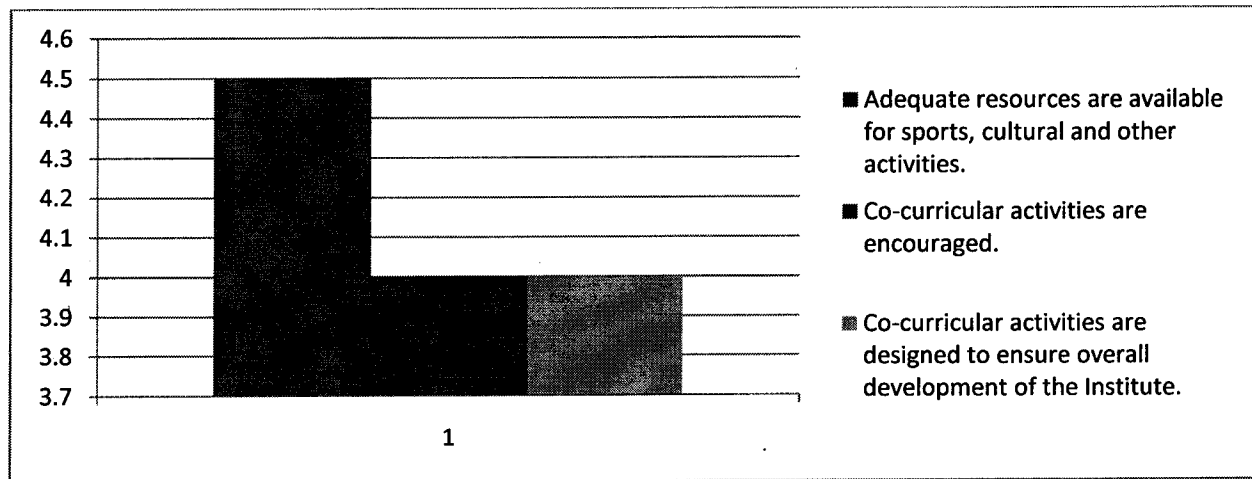
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VI COCURRICULAR ACTIVITIES

Institute organize central India's biggest cultural fest Akshank and annual sport events .Adequate resources are available for sports, cultural and other activities. And students are encouraged for academic and cultural and co-curricular activities.

COCURRICULAR ACTIVITIES	Mean Score
Adequate resources are available for sports, cultural and other activities.	4.5
Co-curricular activities are encouraged.	4
Co-curricular activities are designed to ensure overall development of the Institute.	4
Overall Mean	4.166667



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 Coordinator