



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

INTERNAL ACADEMIC AUDIT

(2020 -21)

Date of Academic Audit : 18/6/2021 + 19/6/2021

1.	Name of the Department	CSE												
2.	Year of Establishment	1999												
3.	Names of Programmes offered (Mention with Intake)	Department of Computer Science & Engineering Intake : 240												
4.	A) Number of Teachers	<table border="1"> <thead> <tr> <th>Designation</th> <th>Existing</th> </tr> </thead> <tbody> <tr> <td>Professor</td> <td>6</td> </tr> <tr> <td>Associate Professors</td> <td>4</td> </tr> <tr> <td>Asst. Professors</td> <td>35</td> </tr> <tr> <td>Others</td> <td>—</td> </tr> </tbody> </table>	Designation	Existing	Professor	6	Associate Professors	4	Asst. Professors	35	Others	—		
Designation	Existing													
Professor	6													
Associate Professors	4													
Asst. Professors	35													
Others	—													
	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>31</td> </tr> <tr> <td>More than 3 Years</td> <td>1</td> </tr> <tr> <td>Between 2 to 3 Years</td> <td>9</td> </tr> <tr> <td>Between 1 to 2 Years</td> <td>3</td> </tr> <tr> <td>Below 1 Year</td> <td>1</td> </tr> </tbody> </table>	Tenure	No. of Teachers	More than 5 Years	31	More than 3 Years	1	Between 2 to 3 Years	9	Between 1 to 2 Years	3	Below 1 Year	1
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5.	<table border="1"> <tr> <td>Student Teacher Ratio</td> <td>1:18</td> </tr> <tr> <td>Number of faculty having Ph.D</td> <td>10</td> </tr> <tr> <td>Number of faculty registered for Ph.D</td> <td>18</td> </tr> </table>		Student Teacher Ratio	1:18	Number of faculty having Ph.D	10	Number of faculty registered for Ph.D	18						
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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 :

II. ONGOING PROJECTS

JNTU-TEQIP	GOVT	Dr. Ramesh Babu		2.95L	National

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

8. Publications (List is to be attached)

Number of Papers published in Journals	14
Number of Papers published in Book Chapters/Conferences	1
Number of Books with ISBN	1
Average Citation Index	1
Average Impact Factor	1
h-index	1

9. Details of patents

Name of the Faculty	Topic	Obtained / Published / Filed	Product
Mr. Y. Praveen Kumar, Sai Yuva Teja, Nishit Reddy et al	MONITORING RAIN	29/01/2021 202041049928	Yes.
P. Sandhya	An AI Based Framework for realizing a Human Emotion Recognition System	04/06/2021 202141025595	Yes.
P. Swetha, Ch. Deepika	Method for semantic segmentation of Digital Image in electronic Device interface	8/11/2020 202014048733	Yes.

Dr. K. Ramesh Babu.	NIBT - Fire Detection; Fire Detection and Notification using IoT Based Technology	23/09/2020 2020102097	Yes.
Dr. D. Aruna Kumari	Automatic Method and Technologies for bio medical waste management using IoT based system	21/10/2020 2020102657	Yes.
KSRK Sarma	DACH - Health Notification IoT Based Health Notification and Doctor Availability checking in Hospital using Machine learning, Deep learning programming	5/10/2020 202010614	Yes.

10. Areas of consultancy and income generated

Areas of consultancy	Income generated
NTA - NEET	2126530
TCSION	359646
JEE	23,900
NIELIT	2,44,000.
NSEIT	68,260
Orlando, UP (IAF)	63,490
Orlando, UP (ICG)	53080.

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. B. Vijaya Kumar	Member in Bos, CSE, CMRIT.
Dr. B. Vijaya Kumar	Member - Academic Council, CMRIT.
Dr. D. Aruna Kumari	Member - JET Journal.
Dr. B. Vijaya Kumar	Member of Bos, VJIT.
Dr. B. Vijaya Kumar	Bos chairman CSE, IT, CSE(CS).

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Dr. Ravi Malhey	BOS member, CSE, IT, CSE(DS), VIT.
Dr. Ramesh Babu.	BOS Member, CSE, IT, VIT.
Dr. Aruna Kumari. D	BOS Member, CSE, IT, CSE(DS) VIT
RRS Ravikumar	Reviewer, ISSA Springer.
RRS Ravikumar	Reviewer, IASC tec sciences.

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
Sndhu Gella	GATE
Navundeu Sri Harsha	GATE
Shaik Shaheen	GRE
Akhila Kadem	GRE
Jella Sai Santhosh	IELTS
Rasagna Akula	IELTS
Vamsikidhar Reddy. P	IELTS
Arpula Bhavya Bindu	IELTS
Akhila Kadem.	DUOLINGO
Dharmaram Saideep.	DUOLINGO
K. Chandana Mary	IELTS
N. Nisha.	IELTS
Shaik Shaheen	GRE
Chirumani Prashanth Reddy	GRE
D. Ranjith Kumar Reddy	GRE
P. Hemanth Rao	GRE IELTS
D. Sai Kiran.	IELTS
D. Vinay chowdary	TOEFL, DUOLINGO
Rasagna Akula.	IELTS
Bharath Appasani	DUOLINGO
Md. Abdul Razzaq	IELTS
Gade Harshitha	GRE, DUOLINGO
Rithik Reddy Pasham	GRE, IELTS
Ashwitha Bandaru	GRE
Samihitha M.	GRE, IELTS
Mamatha. Ch	IELTS
Cathy Chaiten	IELTS
A. Arunkanisha	IELTS, GRE
Sreekalayani A	GRE, DUOLINGO

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

1. FDPs attended by the faculty

(i) National: 41

(ii) International:

