

**JNTUA COLLEGE OF ENGINEERING (Autonomous),  
Ananthapuramu  
Department of Computer Science and Engineering  
Self-Assessment Report (SAR)**

**1. Personal Details**

- a. Name of the faculty : Mr. Muntimadugu Vijaya Kanth
- b. Father Name : Prof. M. Yohan
- c. Mother Name : M. Kanthamma
- d. Gender : Male
- e. Date of Birth : 22-03-1983
- f. Category (OC/BC/SC/ST) : SC  
(Mention sub category)
- g. Joining Date : 22-09-2012
- h. Current Designation : Assistant Professor (Adhoc)
- i. Aadhaar Number : 743782162629
- j. PAN No : AERPV9301E
- k. Residential Address : D.No: 1-145,  
Susheela Reddy colony,  
JNTUA Engineering Road, (P.O)  
Anantapuramu-515002.
- l. Email-id (P) : vijaykanthphd@gmail.com
- m. Email-id (O) : mvijayakanth.cse.jntuacea@jntua.ac.in
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**b. Consultancy:**

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
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**c. Patents**

S.no	Name of stream	Department	Obtained / filed	patent registered (National / International )	patent title	patent type (Product/ Process )	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
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**5. List of publications: (NC/IC/NJ/IJ)****a. International/ National Journals**

1. M VIJAYA KANTH, Assistant Professor(Adhoc), Department of CSE, JNTUACEA, Published a paper” Routing Protocol with Quality Optimization for Vehicular Ad Hoc Network” IJRSET-International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Vol-6, Issue 7, July 2017, (Ugc approved).
2. M VIJAYA KANTH, Assistant Professor(Adhoc), Department of CSE, JNTUACEA, Published a paper” Secure ID- Based Two – Server Based Password Authenticated Key Exchange” IJSRCSEIT-International Journal of Scientific Research in Computer Science, Engineering and Information Technology ISSN: 2456-3307, Vol-3, Issue 1, July 2017, (Ugc approved).
3. M VIJAYA KANTH, Assistant Professor(Adhoc), Department of CSE, JNTUACEA, Published a paper” SF table and SDN by using A load Balancing Method” IJARSE-International Journal of Advance Research in science and Engineering ISSN: 2319-8354, Vol-7, Issue 3, March 2017, (UGC approved).

4. M VIJAYA KANTH,Assistant Professor(Adhoc), Department of CSE, JNTUACEA, Published a paper” SF table and SDN by using A load Balancing Method” IJARSE-International Journal of Advance Research in science and Engineering ISSN: 2319-8354, Vol-7, Issue 3, March 2017, (UGC approved).

**b. International/ National Conferences:**

1. M VIJAYA KANTH,Assistant Professor(Adhoc), Department of CSE, JNTUACEA, Published a paper” SF Table and SDN by using A Load Balancing Method” RSTM 18-11<sup>th</sup> International conference on Researches in Science, Technology and management ISBN: 978-93-87793-05-7, 11<sup>th</sup> March 2018

**c. Book/Book Chapters:**

S.NO	Title of Book/Chapter	Name of the Publication, edition and year	Book / Book Chapter
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**6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):**

**a. Workshops Organized**

S.No	Workshops	Place	Duration
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**b. Workshops Attended**

**a. Workshops:**

**2020-2021**

SL.No:	Workshops	Place	Duration	Organized / Attended
1.	Real World Applications and Challenges in IOT & Block Chain Technology	SRM University, Andhra Pradesh	18 <sup>th</sup> to 22 <sup>nd</sup> January,2021	Dept of CSE,Sponsord AICTE, SRM University, Andhra Pradesh.

