# JNTUA COLLEGE OF ENGINEERING (Autonomous), Ananthapuramu
## Department of Computer Science and Engineering
## <u>Self-Assessment Report (SAR)</u>
### <u>(2016-17 to Till date)</u>

## 1. Personal Details

|   |   |   |
|---|---|---|
| a. | Name of the faculty | : D MADHURI |
| b. | Father Name | : D SURYA NARAYANA |
| c. | Mother Name | : BANDARU VARA LAKSHMI DEVI |
| d. | Gender | : FEMALE |
| e. | Date of Birth | : 22-07-1993 |
| f. | Category (OC/BC/SC/ST) (Mention sub category) | : BC-B |
| g. | Joining Date | : 1-9-2017 |
| h. | Current Designation | : ASSISTANT PROFESSOR(ADHOC) |
| i. | Aadhaar No | : 248998528272 |
| j. | PAN No | : BLVPD0029H |
| k. | Residential Address | : FLAT NO: 007, RAJAHAMSA ROYAL REGENCY APPARTMENTS, 1$^{ST}$ ROAD ANANTAPUR. |
| l. | Email-id (P) | : madhuri.dasari55@gmail.com |
| m. | Email-id (O) | : madhuri.dasari55@gmail.com |
| n. | Mobile | : 8008217495 |

## 2. Qualifications:

| Course | Name of the Institution studied | Name of the University | Year of graduation | % of marks obtained | Division |
|---|---|---|---|---|---|
| SSC | Montessori English Medium High School, Kurnool. | Board of Secondary Education, Andhra Pradesh. | 2008 | 88 | First Class with Distinction. |

| | | | | | |
|---|---|---|---|---|---|
| **Intermediate** | Sri Chaitanya Junior College, Hyderabad | Board of Intermediate Education, Andhra Pradesh | 2010 | 90.3 | First Class with Distinction. |
| **B. Tech/B.E.** | G.Pulla Reddy Engineering College, Kurnool. | Jawaharlal Nehru Technological University, Ananthapuramu | 2014 | 76.50 | First Class with Distinction. |
| **M.Tech/M.E** | J.N.T.U.A College of Engineering, Pulivendula. | Jawaharlal Nehru Technological University, Ananthapuramu | 2016 | 82.71 | First Class with Distinction. |

## 3. Experience:

| Organization | Designation | Duration of Employment | | Duration | Nature of Duties |
|---|---|---|---|---|---|
| | | **From** | **To** | | |
| 1. JNTUACEA | Assistant Professor (Adhoc) | September 2017 | Till date | 3.5 Years | Teaching |
| 2.JNTUACEP | Teaching Assistant Ship | December 2014 | December 2016 | 2 years | Teaching Assistant ship under TEQUIP-II |

## 4. Patents and research projects
### a. Sponsored Research:

| SI.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) |
|---|---|---|---|---|---|---|---|
| -- | | | | | | | |

### b. Consultancy:

| SI.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) |
|---|---|---|---|---|---|---|---|

| S.no | | | | | | | | |
|------|---|---|---|---|---|---|---|---|
| -- | | | | | | | | |

### 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) |
|------|----------------|------------|------------------|-----------------------------------------------|--------------|---------------------------------|---------------|-------------------|-------------|--------------------------------|
| -- | | | | | | | | | | |

## 5. List of publications: (NC/IC/NJ/IJ)

### a. International Journals

| S.NO | Details of the Publication | (SCI/Scopus/UCG Care) and others |
|------|----------------------------|----------------------------------|
| 1 | **Performance comparison of TCP, UDP and SCTP in a wired network** | **UGC CARE** |

### b. International Conferences:

| S.NO | Details of the  Publication | (IEEE/IET) and others |
|------|-----------------------------|-----------------------|
| 1 | International Conference on Communication and Electronics Systems (ICCES) presented a paper on "**Performance comparison of TCP, UDP and SCTP in a wired network"** | **IEEE** |

