

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

**1. Personal Details**

- a. Name of the faculty :** Dr. A. SURESH BABU
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**2. Qualifications:**

| Course                | Name of the Institution studied              | Name of the University               | Year of graduation | % of marks obtained | Division                     |
|-----------------------|--|--------------------------------------|--------------------|---------------------|------------------------------|
| SSC                   | Ravindra Vidyanikethan High School, Kurnool. | Board of Secondary Education, A.P    | 1994               | 78%                 | First class with Distinction |
| Intermediate /Diploma | Adarsha Junior college ,Ongole               | Board of Intermediate Education, A.P | 1996               | 88.3%               | First class with Distinction |
| B. Tech/B.E.          | Gprec, Kurnool. SK University, Anantapur.    | SK University, Ananthapuramu         | 2000               | 65%                 | First class                  |
| M. Tech/M.E           | JNTU, Hyderabad                              | JNT University, Hyderabad            | 2005               | 80%                 | First class with Distinction |
| Ph.D.                 | JNTUA, Ananthapuramu                         | JNTUA, Ananthapuramu                 | 2013               | -                   | -                            |

### 3. Experience: 20 years

| Name of the employer/ organization | Your designation      | Duration of employment |           | Nature of duties |
|------------------------------------|-----------------------|------------------------|-----------|------------------|
|                                    |                       | From                   | To        |                  |
| JNTUACEA                           | Professor             | Dev 2017               | Till Date | Teaching &HOD    |
| JNTUACEA                           | Associative Professor | Sep 2014               | Dev 2017  | Teaching &ACE    |
| JNTUACEP                           | Assistant Professor   | Feb 2014               | Sep 2014  | Teaching &HOD    |
| JNTUACEA                           | Assistant Professor   | Feb 2009               | Feb 2011  | Teaching and ACE |
| SKTRMCE, kondair, Mahaboobnagar    | Assistant Professor   | Aug 2001               | Nov 2006  | Teaching &HOD    |

### 4. Patents and research projects

#### a. Sponsored Research/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) |
|-------|-------------------------------|-------------------------------|-------------------------|-----------------------|--------------------|------------------------|----------------------------------|
| -     | -                             | -                             | -                       | -                     | -                  | -                      | -                                |

#### b. Patents

| S.n | 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/ National Journals**

| S.NO | NATIONAL / INTERNATIONAL | TITLE OF THE PAPER  | JOURNAL Name   | VOLUME Number       | ISSN / ISBN /ACCN Number          | PUBLICATION YEAR (2015-2018) |
|------|--------------------------|---|--|---------------------|-----------------------------------|------------------------------|
| 1    | INTERNATIONAL            | Extending the CrowdOP (Query Optimization For Advanced SQL Operators                            | Journal of Basic and Applied Engineering Research  | Volume 3, Issue 12, | ISSN: 23500077<br>UGC Ref: 45889  | 01 December 2016             |
| 2    | INTERNATIONAL            | Domain Sensitive Recommendation using both User Item Subgroup Analysis and Social Trust Network | International Journal of Scientific Research in Science, Engineering and Technology                      | Volume 3, Issue 5,  | ISSN: 2394-4099<br>UGC Ref: 47147 | 01 August 2017               |
| 3    | INTERNATIONAL            | Big Data Predictive Analytics with RevoScaleR   | Journal of Network Communications and Emerging Technologies (JNCET)                                      | Volume 7, Issue 8,  | ISSN: 2395-5317<br>UGC Ref: 47552 | 01 August 2017               |
| 4    | INTERNATIONAL            | Redundant and Irrelevant Feature Detection System using Online Feature Selection Algorithm      | International Journal of Scientific Research in Computer Science, Engineering and Information Technology | Volume 2, Issue 4,  | ISSN: 2456-3307<br>UGC Ref: 64718 | 01 August 2017               |
| 4    | INTERNATIONAL            | An Embedding Model for Mining Human Trajectory Data with Image Sharing                          | Journal of Emerging Technologies and Innovative Research   | Volume 4, Issue 9,  | ISSN: 2349-5162<br>UGC Ref: 63975 | 01 September 2017            |
| 5    | INTERNATIONAL            | Modeling reformulation queried into snippets for improving automatic query expansion            | International Journal for Research in Applied Science and Engineering Technology                         | Volume 5, Issue 9,  | ISSN: 2321-9653<br>UGC Ref: 44382 | 01 September 2017            |