**2019-2020**

<b>SL.No:</b>	<b>Workshops</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1.	NAAC Awareness program on Revised Accreditation framework for constituent and affiliated colleges of JNTUA	JNTUA CEA, Anantapuramu	20-01-2020	NAAC & JNTUA CEA, Anantapuramu
2.	International Conference On System Automation, Reliability, Quality Control, Safety Maintenance & Management	JNTUA CEA, Anantapuramu	11-13 <sup>th</sup> December 2019	IEEE & JNTUA CEA, Anantapuramu
3.	Digital Pedagogy for Effective Teaching and Learning.	JNTUA CEA, Anantapuramu	23 <sup>rd</sup> & 24 November,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
4.	Pedagogical Skills for Faculty in Outcome-Based Education.	JNTUA CEA, Anantapuramu	6 <sup>th</sup> ,7 <sup>th</sup> & 8 <sup>th</sup> December, 2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
5.	Experimental Approaches & Instrumental Aspects in Analytical Chemistry	JNTUA CEA, Anantapuramu	6 <sup>th</sup> , 7 <sup>th</sup> & 8 <sup>th</sup> February,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
6.	Augmented Reality and Cirtual Reality-Level-1	JNTUA CEA, Anantapuramu	6 <sup>th</sup> , 7 <sup>th</sup> & 8 <sup>th</sup> September,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
7.	Modern Web Application Development using MEAN stack	JNTUA CEA, Anantapuramu	26 <sup>th</sup> ,27 <sup>th</sup> & 28 <sup>th</sup> September,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
8.	Assistance of Geo Informatics to Solve Groundwater problem in Hard Rock Terrain of the Country	JNTUA CEA, Anantapuramu	6 <sup>th</sup> September,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
9.	Deep Learning Using Python	JNTUA CEA, Anantapuramu	23 <sup>rd</sup> & 24 <sup>th</sup> March,2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu

**2018-19**

<b>S.No</b>	<b>Workshops</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1	Benefits of Engaging with International Organization	JNTUA CEA, Anantapuramu	4 <sup>th</sup> August, 2018	In Collaboration with IEEE usa /india council, IEEE Hyderabad Section, Organised by IEEE Anantapuramu Subsection at Dept. of EEE, JNTUA CEA
2	Entrepreneurship, Innovation and Start-ups	JNTUA CEA, Anantapuramu	29 <sup>th</sup> , 30 <sup>th</sup> and 31 <sup>st</sup> August, 2018	Directorate of Skill Development Center & Incubation Center JNTUA CEA, Anantapuramu
3	Pedagogical Skills for Outcome based Education	JNTUA CEA, Anantapuramu	16 <sup>th</sup> , 17 <sup>th</sup> November, 2018	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
4	NAIPUNYA-Andhra Pradesh STATE skills Competition 2018	JNTUA CEA, Anantapuramu	23 <sup>rd</sup> , 24 <sup>th</sup> April, 2018	JNTUA CEA, Anantapuramu
5	Experimental Approaches & Instrumental Aspects in Analytical Chemistry	JNTUA CEA, Anantapuramu	6 <sup>th</sup> to 8 <sup>th</sup> February 2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu

**2017-18**

<b>S.No</b>	<b>Workshops</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1	21 <sup>st</sup> Century Teaching Strategies	JNTUA CEA, Anantapuramu	16 <sup>th</sup> September, 2017	JNTUA CEA, Anantapuramu

**2016- 17**

<b>S.No</b>	<b>Workshops</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1	Crafting Powerful Questions	JNTUA CEA, Anantapuramu	16 <sup>th</sup> July,2016	JNTUACEA Anantapuramu
2	Big Data with Hadoop Map Reduce and Hive	JNTUA CEA, Anantapuramu	20 <sup>th</sup> & 21 <sup>st</sup> March,2016	JNTUACEA Anantapuramu
3	Dissemination of Geo-Spatial Technology for the development of Andhra Pradesh	Sri Krishnadevaraya University, Anantapuramu	23 <sup>rd</sup> March,2017	Association with Andhra Pradesh Space Applications center, government of AP Vijayawada at Sri Krishnadevaraya University, Anantapuramu

**b. Training Programs/FDPs:**

**2020-2021**

<b>SL.No:</b>	<b>FDP/ STTP Training Programs</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1.	Augmented Reality/ Virtual Reality	JNTUA CEA, Anantapuramu	5 <sup>th</sup> to 9 <sup>th</sup> January, 2021	<b>ATAL/AICTE</b> JNTUA CEA, Anantapuramu
2.	<b>STTP</b> - Challengers and Research Directions for Block Chains in the IOT	SONA College of Technology of Salem,Tamil.Nadu	4 <sup>th</sup> to 9 <sup>th</sup> January,2021	Dept. of MCA, Sponsord AICTE, SONA College of Technology of Salem, Tamil.Nadu.
3.	Application of Mechine Learning and Data Science in the Emerging Areas	VJIT Institute of Technology, Hyderabad.	18 <sup>th</sup> to 21 <sup>th</sup> February, 2021	Dept. of CSE, IT & AI, TEQUIP-III, VJIT,Hyd.
4.	<b>STTP</b> - on Moral, Values, Attitude and Behaviour Sciences	G.L.Bajaj Institute of Technology & Mangement,NOIDA, UP, India	8 <sup>th</sup> to 13 <sup>th</sup> February,2021	Dept.of EEE, by AICTE, G.L.Bajaj Institute of Technology & Mangement, NOIDA,UP,India

