



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

EXTERNAL ACADEMIC AUDIT

(2020 - 21)

Date of Academic Audit

: 04-10-2021.

1.	Name of the Department	Mechanical Engg.																						
2.	Year of Establishment	1999																						
3.	Name of Programme offered (Mention with Intake)	B.Tech 4 M.Tech(CAD/CAM)																						
4.	<p>A) Number of Teachers 48</p> <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>09</td> </tr> <tr> <td>Asst. Professors</td> <td>35</td> </tr> <tr> <td>Others</td> <td>0</td> </tr> </tbody> </table> <p>B) Teaching Experience of the Faculty in the Institute</p> <table border="1"> <thead> <tr> <th>Tenure</th> <th>No. of Teachers</th> </tr> </thead> <tbody> <tr> <td>More than 5 Years</td> <td>31</td> </tr> <tr> <td>More than 3 Years</td> <td>06</td> </tr> <tr> <td>Between 2 to 3 Years</td> <td>10</td> </tr> <tr> <td>Between 1 to 2 Tears</td> <td>01</td> </tr> <tr> <td>Below 1 Year</td> <td>—</td> </tr> </tbody> </table>		Designation	Existing	Professor	04	Associate Professors	09	Asst. Professors	35	Others	0	Tenure	No. of Teachers	More than 5 Years	31	More than 3 Years	06	Between 2 to 3 Years	10	Between 1 to 2 Tears	01	Below 1 Year	—
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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)
①	AICTE-GOC	GOVT	Dr. L. MADAN ANANDKUMAR	National Conference	181700	N.A
II. ONGOING PROJECTS						
①	Dr. P. Venugopala Reddy DRDO-	GOVT	Dr. P. Venugopala Reddy	Research	5065000	NA
			Dr. G. Sreenivas Reddy			
②	TEQIP-III - JNTU H	GOVT	Dr. G. Sreenivas Reddy	Research	300000	NA
③	AICTE-MODROBS	GOVT	Dr. G. Sreenivas Reddy		1196078	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	14
Number of Papers published in Book Chapters/Conferences	-
Number of Books with ISBN	-
Average Citation Index	-
Average Impact Factor	-
h-index	-

9. Details of patents

Name of the Faculty	Topic	Obtained / Published / Filed	Product
① Dr. G. Sreeram Reddy.	Synthesis of Compositional formula of $P_{0.5}Sr_{0.5}Mn_{1-x}Cr_xO_3$ ($x=0, 0.1, 0.2, 0.3, 0.4$) By sol-gel Route Method and Study of their Elastic behaviour	published	product-material-science
② K. Narendra Reddy	Comparison on Thermal Analysis of Aluminium Alloy 1199 fins with Al Alloy 204 $\frac{1}{2}$ by variation Temperature distribution	published	product-heat transfer

10. Areas of consultancy and income generated

Areas of consultancy	Income generated
—	—

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 Bogan	Review of 1) Medical Engg & physics journal 2) Medical & Biological Engg 3) 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
Akula Vinay	GATE
Sourabh Upadhye	GATE
Sable Uday Kumar	GATE
Elike Vishal	CAT

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

- FDPs attended by the faculty
 - National: 10
 - International: -
- Conferences attended
 - National: -
 - International: -
- Workshops attended
 - National: 01
 - International: -
- Short Term Training attended
 - National: 07
 - International: -

**** Attach a separate sheet for details**

14. Student projects

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

96.17

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

3.83

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
-	-	-	-
-	-	-	-

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.

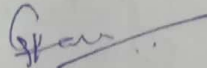
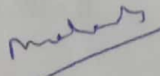
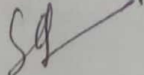
Infrastructure And Laboratory Details:

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 Computers In Student Laboratories	90																								
Number Of Computers For Faculty And Office	10																								
Books In Department Library	291																								
Internet Facilities	Yes																								

18.	Placement Activities :		
	No. of companies Visited		09
	No. of Placements offered		38
	Average Salary offered		2.52 L / p.m
	Off campus placements (%)		44.44
	On campus Placements (%)		55.55
	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	-
	d).	Student Mentoring	Yes
	e).	Strengths, Weaknesses, Opportunities and Challenges (SWOC)	Yes
			File Name/File No
			VJIT/MED/2020-21/1
			VJIT/MED/2020-21/2
			-
			Mentor books
			VJIT/MED/2020-21/3

COMMENTS OF THE AUDITORS:

1. put efforts for getting Consultancy
2. Apply for Govt. Sponsored projects

Auditors		Signature
Auditor-1		
Name:	G. Haragopal	
Designation:	Prof, Mechanical Engg	
Department:	CBIT	
Date:		
Auditor-2		
Name:	M.G. Mohan	
Designation:	Asst professor	
Department:	Mechanical, JBIET	
Date:		
Auditor-3		
Name:	Satish	
Designation:	Asst professor	
Department:	Mechanical	
Date:	KGR CET	