|    |               |   |   |  |                               |                  |
|----|---------------|---|---|--|-------------------------------|------------------|
| 6  | INTERNATIONAL | Sanctuary Events in Data Mining   | International Journal of Emerging Technology and Advanced Engineering                   | Volume 7, Issue 11, ISSN: 2250-2459 UGC Ref: 44256 |                               | 01 November 2017 |
| 7  | INTERNATIONAL | A Novel Approach to Analysis District level long Scale Seasonal Forecasting of Monsoon Rainfall in Andhra Pradesh and Telangana | International Journal of Advanced Research in Computer Science                          | Volume 8, Issue 9,                                 | ISSN: 0976-5697 UGC Ref: 2503 | Nov-Dec 2017     |
| 8  | INTERNATIONAL | Survey: Opinion Spam Detection Approaches and Techniques  | International Journal of Computer Science and Information Technologies                  | Volume 7, Issue 2,                                 | ISSN: 09759040                | 08 July 2015     |
| 9  | INTERNATIONAL | Optimized Balanced Scheduling Based Data Anonymization on Cloud   | International Journal of Advanced Research in Computer Science and Software Engineering | Volume 6, Issue 10, ISSN: 2277 128X                |                               | 01 October 2016  |
| 10 | INTERNATIONAL | Multi Item Recommendation System Using Re-Rank Technique  | International Journal of Advanced Research in Computer Science and Software Engineering | Volume 6, Issue 10,                                | ISSN: 2277 128X               | 01 October 2016  |
| 11 | INTERNATIONAL | An Approach of SQL of JSON Transformation For Handling Database Operations  | International Journal of Advanced Research in Computer Science and Software Engineering | Volume 7, Issue 5,                                 | ISSN: 2277 128X               | 01 May 2017      |

|    |               |   |  |                                       |                 |                  |
|----|---------------|---|--|---------------------------------------|-----------------|------------------|
| 12 | INTERNATIONAL | Data Reduction using a Duplication Aware Resemblance Detection and Elimination Scheme   | International Journal of Advanced Research in Computer Science and Management Studies  | Volume 5, Issue 8,                    | ISSN: 2321-7782 | 01 August 2017   |
| 13 | INTERNATIONAL | A Novel Hadoop Based Multi-way Join model for Co-locating Spatial Pattern Mining  | International Journal of Control Theory and Applications   | Volume 10, Issue 31,                  | ISSN: 0974-5572 | 01 November 2017 |
| 14 | INTERNATIONAL | An Adaptive Model for Forecasting Seasonal Rainfall Using Predictive Analytics”,  | International Journal of Intelligent Engineering and Systems   | Vol.12, No.5, (IS:1.17)               |                 | 2019.            |
| 15 | INTERNATIONAL | An Applied Time Series Forecasting Model for Yield Prediction of Agricultural Crop”   | <u>Advances in Intelligent Systems and Computing</u> book series   | (AISC, volume 1118).( IS:0.63 )       |                 | 2019             |
| 16 | INTERNATIONAL | Department of Computer Science and Engineering Rainfall Prediction Based Crop Analysis using LSTM in Coastal Andhra Pradesh Region” | Jour of Adv Research in Dynamical & Control Systems,   | Vol. 11, 02-Special Issue, (IS:0.41)  |                 | 2019             |
| 17 | INTERNATIONAL | A Personalized Artificial Neural Network Model for Crop Yield Forecasting”  | Jour of Adv Research in Dynamical & Control Systems  | Vol. 11, Special Issue-05,(IS: 0.41). |                 | 2019             |
| 18 | INTERNATIONAL | “An Enhanced Multiple Linear Regression Model for Seasonal Rainfall Prediction”   | International Journal of Sensors, Wireless Communications and Control  |                                       |                 | 2019             |
| 19 | INTERNATIONAL | A Comparative Study on Topic Modeling using Sentiment Analysis for Recognition of Public Health Surveillance.                       | <i>Design Engineering</i> , Retrieved from <a href="http://thedesigengineering.com/index.php/DE/article/view/6583">http://thedesigengineering.com/index.php/DE/article/view/6583</a> | Vol 2021: Issue 08                    | 14553 - 14584.  | 2021             |