5.	<b>STTP - Data Science Tools &amp; Techniques in Engineering</b>	PSNA College of Engineering and Technology, Dindigul, Tamil Nadu	8 <sup>th</sup> to 13 <sup>th</sup> February, 2021	Dept. of IT, Sponsord AICTE, PSNA College of Engineering and Technology, Dindigul, Tamilnadu.
6.	<b>Participative Teaching Learning Methods case Study Analysis</b>	JNTUA School of Management Studies, Ananthapur.	15 <sup>th</sup> – 20 <sup>th</sup> March, 2021	Dept. of MBA, JNTUA School of Management Studies & FDC Cell JNTUA, Ananthapur.

**2019-2020**

SL.No :	Training Programs/FDPs	Place	Duration	Organized / Attended
1.	<b>Training Programme on “SOFT SKILLS DEVELOPMENT”.</b>	JNTUA CEA, Anantapuramu	<b>23<sup>RD</sup> to 30<sup>th</sup> November, 2019</b>	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
3.	<b>FDP on Cyber Security</b>	JNTUA CEA, Anantapuramu	16 <sup>TH</sup> TO 20 <sup>th</sup> December, 2019	Under ATAL-Guwahati & AICTE-New Delhi
4.	<b>FDP on Leadership Skills</b>	JNTUA CEA, Anantapuramu	19 <sup>th</sup> to 24 <sup>th</sup> August, 2019	Under <b>TEQIP</b> & Bikaner Technical University, Bikaner-Rajasthan- Conducted by JNTUA CEA, Anantapuramu
5	<b>FDP on “Innovative Teaching – Learning Techniques in Higher Education”</b>	JNTUA CEA, Anantapuramu	4 <sup>th</sup> to 9 <sup>rd</sup> September, 2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
6.	<b>FDP on Research Methodology and Data Analysis”</b>	JNTUA CEA, Anantapuramu	23 <sup>rd</sup> to 28 <sup>th</sup> September, 2019	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
7.	<b>FDP on Digital Manufacturing (Industrial Robotics)</b>	JNTUA CEA, Anantapuramu	18 <sup>th</sup> to 23 <sup>rd</sup> November, 2019	Under AP State Skill Development Corporation
8.	<b>FDP on Ethical Hacking and Cyber Security.</b>	<b><u>ONLINE-FDP</u></b> By Institute of Aeronautical Engineering, Hyderabad (T.S)	23 <sup>rd</sup> to 27 <sup>th</sup> May, 2020	By Dept. of IT, Institute of Aeronautical Engineering, Hyderabad (T.S) in Association with



				Supraja Technologies.
9.	<b>FDP ON CYBER FORENSICS &amp; ATTACKS</b>	<b><u>ONLINE-FDP</u></b> By Institute of Aeronautical Engineering, Hyderabad(T.S)	<b>22-24 May 2020</b>	By Dept. of IT, Institute of Aeronautical Engineering, Hyderabad (T.S) in Association with INDIAN SERVERS.
10.	<b>IOT &amp; MACHINE LEARNING</b>	<b><u>ONLINE-FDP</u></b> By GPREC KURNOOL	26 <sup>th</sup> to 30 <sup>th</sup> June, 2020.	By Dept... Of ECE GPREC , KURNOOL(Dist...), A.P.
11.	<b>FDP on “Artificial Intelligence”</b>	<b><u>ONLINE-FDP</u></b> By Sathyabama Institute Of Science and Technology, Chennai, Tamil Nadu.	15 <sup>th</sup> to 17 <sup>th</sup> June,2020	By Dept. of CSE, Sathyabama Institute Of Science and Technology, Chennai, Tamil Nadu.
12.	<b>ONLINE FDP O CLOUD INFRASTRUCTURE AND VIRTUALIZATION</b>	<b><u>ONLINE-FDP</u></b> By Institute of Aeronautical Engineering, Hyderabad(T.S)	<b>25-29 May 2020</b>	By Dept. of CSE, Institute of Aeronautical Engineering, Hyderabad (T.S).