### c. Book/Book Chapters:

| S.NO | Title of Book/Chapter | Name of the Publication, edition and year | Book / Book Chapter |
|------|-----------------------|-------------------------------------------|---------------------|
| **--** | | | |

## 6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):

### a. Workshops Organized

| S .No | Workshops | Place | Duration |
|-------|-----------|-------|----------|
| -- | | | |

### b. Workshops Attended

| S.No | Workshops | Place | Duration |
|---|---|---|---|
| 1 | One day workshop on "21st century teaching Strategies". | JNTUACEA, Ananthapuramu. | On 16th September, 2017 |
| 2 | Participated in National Level Three Day workshop on "Entrepreneurship, Innovation and Startups" | Sponsored by TEQIP-III JNTUA College of Engineering, Anantapuramu | During 20th, 21st and 22nd August 2019 |
| 3 | Participated One-Day Workshop on "Assistance of Geo Informatics to solve Groundwater problems in Hard Rock Terrain of the country" | Organized by Department of CSE JNTUA under TEQUIP-III in association with IEEE-WIE Society. | On September 6th 2019 |
| 4 | Participated in National level Three day Workshop on "Augmented Reality and Virtual Reality" | Conducted by JNTUCEA sponsored by TEQUIP-III | During 6th,7th and 8th September 2019 |
| 5 | Participated in "NAAC Assessment and Accreditation : a step by step process" | Online conducted by GATES institute of technology | During 28,29,30 may 2020 |
| 6 | Participated in "Refresher Course on problem solving using C" | Online conducted by IIT Bombay | During 1-6 june 2020 |
| 7 | Participated in "Applied Deep learning Webinar" | Online Conducted By Indian Servers | On 14 june 2020 |
| 8 | Participated in "Machine Learning and Data Learning Webinar" | Online conducted by APSSDC in association with Redpine Signals. | During a week from June 15th 2020(10-12pm and 2-4pm) |
| 9 | Participated in "Artificial Intelligence" | Webinar series-II Organized by IJTCSE Research | On 28th june 2020 |
| 10 | Participated in One day National Webinar on " Role of composites in Modern Engineering era" | Online Organized by Department of Applied Physics and Humanities(Chemistry) of Tirumala Engineering College,A.P | On 29th june 2020 |
| 11 | Participated Webinar on "Data Analytics: The Booming Technology in IT" | Online Conducted by National Skill Development Corporation. | On July 5th 2020 |

| 12 | Participated in Webinar on **"Employability post Covid era: Industry expectations vs education system preparedness"** | Online conducted by AICTE. | On July 11th 2020, 11-1.30pm |
|---|---|---|---|
| 13 | Participated in Webinar on **"SWAYAM Self Management Program –The Art and Science of Success and Happiness"** | Online conducted by APSSDC | On July 20th 2020 |
| 14 | Participated in Webinar on **"Simulation tools for Wireless and Sensor Networks"** | Online Organized by Electronics LE of Francis Xavier Engineering College Tirunelvelli | On July 26th 2020 |
| 15 | Participated in Webinar on **"Impact of Covid-19 in the development of rural economy challenges and opportunity"** | Online conducted by Lead India | On 27th July 2020 |
| 16 | Participated in Webinar on **"Introduction to Amazon Web Services"** | Online conducted by Department of Robotics and Automation | On 5th September 2020 |
| 17 | Participating in Three day Online workshop on **"Cyber Security"** | Online under Tequip III Conducted by Department of CSE, JNTUA | During 16th-18th September 2020 |
| 18 | Participating in One day National webinar on **"National educational policy 2020"** | Online Department of ECE JNTUA Under Tequip-III | On Sep 19th 2020 |
| 19 | Participating in Webinar **"Python for Data Science Virtual Training Program"** | Online organized by APSSDC & EXCELR | During sep 21-25th 2020 |
| 20 | Participating in Webinar **"Neo 2020 Open Challenge and implementation"** | Online organized by SKU | On 20th November 2020 |
| 21 | Participating in Webinar on **"Software Reliability and Saftey"** | Online organized by Dept CSE JNTUA Under Tequip-III | On 20th November 2020 |
| 22 | Participating in Webinar **"Big image Data Processing using Deep Learning Techniques"** | Online organized by Dept CSE JNTUA Under Tequip-III | On 4th December 2020 |
| 23 | Participating in **Webinar "Are We Educated?"** | Online organized by Dept CSE JNTUA Under Tequip-III | On December 12th 2020 |