|    |               |   |  |                      |                               |      |
|----|---------------|---|--|----------------------|-------------------------------|------|
| 20 | INTERNATIONAL | Distributed Multimodal Aspective on Topic Model Using Sentiment Analysis for Recognition of Public Health Surveillance            | Expert Clouds and Applications, Springer, Singapore<br><a href="https://doi.org/10.1007/978-981-16-2126-0_38">https://doi.org/10.1007/978-981-16-2126-0_38</a> |                      | Online ISBN 978-981-16-2126-0 | 2022 |
| 21 | INTERNATIONAL | Optimization of Data Placement using Principal Component Analysis based Pareto-optimal method for Multi-Cloud Storage Environment | IJCSNS International Journal of Computer Science and Network Security, VOL.21 No.12, December 2021   | VOL.2<br>1<br>No.12, | ISSN / eISSN 1738-7906        | 2021 |

**b. International/ National Conferences:**

| Sl.No. | Title  | Details of Conference Publication  |
|--------|--|--|
| 1      | Presented a Paper “Bandwidth Aided Topology Awareness in Unstructured P2P Networks.  | Global conference on Recent Trends in Electronic Communication Engineering, power and Control ECEPC,   |
| 2      | Participated and Presented a Paper “ A CPU Resource discovery solution using cluster computing”.                                       | In the Fourth International conference on “Science , Engineering and Technology (SET)”   |
| 3      | Presented a Paper on “A Hierarchal data replication strategy for data grids”   | International Conference Computer Science and Engineering(ICCSE-2012)  |
| 4      | Participated and Presented a Paper “ Performance Analysis Of Binary Spray And Wait Routing in DTN’s”                                   | In the 2 <sup>Nd</sup> One Day National Conference on Computer Science and Intelligent System Organized by Dept Of Computer Science and Engineering On 9 <sup>th</sup> October 2013 held at Annaporna Engineering college Salem. |
| 5      | Participated and Presented a Paper on“ Mechanism to Provide Incentives In Peer- to-Peer Overlay Networks”                              | International Conference on Computer Science and Engineeringheldat Mysore on 30 <sup>Th</sup> June,2012  |
| 6      | Participated and Presented a Paper on “ An Approach to Enhance the Performance Of Social Network Integrated P2P File Sharing in DTN’S” | National Conference on Trends in Engineering and Technology held at S.V Colleges,Tirupathi on 13 <sup>th</sup> June ,2015.   |

|    |  |  |
|----|--|--|
| 7  | Participated and presented a paper on” minimizing computational cost CBIR through navigational pattern based relevance feedback”                               | International conference on convergence of science, Engineering & management in education and research-A Global perspective ICCSEM-2013-11 edition held on 26 <sup>th</sup> -27 <sup>th</sup> September 2013 |
| 8  | Participated and presented a paper on”Evolution of two-sided market in game the oxetic pricing”  | International conference on “Innovation in computer Science & Engineering(ICICSE-2013)”, held during 20-21 september ,2013   |
| 9  | Participated and presented a paper on” “distributed multimodal aspective on topic model using sentiment analysis for recognition of public health servillience | International conference on,”Expert clouds and applications:” during 18yh and 19 <sup>th</sup> feb 2021  |
| 10 | Analysis of harmonics and ripple content in vector control schemes for induction motor   | International conference on Advances in signal processing,power,embedded,soft computing, communication and control systems ,11 <sup>th</sup> -12 <sup>th</sup> jan,2019,Kurnool,ap                           |
| 11 | Enhancing seekable servential key generations along with FSS scheme for secure lagging in the cloud  | International conference on emerging trends in engineering& management-ICETEM 2K13   |
| 12 | A hierarchical attribute based solution for flexible &scalable access control in cloud computing   | International journal of recent advances in engineering & technology (IJRAET)ISSN(online)  |
| 13 | HASBE: A hierarchical attribute based solution for flexible &scalable access control in cloud computing  | International conference on Recent trends in engineering and technology  |