2. Conferences attended

(i) National: —

(ii) International:

3. Workshops attended

(i) National: —

(ii) International:

4. Short Term Training attended

(i) National: —

(ii) International:

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

14. Student projects

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

60%

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

40%

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

Name of the Award/Recognition received	National/ International	Name of the Faculty/Student	Faculty/ Student
Best Academician Award	National	Dr. Aruna Kumar	Faculty

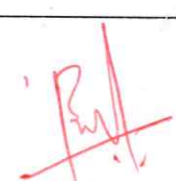
16. Faculty Guiding Research

From the host institution / university

1

From other institutions / universities

4


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17. Infrastructure And Laboratory Details:

Number of Class Rooms With ICT Facilities	12
Number of Class Rooms Without ICT Facilities	1
Number of Tutorial Rooms	01

Number of Student Laboratories With Names and Stock Verification

Room No	Name of the Lab
C-203 C-204	LAB-1, LAB-2
C-205 C-206	LAB-3, LAB-4
C-209 C-210	LAB-5, LAB-6
N-208	LAB-7
N-304	Project LAB

Number of Research Laboratories

S. No	Name of the Research Laboratory
1.	Image Processing
2.	Data Analytics
3.	IoT

Number of Softwares Available

Name and details of the Software	No of Users
Dev-CH 5.11	Open 240
Python - 3.7.4	240
mysql-essential-5.1	240
jdk 1.7.0-21	240
WEKA - 3.7.5	240
Argo UML - 0.34	240

Number Of Computers In Student Laboratories

Number Of Computers For Faculty And Office

Books In Department Library

Internet Facilities

Open
source

243

110

290

500 Mbps

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18.	Placement Activities :			
	No. of companies Visited	54		
	No. of Placements offered	151		
	Average Salary offered	3.83		
	Off campus placements (%)	12		
	On campus Placements (%)	128		
Existence of training & Placement Office in the Institute :		Yes		

19.	Quality Improvement				
	S.No	Parameter	Incharge	Status (YES/NO)	File Name/File No
	a).	Minutes of the Department Meetings	Dr. K. Ramesh Babu	Yes	DMOM - 1
	b).	Best practices implemented		Yes	DBP
	c).	Innovations by faculty/ students	M. Kavya	Yes	Innovations in Teachings & Learning
	d).	Student Mentoring	RRS Ravikumar	Yes	Mentoring Books.
	e).	Strengths, Weaknesses, Opportunities and Challenges (SWOC)	Y. praveen Kumar	Yes	D-SWOC Analysis


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Course Files with completion status

Semester	II-Year		III-Year		IV-Year	
	Subject Name	Status (Y/N)	Subject Name	Status (Y/N)	Subject Name	Status (Y/N)
I	P4J	Y	FLAT	Y	MAD	Y
I	DLD	Y	CN	Y	IS	Y
I	EDC	Y	OS	Y	CC	Y
I	DS	Y	WT	Y	BDA	Y
I	MFCJ	Y	LP	Y	AD	Y
I	PP	Y	HCI	Y	IoT	Y
I	DS4PP lab	Y	OEL-JAVA	Y	STM	Y
			OEL-BOS	Y	OEL-WD	Y
			CN+OS lab	Y	DP(FT)	Y
			WT lab	Y	BDA lab	Y
					IoT lab	Y
					MAD lab	Y
II	JAVA	Y	MEFA	Y	DP	Y
	DAA	Y	CD	Y	E-Com	Y
	CO	Y	DWDH	Y	SWIN	Y
	DBMI	Y	AI	Y		
	SE	Y	OOD	Y		
	ES	Y	IS	Y		
	MC-II	Y	QHLR	Y		
	JAVA lab	Y	SWIN	Y		
	DBMI lab	Y	SE(OE)	Y		
			DBMS(OE)	Y		
			ACS lab	Y		
			DM/CT lab	Y		

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Seminar Presentation Details

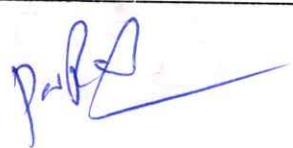
Review Date	Seminar Batches	Faculty Incharges
6/5/21	CSE A, B, C, D Sections	D. Venkateshwarlu, M. Talakeshwar Rao
8/6/21	A, B, C, D Sections	Y. Praveen Kumar, Abdul Majid

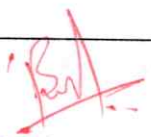
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22	Monitoring the Evaluation Process of Mini-Projects		
	Review Date	Project Batches	Faculty Incharges
	6/12/20	A, B, C, D sections	Y. Praveen Kumar, D. Venkateshwarlu,
	2/2/21	A, B, C, D sections	N. Tarakeshwar Rao, Md. Abdul Majid
23	Monitoring the Evaluation Process of Major-Projects		
	Review Date	Project Batches	Faculty Incharges
	25/6/2021	A, B, C, D sections	D. Venkateshwarlu, Y. Praveen Kumar,
	8/7/2021	A, B, C, D sections	N. Tarakeshwar Rao, Md. Abdul Majid

COMMENTS OF THE AUDITORS:

1. Quality of Student Admission is improved
2. Research papers publications are to be increased
3. Faculty and students had more no of patent registrations
4. Increase the no of FOPs and STIPs
5. Quality of Students projects to be improved.

Auditors		Signature
Auditor-1 Name: Dr. N. SUDHARSA Designation: PROFESSOR Department: CIVIL Date:		
Auditor-2 Name: Dr. S. THULASI PRASAD Designation: PROFESSOR Department: ECE Date:		
Auditor-3 Name: P. Nageswara Rao Designation: Assoc. Prof Department: EEP Date:		


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