### 2018-19

S.No	Training Programs/FDPs	Place	Duration	Organized / Attended
1	<b>Design and development of MOOCS through SWAYAM</b>	JNTUA CEA, Anantapuramu	18 <sup>th</sup> to 23 <sup>rd</sup> January, 2019	E&ICT Academy, National institute of Technology, Warangal at JNTUA CEA, Ananthapuramu
2	<b>Soft Skills and Personality Development</b>	JNTUA CEA, Anantapuramu	10 <sup>th</sup> to 14 <sup>th</sup> December, 2018	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu
3	<b>Reinforcing Professional Communication Skills for Teaching Faculty</b>	JNTUA CEA, Anantapuramu	11 <sup>th</sup> – 15 <sup>th</sup> june, 2018	Under <b>TEQIP</b> JNTUA CEA, Anantapuramu

**2017-18**

<b>S.No</b>	<b>Training Programs/FDPs</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1	<b>Network Simulator - 3</b>	Srinivasa Ramanujan Institute of Technology, Ananthapuramu	8 <sup>th</sup> & 9 <sup>th</sup> December, 2017	Dept. of CSE, Srinivasa Ramanujan Institute of Technology, Ananthapuramu
2	<b>BIG DATA ANALYTICS</b>	JNTUA CEA, Anantapuramu	20 <sup>th</sup> to 22 <sup>nd</sup> February, 2017	JNTUA CEA, Anantapuramu
3	<b>Teacher Training Program conducted by APSCHE &amp; British Council from</b>	JNTUA CEA, Anantapuramu	19-06-2017 to 23-06-2017 & 03-07-2017 to 07-07-2017	JNTUA CEA, Anantapuramu

**2016-17**

<b>S.No</b>	<b>Training Programs/FDPs</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1	<b>Software Engineering</b>	JNTUA CEA, Anantapuramu	17 <sup>th</sup> to 28 <sup>th</sup> June, 2016	Dept. of CSE, JNTUA CEA and Electronics & ICT Academy, National Institute of Technology, Warangal.

**ONLINE-WEBINARS attended: 2019-2020**

<b>SL.No:</b>	<b>Webinar Title</b>	<b>Place</b>	<b>Duration</b>	<b>Organized / Attended</b>
1.	<b>Impact of AI during Pandemic Times</b>	<b>ONLINE-WEBINAR</b>	<b>4<sup>th</sup> June,2020</b>	<b>By McGrawHill</b>
2.	<b>Leadership in Times of Crisis</b>	<b>ONLINE-WEBINAR</b>		<b>By McGrawHill</b>
3.	<b>Semantic Web and its Application in</b>	<b>ONLINE-WEBINAR</b>	<b>6<sup>th</sup> May,2020</b>	<b>By Mizoram University,</b>

	<b>Humanities and Social Science</b>			<b>Aizawl,India</b>
<b>4.</b>	<b>5G Technology &amp; Its Applications</b>	<b>ONLINE- WEBINAR</b>	<b>28<sup>th</sup> May,2020</b>	<b>By Sri Vasavi Institute of Engineering &amp; Technology, Krishna(Dist),A.P.</b>
<b>5.</b>	<b>Building on IOT Cloud for Healthcare Applicationa</b>	<b>ONLINE- WEBINAR</b>	<b>30<sup>th</sup> May,2020</b>	<b>By Anna Adarsh College for Women Dept. of BCA (Shift-1) in Association with Pantech E Learning.</b>
<b>5.</b>	<b>Artificial Intelligence for Employee Attribution</b>	<b>ONLINE- WEBINAR</b>	<b>29<sup>th</sup> May,2020</b>	<b>By Adhiyamaan College of Engineering, in Association with Pantech E Learning.</b>
<b>6.</b>	<b>Deep Learning Using Tensor Flow &amp; Keras</b>	<b>ONLINE- WEBINAR</b>	<b>27<sup>th</sup> May,2020</b>	<b>By Institute of Aeronautical Engineering, in Association with Pantech E Learning.</b>
<b>7.</b>	<b>Building Deep Learning Applications for Big Data</b>	<b>ONLINE- WEBINAR</b>	<b>28<sup>th</sup> May,2020</b>	<b>By Kings Engineering College, Chennai.</b>
<b>8.</b>	<b>Data Science and its Applications</b>	<b>ONLINE- WEBINAR</b>	<b>27<sup>th</sup> May.2020</b>	<b>By Meenakshi College of Engineering, in Association with Pantech E Learning.</b>
<b>9.</b>	<b>Renewable energy Sources Using MATLAB</b>	<b>ONLINE- WEBINAR</b>	<b>28<sup>th</sup> May,2020</b>	<b>By Methodist College of Engineering &amp; Technology, in Association with Pantech E Learning.</b>
<b>10.</b>	<b>Big Data and Data Science</b>	<b>ONLINE- WEBINAR</b>	<b>31<sup>st</sup> May,2020</b>	<b>By MGR Educational and Research Institute, in Association with Pantech E Learning.</b>
<b>11.</b>	<b>Deep Learning with Neural Networks</b>	<b>ONLINE- WEBINAR</b>	<b>30<sup>th</sup> May</b>	<b>By Sivajirao Kadam Institute of Technology &amp; Management, in Association with Pantech</b>