**6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):****a. Workshops****2019-20**

| <b>S.No</b> | <b>Workshops</b>  | <b>Place</b> | <b>Duration</b>    | <b>Organized / Attended</b> |
|-------------|---|--------------|--------------------|-----------------------------|
| 1           | Cyber security  | JNTUACE      | 16 to 20 dec 2019  | <b>Organized</b>            |
| 2           | Augmented reality and virtual reality for students                                  | JNTUACE      | 06 to 08 sep 2019  | <b>Organized</b>            |
| 3           | IOT   | JNTUACE      | 29 to 31 oct 2019  | <b>Organized</b>            |
| 4           | Digital pedagogy for effective teaching   | JNTUACE      | 23 to 24 nov 2019  | <b>Organized</b>            |
| 5           | Manthan an identification for students  | JNTUACE      | 7 th Nov 2019      | <b>Organized</b>            |
| 6           | Design and development of moocs through swayam                                      | JNTUACE      | 18 to 23 jan 2019  | <b>Organized</b>            |
| 7           | Assistance of GCO in formalities to solve groundwater problems in hard rock terrain | JNTUACE      | 6 sep 2019         | <b>Organized</b>            |
| 8           | Entrepreneurship innovations and startups   | JNTUACE      | 20 to 22 aug 2019  | <b>Organized</b>            |
| 9           | Software reliability and safety   | JNTUACE      | 20 th nov 2020     | <b>Organized</b>            |
| 10          | Cyber security and ethical hacking  |              | 16 to 18 nov 2020  | <b>Organized</b>            |
| 11          | Big image data processing using deep learning techniques                            | JNTUACE      | 04 th Dec 2020     | <b>Organized</b>            |
| 12          | Data analytics and machine learning using R and Python                              | JNTUACE      | 13 to 18 july 2020 | <b>Organized</b>            |
| 13          | IOT   | JNTUACE      | 12 TO 13 oct 2020  | <b>Organized</b>            |
| 14          | Opportunities in AI and enabling technologies for IOT                               | JNTUACE      | 17 to 28 Nov 2020  | <b>Organized</b>            |



|    |  |         |  |                 |
|----|--|---------|--|-----------------|
| 15 | University level NSS Youth festival                        | JNTUACE | 23 <sup>rd</sup> january,2020                      | <b>Attended</b> |
| 16 | Development of MOOCs and production Techniques             | JNTUACE | 17 <sup>th</sup> and 18 <sup>th</sup> January,2020 | <b>Attended</b> |
| 17 | Programming in C& Data structures                          | JNTUACE | 25 <sup>th</sup> &26 <sup>th</sup> March,2015      | <b>Attended</b> |
| 18 | Agile methodologies  | JNTUACE | 25 <sup>th</sup> feb,2015                          | <b>Attended</b> |
| 19 | Innovations in technology                                  | JNTUACE | 9 <sup>th</sup> dec,2015                           | <b>Attended</b> |
| 20 | Awareness on IT/ITES job roles & big data analytics        | JNTUACE | 20 <sup>th</sup> august,2015                       | <b>Attended</b> |
| 21 | Awareness on Washington accord for outcome based education | JNTUACE | 4 <sup>th</sup> august,2015                        | <b>Attended</b> |
| 22 | Cyber vsecurity  | JNTUACE | 08 <sup>th</sup> oct,2015                          | <b>Attended</b> |
| 23 | 21 <sup>st</sup> century teaching strategies               | JNTUACE | 16 <sup>th</sup> sep,2017                          | <b>Attended</b> |
| 24 | Big data analytics   | JNTUACE | 20 <sup>th</sup> feb to 22 <sup>nd</sup> vfeb,2017 | <b>Attended</b> |

