



**INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

Dundigal Hyderabad - 500 043,

**Internal Quality Assurance Cell (IQAC)**

**EXTERNAL PEER TEAM REVIEW REPORT FOR  
ACADEMIC YEAR 2016-2017**

**IARE - INTERNAL MEMBERS PRESENT:**

1. Dr. G. V. R. Seshagiri Rao, Associate Professor, Mechanical Department.
2. Dr. P. Munaswamy, Professor, ECE Department.
3. Dr. V. Padmanabha Reddy, ECE Department.
4. Ms. Y. Mohana Roopa, IQAC Coordinator.

**EXTERNAL PEER TEAM MEMBERS PRESENT:**

- Dr. N Suresh Kumar, Professor,  
CSE Department,  
GITAM University,  
Visakhapatnam, AP.
- Dr. R V S Satyanarayana, Professor,  
ECE Department,  
S V University,  
Tirupathi, AP.

**EXTERNAL PEER TEAM REVIEW – EVALUATION REPORT**

CURRICULAR ASPECTS				
S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Quality of Vision and Mission Statements			√
2	Implementation of Choice Based Credit System			√
3	Adequacy of Courses having focus on employability/Entrepreneurship/ Skill Development			√
4	Evidence of procedures for framing PO's, PSO's and their Adequacy			√
5	Evidence of Attainment of Pos, PSOs against targets		√	
6	Evidence of framing of COs and their attainment against set targets			√
7	Evidence for Structured feedback system		√	
8	Evidence for NBA Accreditation of UG/PG Programs		√	
9	Quality CIE and SEE Question Papers		√	

10	Preparation and Adherence to Academic Calendar by the Institution		√	
11	Implementation of Examination reforms		√	

#### STUDENTS ASPECTS

S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Student Full Time Teacher ratio			√
2	Student Progression without backlog in any Semester			√
3	Student completing the programs in the stipulated time			√
4	Number of Students placed and their median salary			√
5	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams			√
6	Adequacy of guest/technical lectures arranged for students		√	
7	Adequacy of Industrial visits arranged for students		√	
8	Relevance of one credit courses			√
9	Evidence for Student completing NPTEL Courses			√
10	Student Mentoring System		√	
11	Scholarship/Financial aid to students		√	
12	Activities and support from the alumni Association		√	
13	Performance in Sports activities		√	
14	Placement services provided to students		√	
15	Learning Through Entrepreneurship Cell			√
16	Learning beyond Class room			√
17	Student council and representation of students on academic and administrative bodies/committees of Institution			√
18	Adequacy of workshops conducted on Entrepreneurship/IPR/Innovative Practices			√
19	Student Exchange programs /activities			√

**FACULTY RESEARCH ASPECTS**

S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Faculty profile and the adequacy of faculty members as per the norms of AICTE		√	
2	Faculty members recognized as research guides		√	
3	Quality of faculty publications			√
4	Quality of research projects			√
5	Evidence for research grants received from various agencies			√
6	Evidence for consultancy activities			√
7	Evidence for patents published/awarded			√
8	Adequacy of faculty training programs(FDP/STTP)			√
9	Adequacy of number of conferences and workshops attended by the faculty members		√	
10	Adequacy of number of Workshops/FDP's/STTP's conferences conducted by the department			√
11	Provision of seed money to teachers for research			√
12	Revenue generated from corporate training by the institution		√	
13	Training programs for new faculty members		√	
14	Award for faculty Members		√	

**INFRASTRUCTURE ASPECTS**

S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Evidence for use of ICT in teaching learning Process		√	
2	Adequacy of facilities for teaching learning ViZ, Class rooms , Laboratories		√	
3	Adequacy of modern equipment in the laboratories			√
4	Adequacy of facilities for sports and cultural activities			√
5	Improvement in the library services			√

6	Adequacy of Books and journals available in the library			√
7	Computerization of administration and the process of admissions and examination results, Issue of certificates			√
8	Computer and Internet Access and training to teachers, non teaching staff and students			√
9	Number of Start-ups incubated on campus			√
10	TEQip initiatives			√
11	Usage of Plagiarism software			√

#### GOVERNANCE LEADERSHIP AND MANAGEMENT

S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Functioning of Academic bodies as per UGC Guidelines (Governing council, Academic Council Standing committee and board of studies etc)			√
2	Evidence of minutes of boards of studies Academic council Meetings etc.			√
3	Functioning of IQAC		√	
4	Implementation of ISO			√
5	Institution has performance appraisal system for teaching and Non-teaching Staff			√
6	Internal and External financial audit			√

#### INSTITUTIONAL VALUES AND BEST PRACTICES

S. No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Adequacy of MoUs signed with Institutions/Industries			√
2	Adequacy of gender equity promotion programs organized by the institution			√
3	Annual power requirement of the institution met by the renewable energy sources			√
4	Waste Management			√
5	Rainwater Harvesting structures and utilization in the campus		√	
6	Green Practices		√	

7	Differently abled friendliness Resources in the Institution		√	
8	Industry Institute Interaction			√
9	Institutional Best Practices			√

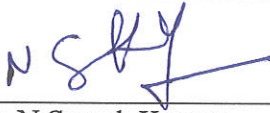
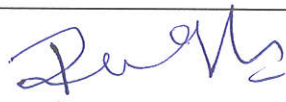
#### Recommendations:

1. Mission Statements to be reviewed and reframed periodically based on attain targets and latest developments
2. Cos to be prepared based on the depth of the course and not to be based on the units
3. Assessment criteria for Pos Shall be framed based on AICTE examinations reforms
4. Course feedback, evaluation of project works etc shall be followed in line with AICTE Internship guidelines.
5. Implementation of Digitalization of systems
6. Development of E-Contents modules for the academic courses
7. Auditing of Waste Management (Bio-Chemical and Electronics) shall be well documented.
8. Development of facilities catering to the needs of visually impaired students
9. Increase in number of value added and socially relevant courses
10. Institutional best practices are to be refined.

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.

The institution reviews its teaching learning process, structures and methodologies of operations and learning outcomes through IQAC set up as per norms.

The Committee Appreciates and thanks the members of IQAC and the faculty for providing the required record and documents for validation.

Signature with date		
Name and designation of the peer team members	Dr. N Suresh Kumar, Professor, CSE , GITAM University, Visakhapatnam, AP.	Dr. R V S Satyanarayana, Professor, ECE, S V University, Tirupathi, AP.