				<b>E Learning.</b>
<b>12.</b>	<b>E-Vehicle Design Using MATLAB</b>	<b>ONLINE- WEBINAR</b>	<b>29<sup>th</sup> May,2020</b>	<b>By VNR Vignana Jyothi Institute of Engineering &amp; Technology, in Association with Pantech E Learning.</b>
<b>13.</b>	<b>Digital Transformation Trends ABC's are Changing</b>	<b>ONLINE- WEBINAR</b>	<b>30<sup>th</sup> May,2020</b>	<b>By Sri Venkatesa Perumal College of Engineering &amp; Technology, Puttur,Chittoor(Dist),A.P.</b>

**e. Keynotes/ Session Chairs/ Seminars:**

**7. Academic Details**

**a. Subjects courses taken/Labs**

<b>Academic year</b>	<b>I Sem</b>	<b>II Sem</b>
2020-21	Object Oriented Programming Through Java Java Programming Lab	AI & Functional Programming Lab
2019-20	Object Oriented Programming Computational Intelligence Java programming Lab IT Workshop Lab	Linux Programming Computational Intelligence Linux Programming Lab DataStructures Lab
2018-19	Java programming Computational Intelligence IT Workshop Lab Java programming Lab	Linux Programming Computational Intelligence Linux Programming Lab DataStructures Lab
2017-18	Programming with Java Internet of Things IT Workshop Lab Java programming Lab	Linux Programming Programming with Java Java programming Lab Linux Programming Lab

2016-17	Java programming Problem solving Methods IT Workshop Lab Java programming Lab	Genetic Algorithms and Applications Linux programming Linux programming Lab Genetic Algorithms and NLPLab
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### **b. B. Tech Projects Guided**

S.No	Admission No	Title of the Project	Year

### **c. M.Tech Projects Guided**

S.No	Admission No	Title of the Project	Year

### **d. MCA Projects Guided**

S.No	Admission No	Title of the Project	Year
S.No	Admission No	Title of the research work	Research Status
Nil	Nil	Nil	Nil

## **8. Development activities**

a. Product Development: Nil

b. Research laboratories: Nil

c. Instructional materials: Nil

d. Working models/charts/monograms etc.  
Nil

## **9. Administrative works supported:**

**2019-20**

- Worked for IGUAGE Data Survey.
- Supporting for 1st B.Tech Admissions.
- Faculty in-charge for Dept. Library.
- Faculty in-charge for Dept. Laboratories.

- Faculty in-charge for Community Services from Department.
- Trained

#### **2018-19**

- • Supporting for 1st B.Tech Admissions.
- Acted as Expert in the skill category Information Network Cabling in Naipunya.
- Acted as Expert in the skill category Information Network Systems Administration in Naipunya
- Faculty in-charge for Dept. Library.
- Faculty in-charge for Dept. Laboratories.
- Technical supporting for Updating Laboratories.
- Hand help for Organizing Workshops and Department Events.

#### **2017-18**

- Acted as Representative for Placement Activities from Department.
- Technical supporting for Lab updating.
- Hand help for Organizing Workshops and Department Events.
- Actively involved and collected Information for NBA.

### **10. Awards and Rewards:**

**1.** Awardee of “**Adarsh Vidya Saraswati Rastriya Puraskar**” Award On 2<sup>nd</sup> October, 2016 by Global Management Council, Ahmadabad, India.

### **12. Social activities (NSS/NCC/Any other):**

Nil