**2018-19**

| <b>S.No</b> | <b>Workshops</b>  | <b>Place</b>                                  | <b>Duration</b> | <b>Organized / Attended</b> |
|-------------|---|---|-----------------|-----------------------------|
| 1           | IBM DB2 Academic Associate  | JNTUA College of Engineering<br>Ananthapuramu | 2 days          | <b>Attended</b>             |
| 2           | Cyber Security  | JNTUA College of Engineering<br>Ananthapuramu | 1 days          | <b>Attended</b>             |
| 3           | Programming in C & Data Structures  | JNTUA College of Engineering<br>Ananthapuramu | 2 days          | <b>Attended</b>             |
| 4           | Examination Management Systems  | JNTUA College of Engineering<br>Ananthapuramu | 2 days          | <b>Attended</b>             |
| 5           | BOOS-MOOL   | JNTUA College of Engineering<br>Ananthapuramu | 2 days          | <b>Attended</b>             |
| 6           | Innovations in Technology   | JNTUA College of Engineering<br>Ananthapuramu | 1 days          | <b>Attended</b>             |
| 7           | Incorporation of Pedagogy in Engineering Education  | Indian Institute of Science                   | 5 days          | <b>Attended</b>             |
| 8           | Advanced Web Technologies   | C- DAC, Hyderabad                             | 10 days         | <b>Attended</b>             |
| 9           | Faculty Development Programme on Pedagogical Training   | JNTUA College of Engineering<br>Pulivenudla   | 5 days          | <b>Attended</b>             |
| 10          | Architecture Algorithms, Analytics for Big Data using cloud and Distributed computing(ABCD- 2014) | JNTUA College of Engineering<br>Pulivenudla   | 5 days          | <b>Attended</b>             |

## b. Training Programs/FDPs

2019-2020

| S.No | Training Programs/FDPs   | Place  | Duration   | Organized / Attended |
|------|--|--|--|----------------------|
| 1    | On-line classes for GATE Examination 2020<br><br><b>Branches:</b> <ul style="list-style-type: none"> <li>• CSE/IT,</li> <li>• ECE,</li> <li>• EEE,</li> <li>• MECH,</li> <li>• CIVIL,</li> <li>• CHEMICAL</li> </ul> | AP State Council for Higher Education, Vijayawada are organizing GATE online coaching classes as per the directions of Minister of Education, Govt. of Andhra Pradesh. | 11 <sup>th</sup> may to 25 <sup>th</sup> july 2020 | <b>Organized</b>     |
| 2    | “practical research insights of map reduce using mangoDB   | JNTUA College of Engineering<br><br>Ananthapuramu  | 18 <sup>th</sup> july 2010                         | <b>Attended</b>      |
| 3    | “data analytics and machine learning using R and python  | JNTUA College of Engineering<br><br>Ananthapuramu  | 13 <sup>th</sup> -18 <sup>th</sup> july,2020       | <b>Attended</b>      |
| 4    | “evolution of IOT and its real time applications   | Malla reddy engineering college,hyderabad  | 13 <sup>th</sup> to 17 <sup>th</sup> july,2020     | <b>Attended</b>      |
| 5    | “machine learning with dimensionality reduction  | VIKAS group of instutions  | 21 to 23 july,2020                                 | <b>Attended</b>      |
| 6    | Software reliability and safety  | JNTUA College of Engineering<br><br>Ananthapuramu  | 20 <sup>th</sup> November,2020                     | <b>Attended</b>      |
| 7    | Software engineering   | JNTUA College of Engineering<br><br>Ananthapuramu  | 17 <sup>th</sup> to 28 <sup>th</sup> june,2016     | <b>Attended</b>      |

**2018-19**

| <b>S.No</b> | <b>Training Programs/FDPs</b>                          | <b>Place</b>                                  | <b>Duration</b> | <b>Organized / Attended</b> |
|-------------|--|---|-----------------|-----------------------------|
| 1           | Cloud Computing in Academics and Research(For Faculty) | JNTUA College of Engineering<br>Pulivenudla   | 3 days          | Organized                   |
| 2           | Big Data Analytics(For Faculty)                        | JNTUA College of Engineering<br>Pulivenudla   | 1 days          | Organized                   |
| 3           | Research Applications to Image Processing(For Faculty) | JNTUA College of Engineering<br>Pulivenudla   | 2 days          | Organized                   |
| 4           | Hadoop Cloud Storage                                   | JNTUA College of Engineering<br>Pulivenudla   | 2 days          | Organized                   |
| 5           | Big Data Analytics(For Students)                       | JNTUA College of Engineering<br>Ananthapuramu | 2 days          | Organized                   |
| 6           | Entrepreneurship,innovation,stratups                   | JNTUA College of Engineering<br>Ananthapuramu | 3               | Organized                   |
| 7           | Internet of things under teqip,1.2                     | SV university,tirupathi                       | 6               | attended                    |

