



MOTHER TERESA

INSTITUTE OF SCIENCE AND TECHNOLOGY

Approved by AICTE, Govt. of Telangana, Affiliated to JNTUH & SBTET, Hyderabad
Recognition under Section 2(f) & 12 (B) of the UGC Act, 1956
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INTERNAL ACADEMIC AUDIT

Department Name : Civil Engineering

Programme Name : B.Tech

Academic Year : 2019-20

I. PEO's, PO's and Curriculum		
S.No	Criteria	Observations
01.	PEO's and PO's attainment	Attainment calculation based on the student results is Missing
02.	Stakeholders feedback and evidence related to curriculum design	Indirect survey has to be done as per criteria -3
03.	Extent of its satisfaction with curriculum revision	Revision is satisfactory and in correlation with University structure
04.	Percentage of lab component -No. of new experiments designed -Hardware / Software developed or Societal problems solved.	Ok Yes, separation and removal of dissolved salts from hard water
05	Evidence of academic flexibility (Credits / Transitory regulations / Core or institutional electives)	Credit transfer facility incorporates
II. Faculty information and their contribution		
S.No	Criteria	Observations
01.	Teacher- student ratio	Is around 1:19

02.	Faculty, Cadre ratio	1:2:6 (college level order due to be given)
03.	Faculty qualifications	As per AICTE norms
04.	Faculty experience & retention	Good
05.	Faculty contribution in writing:books:chapters:	Nil
06.	Members in Editorial boards Awards/Rewards received :	One
07.	Faculty in professional organizations And faculty contribution:	Yes
08.	Industry collaborate projects	Nil
09.	Faculty as resource person in workshops/ training activities	Yes
10.	National level events organized -Conferences: -Workshops/ Seminars: -FDPs: International level events organized -Conferences: -Workshops/Seminars:	Nit 02 02 Nil 02
11.	List of conferences/seminars/ workshops/ FDP's/ any exclusive programs attended for enrichment of teaching - learning process.	Yes
12.	Faculty interaction with outside world (BOSn{BA/Examiner for PhD evaluation / selection committee / Academic auditing /Chief guest /etc.)	Yes

III. Teaching-Learning Process and Evaluation		
S.No	Criteria	Observations
01.	Student performance indices Attendance Exams	Ok Ok
02.	Mechanism and activities for slow learners for their improvement and outcomes	Remedial Classes are conducted for the improvement
03.	Student counseling / mentoring mechanism	Is available
04.	Tutorial classes	Yes
05	Initiatives taken for innovative mini and major projects - Training for students & faculty	Yes(Flexural fatigue machine, Friction stir welding setup on milling machine with upgraded motor and computer integrated strain gauge sensors, 4 feet sheet bending machine, automobile projects fabrication facility, separation and removal of dissolved salts from hard water, compression mould with heating for composites curing and 30 T biaxial testing machine.
06	Best student projects with awards	Internally given & No external projects
07	Monitoring of teaching-learning process -- Assessment of teaching process in classrooms. -- Random verification of evaluated answer papers and question paper during the semester. -- Innovative teaching methods presented if any -- Verification of course files	Yes
		Yes
		PPT's & Models
		Yes
08	Training programs conducted for students Guest lecturers: Seminar workshops:	Yes
09	MoUs with Industries for internship	Yes
10	Students feedback	Yes, Analyzed
11	Feedback follow-up action	Follow up action is taken

12	Scope for Self-learning Certificate courses Online courses	Nil Yes
13	<p>The differential requirements of student population Male :69</p> <p>Female12</p> <p>Cut-off rank OC: BC: SC: ST: PH:</p> <p>Range of CGPA & % of students 10-8 CGPA:</p> <p>7 CGPA:</p> <p>6 CGPA:</p> <p>5 CGPA:</p> <p>No. & % age of failures:</p> <p>Success rate as per NBA guidelines:</p>	<p>81</p> <p>Cut – off rank: OC:23140 to 63302 – Total: 17 BC:25200 to 99184 – Total: 46 ST:69726 to 94258 – Total: 7 SC:56964 to 94308 – Total: 11</p> <p>36</p> <p>50</p> <p>31</p> <p>0</p> <p>22%</p> <p>78%</p>
14	Placements (%): Industries / organizations:	2%
15	Higher Studies (%): Institutions:	8%
16	Activities of students in professional bodies: Awards in co-curricular activities:	Yes

IV. Research, Consultancy and Extension

S.No	Criteria	Observations
01.	Faculty publications in journals: Peer reviewed Journals: Thomson Reuters Impact factor Journals: S-index: h-index:	Journals:47 29 06 12 13
02.	Publications in conferences: - National - International	National: 02 International: 36
03.	Percentage of faculty contributing in Research publications: Books: Chapters:	32% Nil Nil
04.	PhDs – Registered Submitted: Awarded:	14 Nil One
05	PhDs guiding / guided	07
06	Funded R&D projects and consultancy Work Applied: Ongoing: Completed:	02 Nil Nil
07	Faculty intellectual property rights	Nil
08	In-house R&D grants & projects and their outcomes	Nil
09	New research facilities/ laboratory facilities provided	Flexural fatigue machine, Friction stir welding setup on milling machine with upgraded motor and computer integrated strain gauge sensor s, 4 feet sheet bending machine, automobile projects fabrication facility, separation and removal of dissolved salts from hard water, compression moLrld with heating for

		composites curing and 30 T biaxial testing machine
10	MOU's with industries/ R&D/ Premier Institutes	Yes
11	Research centers of excellence established: Outcome in research centers:	Yes, TKR Centre for Research & Innovation established. Yes
12	Skill development centers established outcome:	Yes
13	Faculty involved in research and Consultancy	Ok & to be improved

V. Infrastructure and Learning Resources

S.No	Criteria	Observations
01.	Adequacy of infrastructural facilities to improve the teaching learning process Class rooms: Laboratories: ICT class rooms / e- class rooms: Seminar halls: Syndicate rooms Faculty rooms	Yes Yes Yes Yes
02.	Internet facilities for faculty & Students:	Yes
03.	Technical manpower support	Yes
04.	Modern / new equipment added in Laboratories	Yes
05	Details of computing facilities and Improvement	Yes
06	Dept. Newsletter / magazine	Yes
07	Department level library resources with Details	Yes

V. Infrastructure and Learning Resources

S.No	Criteria	Observations
01.	Bridge courses: Add-on courses:	Engg Mechanics & Maths courses are to be conducted for lateral students Nil
02.	Student publications: Student prizes: Scholarships: Dept. student clubs:	Very less (Needs improvement) Nil Yes Yes
03.	Details of coaching provided for GATE/GREI any other competitive exams	Yes
04.	Industrial visits and internships	Yes


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