ANITS

IQAC ACADEMIC AUDIT REPORT
DEPARTMENT OF CIVIL ENGINEERING

Assessment Year: 2020-2021

Description	Max. marks	Marks Awarded
Resource Management		
1) Faculty availability (SFR) and Qualification	25	25
2) Adjunct faculty and classes taken	10	10
3) Faculty participation in FDPs/STTPs/ Workshops/ Conferences including pedagogy, OBE	20	20
4) FDPs/STTPs/Workshops/ Conferences conducted for faculty	5	5
5) Skill up-gradation of technical staff	5	5
6) Up-gradation, maintenance and safety of laboratories, Project lab	15	15
7) e-Class rooms, Seminar hall & Computer centre	15	14
8) Central & Dept. libraries	10	10
9) Digital library & e-journals	10	10
10) Alumni meetings, contributions	5	3
11) Curriculum: industry involvement	10	10
Total	130	127
Course Planning		
1) Subject Allotment	10	10
2) Goal setting: Vision/ Mission/PEOs/POs/PSOs/ COs	25	25
3) CO-PO/PSO mapping	25	25
4) Preparation/Updating Instructional material	15	14

Description	Max. marks	Marks Awarded
5) University/GATE/ESE Question Banks	10	9
6) Preparation/Updating Lab manual	10	10
7) ANITS Academic Calendar	5	4
8) Department Calendar	5	4
9) Class Time table	5	5
10) Preparation of Course file	30	25
11) Project work: Guide allocation, project problem identification	10	10
Total	150	141
Course delivery		
1) Interactive Lectures, Pedagogy	10	8
2) Use of ICT tools: LCD Projector, Pen tablet, PPTs, Live/ Animation Videos	15	12
3) Real world examples, Problem solving/ Tutorials, Role play, Flipped Classroom, Demonstration using equipment/ models/ charts	15	13
4) Collaborative Learning: GDs/ Student Seminars, Project based learning/ Case studies, Peer learning groups, GATE/ESE problems	15	12
5) LMS: MOODLES/Google Classroom, NPTEL/ MOOC Certification, Self-learning	15	15
Total	70	60
Professional Support		
1) Guest lectures by academic / industry experts	20	10
2) Skill Development Programs	10	4
3) Industrial/ Construction site visits	10	4
4) Industrial training	10	10
5) Campus Recruitment Training, Career guidance, mock interviews	20	18

Description	Max. marks	Marks Awarded
6) Professional Society chapters/ student clubs	5	5
7) Annual Students Symposium	5	2
8) Annual Day with co-curricular/extra-curricular/Cultural events	5	3
9) Institute Innovation Council, Entrepreneurship Development Cell	5	5
10) MoUs with industries and activities	5	2
11) Extension activities through NSS, NCC etc	15	8
12) Student representation in academic/administrative bodies	10	10
Total	120	81
Mentoring/ Other Support		
1) Mentoring Slow learners & irregular students	15	12
2) Collaborating with parents	5	5
3) Remedial classes to slow learners, lateral entry students, and to students with backlogs	15	10
4) Special GATE Classes, Guidance for Inter-institute events for fast learners	10	8
5) Gold medal for Program Toppers, Cash awards for Class Toppers	5	4
Total	50	39
Assessment & Evaluation		
1) Assignments, Class Tests	15	14
2) Moodle/ Google based Quiz	10	8
3) Rubrics for Continuous Assessment in Lab courses, Student seminars, Industrial training, Project work	20	19
4) Mid exams: Paper setting, scheme valuation, Question paper validation for CO, BL coverage	20	20
5) Post-Industrial training assessment	20	20
6) CO Assessment	30	30

Description	Max. marks	Marks Awarded
7) PO/PSO Assessment	20	20
8) Projects classification and quality	15	12
Total	150	143
Students achievements		
1) Paper/model presentations/ publications by students	15	8
2) Students cleared program in 4 years	15	9
3) Students cleared program in 4 years without backlogs	5	3
4) Pass % in III year, II year, I year	15	7
5) Students achievements in sports, extra-curricular activities etc.	10	4
6) Placements, higher studies & entrepreneurship last year: No. placed/no. of studentsx30	50	33
Total	110	64
Research & Development		
1) Research guidance: PhD., M.Tech.	5	2
2) Research projects sanctioned, on-going, completed	5	2
3) Consultancy	5	5
4) Books/chapters	5	2
5) Faculty Publications in journals/conferences	15	8
6) Membership in editorial boards, papers reviewed	5	3
7) Membership in professional societies, related activities	5	5
8) Department journals, magazine, news letters	5	5
Total	50	32

Description	Max. marks	Marks Awarded
Feedback & Appraisal		
1) Online students Feedback on T/L	10	10
2) Feedback from students during counseling	5	5
3) CRC meetings	10	10
4) Course end surveys, Exit Surveys	5	5
5) Alumni feedback, Parents feedback	5	5
6) Recruiters'/Employers' feedback	5	5
7) Performance Appraisal of faculty & technical staff	10	10
8) Academic Audit	10	9
Total	60	59
Corrective Actions		
1) Corrective action on students feedback	10	8
2) Corrective action on Alumni/ Parents/ Recruiters'/ Employers' feedback	10	9
3) Corrective action on Course end surveys/ Exit Surveys	10	8
4) Action on unattained COs/POs/PSOs	10	9
5) Action on Curricular gaps	10	10
6) Action on Academic Audit	10	8
Total	60	52
Continuous improvement		
1) PO/PSO attainment	10	10
2) Pass %	10	5
3) Placements, higher studies	10	8
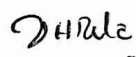
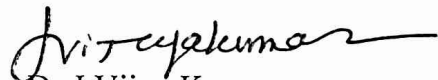| Description	Max. marks	Marks Awarded
4) Faculty publications	10	5
5) Best Practices in the Department and their impact	10	8
Total	50	36
Grand Total	**1000**	**834**

Specific Remarks (if any):

It is observed that industrial visits were not conducted. The same may be done in the next academic year as the Covid19 situation improves.

Signature of Hod-Civil:

Name & Signature of Internal Auditor1:

Prof.T.V.Hanumantha Rao
Principal

Name & Signature of Internal Auditor2:

Dr.J.Vijay Kumar
Professor, E.E.E.

Name & Signature of External Auditor:

Dr. K.Rambabu,
Professor, Andhra University

Date: 06-09-2021