



Vidya Jyothi Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC & NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziznagar Gate, C.B. Post, Hyderabad-500 075

M/ECH

EXTERNAL ACADEMIC AUDIT

Date of Academic Audit : 16/11/2020 (2019 - 20)

1.	Name of the Department	Mechanical Engg																						
2.	Year of Establishment	1999																						
3.	Name of Programme offered (Mention with Intake)	B.Tech (240) M.Tech ⁺ (CAD/CAM) (08)																						
4.	A) Number of Teachers 47	<table border="1"><thead><tr><th>Designation</th><th>Existing</th></tr></thead><tbody><tr><td>Professor</td><td>04</td></tr><tr><td>Associate Professors</td><td>11</td></tr><tr><td>Asst. Professors</td><td>32</td></tr><tr><td>Others</td><td>—</td></tr></tbody></table> B) Teaching Experience of the Faculty in the Institute <table border="1"><thead><tr><th>Tenure</th><th>No. of Teachers</th></tr></thead><tbody><tr><td>More than 5 Years</td><td>19</td></tr><tr><td>More than 3 Years</td><td>19</td></tr><tr><td>Between 2 to 3 Years</td><td>01</td></tr><tr><td>Between 1 to 2 Tears</td><td>08</td></tr><tr><td>Below 1 Year</td><td>NIL</td></tr></tbody></table>	Designation	Existing	Professor	04	Associate Professors	11	Asst. Professors	32	Others	—	Tenure	No. of Teachers	More than 5 Years	19	More than 3 Years	19	Between 2 to 3 Years	01	Between 1 to 2 Tears	08	Below 1 Year	NIL
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6. Grants/Funds Received for Research/FDPs/STTPs/Workshops etc.

I. PROJECTS GRANTED IN THE CURRENT ACADEMIC YEAR

- Number of Research Grants only:
- Number of Faculty Development Grants:
- Research Grants received:
- Faculty Development Grants received :

Name of funding agencies	Category of the funding Agency (GOVT/Non GOVT funding agencies/ individuals)	Name of the Faculty	Purpose of the Grant Research/ FDP/ STTP/ Workshop	Funds/ Grants received (INR in lakhs)	Collaboration (National/ Inter National)
TERIP-III INTUIT	Govt	Dr. G. Sreenivas Reddy	Research	3.00	NA
AICTE MODROBS	Govt	Dr. G. Sreenivas Reddy	Research	11.96	NA

II. ONGOING PROJECTS

AICTE MODROBS	Govt	Dr. L. Madan Ananda Kumar	Research	10.39	NA

7. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

8. Publications (List is to be attached)

Number of Papers published in Journals	25
Number of Papers published in Book Chapters/Conferences	01
Number of Books with ISBN	NIL
Average Citation Index	
Average Impact Factor	
h-index	

9.

Details of patents

Name of the Faculty	Topic	Obtained / Published / Filed	Product
Dr. N. Ravinderreddy	Natural fibre composite for Automobile components	202041029	product
Dr. B. Ravinderreddy et.al		006A 24/7/20	

10.

Areas of consultancy and income generated

Areas of consultancy	Income generated
NIL	NIL

11.

Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of the Faculty	Name and details of the committees
Dr. V. Phanindra Bogn	Reviewer of 1) Medical Engg & physics Journal
	2) Medical & Biological Engg.
	2) IE Springer C Journal

12. How many students have cleared Civil Services and Defense Services examinations, GATE and other competitive examinations

Name of the Student	Name and details of the Examinations
Ankit Kumar C	IS PGECET
Devesh Jain	GRE + IELTS
Shesvik Verma	GRE + IELTS
Jai Santosh Aravaram	IELTS
V. Chandre Kumar Reddy	GRE + IELTS

13. Faculty recharging strategies (Orientation programs, workshops, training programs and similar programs)**

- FDPs attended by the faculty
 - National: 15
 - International: 0 (NIL)
- Conferences attended
 - National: 0 (NIL)
 - International: 06
- Workshops attended
 - National: 03
 - International: 0 (NIL)
- Short Term Training attended
 - National: 44
 - International: 0 (NIL)

**Attach a separate sheet for details

14. Student projects

Percentage of students who have done in-house projects including inter-departmental projects

100%

Percentage of students doing projects in collaboration with other universities/industry/institute

NIL

15. Awards/recognitions received at the national and international level by Faculty
Doctoral/post doctoral fellows Students

Name and Details of the Award/Recognition received	National/International	Name of the Faculty/Student	Faculty/Student
NIL	NIL	NIL	NIL

16. Faculty Guiding Research

Faculty Guiding Research	Registered This Year	Active
From the host institution / university	NIL	3
From other institutions / universities	NIL	NIL
No of research scholars	NIL	3

17.

Infrastructure And Laboratory Details:

Number of Class Rooms With ICT Facilities	10																										
Number of Class Rooms Without ICT Facilities	NIL																										
Number of Tutorial Rooms	NIL																										
Number of Student Laboratories With Names and Stock Verification	11																										
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Number of Research Laboratories

S. No	Name of the Research Laboratory
1.	MED Research Lab
2.	
3.	
4.	
5.	

Number of Softwares Available

Name and details of the Software	No of Users
AutoCAD 2016 (Open source)	30
Edge cam (licensed)	5
Solid Works (licensed)	30
Ansys (licensed)	25
Cres (licensed)	10

Number Of Computers In Student Laboratories

Number Of Computers For Faculty And Office

Books In Department Library

Internet Facilities

90

10

291

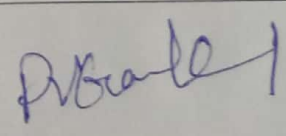
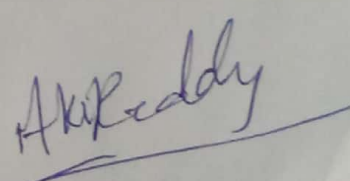
yes

18.	Placement Activities :		
	No. of companies Visited		21
	No. of Placements offered		42
	Average Salary offered		2-3 Lacs p.a.
	Off campus placements (%)		14.28
	On campus Placements (%)		85.72
	Existence of training & Placement Office in the Institute :		Yes

19.	Quality Improvement		
	S.No	Parameter	Status (YES/NO)
	a).	Minutes of the Department Meetings	Yes
	b).	Best practices implemented	Yes
	c).	Innovations by faculty/ students	NIL
	d).	Student Mentoring	Yes
	e).	Strengths, Opportunities and Weaknesses, Challenges (SWOC)	Yes

COMMENTS OF THE AUDITORS:

- 1) Conduct more FDPs/workshops.
- 2) Apply for government sponsored projects.

Auditors	Signature
Auditor-1 Name: Dr. P.V. Gopal Krishna Designation: Associate Professor, Kadavi Engg College Department: Mechanical Date:	
Auditor-2 Name: Dr. KASHAK Reddy Designation: Professor Department: Mechanical St Peter's Engg-college Date:	
Auditor-3 Name: Mr. V. Srinivas Rao Designation: Asst. Prof. Department: Mechanical Date: JBIET	