**c. Training Programs/FDPs Organized**

| S.No | Training Programs/FDPs | Place | Duration |
|------|------------------------|-------|----------|
| -- | | | |

## d. Training Programs/FDPs Attended

| S.No | Training Programs/FDPs | Place | Duration |
|------|------------------------|-------|----------|
| 1 | Participated in Two day Faculty Development program on **"Data Science"** | JNTUACEA, Ananthapuramu. | During 3rd and 4th April 2018 |
| 2 | Participate in National Level Five day FDP on "**Cyber Security**" | sponsored by AICTE Training and Learning conducted by JNTUA | During December 16th-20th 2019 |
| 3 | Participated in AICTE two week FDP on "**Mathematical Modeling and simulations for simulations for scientist and engineering**" | Chemical dpt JNTUACEA, Ananthapuramu. | During 24-2-2020 to 7-3-2020 |
| 4 | Participated in FDP **"AWS cloud computing"** | Online Organized by APSSDC Online | During 20-26 june 2020 |
| 5 | Participated in Five day National FDP on **"Teaching and researching in languages and literature"** | Online | During 1st July 2020-6th july 2020 |
| 6 | Participating in FDP on **"Artificial Intelligence and Deep Learning"** | Online Conducted by 360DiGiTMC and organized by APPSDC | During 60Hours started from 1st July 2020 daily 3 hours(10.30-1.30pm) |
| 7 | Participated in One week FDP on **"Introduction to Data Mining and Machine learning"** | Online organized by Organized by Department of CSE , G.Pulla Reddy Engineering College,A.P. | During 9th july 2020-15th july 2020(11-12.30pm) |
| 8 | Participating in the One week FDP AICTE sponsored STTP on **"Introduction to Data Analytics and Machine Learning Using R and Python"** | Online Organized by Department of CSE, JNTUA College of Engineering, A.p | During 13th july -18th july 2020(10-5.30pm). |
| 9 | Participating in the FDP on **"Block Chain Technology".** | Online Conducted by APSSDC delivered by IDC Inc | During 13-17th july 2020(3-5pm) |

| | | | |
|---|---|---|---|
| 10 | Participating in One week FDP on "**Emergencing Trends in Computer Science and engineering and its applications** | Online Organized by Department of C.S.E and C-DAC | During 5-9$^{th}$ august 2020 |
| 11 | Participating in FDP on "**Block Chain**" | Online conducted by AICTE Atal | During 24-28$^{th}$ august 2020 |
| 12 | Participating in the ATAL FDP" **Recent trends in Data Science and its tools for Research**" | Online conducted by AICTE Atal | During 28$^{th}$ September-2$^{nd}$ October 2020 |
| 13 | Participating in the ATAL FDP "**Block Chain Application Development Using Hyperledger and Ethereum**" | Online conducted by NIT Meghalaya | During October 5$^{th}$-9$^{th}$ 2020 |
| 14 | Participating in the FDP on "**R Programming**" | Online conducted by 360 DigiTMG Skill AP APSSDC | During September 7$^{TH}$-5$^{TH}$ October 2020 |
| 15 | Participating in the FDP on "**Block Chain**" | Online Conducted by ATAL AICTE | During 15$^{th}$ December 2020-19$^{th}$ December 2020 |
| 16 | Participating in the FDP on "**Big data Analytics with ML**" | Online Organized by JNTUA CSE Department under Tequip-III | During December 18$^{th}$-19$^{th}$ 2020 |
| 17 | Participating in the FDP on " **ML and Android Development**" | Online Organized by Sbcet Jaipur t under Tequip-III | During December 21$^{th}$-25$^{th}$ 2020 |
| 18 | Participating in the FDP on "**Secure Data Optimization in IOT using GNU Radio Campanion & USRP**" | Online Organized by Excel Eng College,Tamilnadu | During 18$^{th}$-23$^{rd}$ January 2021 |
| 19 | Participating in the FDP on " **Data Sciences Business Intelligence & Big data analytics**" | Online Conducted by ATAL AICTE Organized by Dept of CSE Sidhartha Institute of Technology | During 25$^{th}$ to 29$^{th}$ Jan 2021 |

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

# 7. Academic Details
## a. Subjects courses taken/Labs

| Academic year | I Sem | II Sem |
|---|---|---|
| 2017-18 | M.Tech –<br><br>• Advance Data Bases(CSE).<br><br>• Distributed Operating Systems(CS).<br><br>• Data Structures and Data Bases Lab(CSE). | B.Tech. –<br><br>• IT Workshop Labs for CSE and<br><br>• IT Workshop Labs for ECE branch.<br><br>M.Tech.-<br><br>• Big Data Analytics(CS).<br><br>• Natural Language and Processing(AI).<br><br>• Natural Language Processing and Genetic(AI) |
| 2018-19 | B.Tech. --<br><br>• IT Workshop Lab for Civil.<br>• Operating Systems and Data Mining Lab.<br><br>M.Tech –<br><br>• Advance Data Bases(CSE).<br><br>• Distributed Operating Systems(CS).<br><br>• Data Structures and Data Bases Lab(CSE). | B.Tech. –<br><br>• IT Workshop Labs for CSE and<br><br>• IT Workshop Labs for EEE branches<br><br>• Data Base Management Systems Lab<br><br>M.Tech.-<br><br>• Big Data Analytics(CS,CSE).<br><br>• Natural Language Processing and Genetic Algorithms Lab(AI). |
| 2019-20 | B.Tech –<br><br>• Computer organization (CSE)<br><br>• Phyton Lab( Civil)<br><br>• Computer Science and Engineering Workshop Lab (CSE) | B.Tech. –<br><br>• Data Analytics (CSE)<br><br>• Human Values and Professional Ethics (CSE) |

| | | |
|---|---|---|
| | • Problem Solving and Computer Programming Lab (CSE) | • OOAD and Data Analytics Lab (CSE)<br><br>• Mobile Application Development Lab(CSE)<br><br>• Algorithms Lab(CSE)<br><br>M.Tech.-<br><br>• Data Science Lab |
| 2020-21 | M.C.A-<br><br>• Computer Networks(CSE) | |

## 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 |
|---|---|---|---|
| -- | | | |

## e. PhD scholars

| S.No | Admission No | Title of the research work | Research Status |
|---|---|---|---|
| -- | | | |

## 8. Development activities

    a.  Product Development:--

    b.  Research laboratories:--

    c.  Instructional materials:--

d. Working models/charts/monograms etc.--

## 9. Administrative works supported:
- Performed Invigilation duties for different exams (End semester examinations, CET examinations).

- Actively participated in VC2 TechFest held on 13-14 Feb 2020

- Performed Scrutiny and corrections for different examinations.

- Actively participated in NBA work of the department.

## 10. Awards and Rewards: --

## 11. Social activities (NSS/NCC/Any other): --
- Participated and completed A Quiz on Modern Physics" on 30th June 2020 conducted by Department of Physics Aurora's Degree and PG College, Hyderabad.

- Participated in the quiz on "Block Chain Technology" and has passed with 73% organized by CSE&IEEE student branch, NSAKCET held on 15th July 2020.

- Participated in the quiz on Environmental Science on August 28th 2020.

- Participated in the quiz on Chemistry in Daily Life on August 28th 2020.

- Participated in the Literary English quiz series: 5 on September 13th 2020.

- Participated in the quiz on Ozone layer conducted by Department of Chemistry on September 15th 2020.