**c. M.Tech Projects Guided: More than 50 projects**

| <b>S.No</b> | <b>Admission No</b> | <b>Title of the Project</b>   | <b>Year</b> |
|-------------|---------------------|---|-------------|
| 1           | 14001D5127          | Big data predictive analytics with revoscaler   | 2014        |
| 2           | 14001D5130          | Enhanced adaptive metric learning for saliency detection  | 2014        |
| 3           | 14001D5210          | Database over http: towards a generalized query approach using rest api   | 2014        |
| 4           | 14001D5222          | Curp clustering using map-reduce technique  | 2014        |
| 5           | 14001D5224          | Multi item recommendation system using rerank technique   | 2014        |
| 6           | 14001D5228          | Optimized balanced scheduling based data anonymization on cloud   | 2014        |
| 7           | 14001D5317          | A framework to extract accurate opinion phrases from online product reviews by using topical sentiment analysis | 2014        |
| 8           | 14001D5319          | Extending the crowdop to support sql operators  | 2014        |
| 16          | 18001D5120          | Performance of extreme learning machine regarding feature selection and transformation techniques               | 2018        |
| 17          | 18001D5208          | Parametered Attentive model for item recommendations in e-commerce  | 2018        |
| 18          | 18001D5212          | E-Learning recommended approach based on the learner's effectiveness  | 2018        |
| 19          | 18001D5406          | A novel architecture of deep learning for recolored image detection   | 2018        |
| 20          | 18001D5212          | E-Learning recommended approach based on the learner's effectiveness  | 2018        |
| 21          | 18001D5406          | A novel architecture of deep learning for recolored image detection   | 2018        |

#### d. MCA Projects Guided

| S.No | Admission No | Title of the Project   | Year |
|------|--------------|--|------|
| 1    | 12001F0036   | Authenticating Spatial skyline Queries with low communication overhead | 2012 |
| 2    | 12001F0006   | Automation of Ration Shop  | 2012 |
| 3    | 12001F0021   | E-Agriculture Management System  | 2012 |
| 4    | 13001F0023   | Online Comprehensive System  | 2013 |
| 5    | 13001F0027   | Online-E-pharming  | 2013 |
| 6    | 13001F0028   | Marketing management system for skill products                         | 2013 |
| 7    | 13001F0053   | University exam registration And Hall Ticket Generation System         | 2013 |
| 8    | 17001F0020   | Cluster analysis and disease mapping using Data mining algorithms      | 2017 |
| 9    | 17001F0027   | Public complaint registration and management system                    | 2017 |
| 10   | 17001F0037   | Agriculture information management system                              | 2017 |
| 11   | 18005F0063   | Monitoring on suspicious discussions on online forums                  | 2018 |
| 12   | 18005F0072   | Automatic sub title generation for sound in videos                     | 2018 |
| 13   | 16001F0009   | Online College Magazine  | 2019 |
| 14   | 16001F0037   | Online Library Automation System                                       | 2019 |
| 15   | 16001F0042   | College Management System  | 2019 |
| 16   | 16001F0050   | Online Training and Placement Cell                                     | 2019 |
| 17   | 16001F0054   | Student Project Repository Management System                           | 2019 |
| 18   | 18001f0025   | Multiple owner maintenance house rental application                    | 2020 |
| 19   | 18001f0026   | Waste food management  | 2020 |
| 20   | 18001f0034   | Biometric based exam gate authentication system with sms alert         | 2020 |
| 21   | 18001f0045   | Age from faces in the deep learning revolution                         | 2020 |
| 22   | 18001f0005   | Orphanage and donation management system                               | 2020 |

**e. PhD scholars**

| <b>S.No</b> | <b>Admission No</b> | <b>Title of the research work</b>   | <b>Research Status</b> |
|-------------|---------------------|---|------------------------|
| 1           | 14022P0516          | Miultiway Join forMarpreduce of Multiple Large Datasets.  | PART TIME              |
| 2           | 15PH0504            | Seasonal rainfall forecasting and crop yield management using machine learning techniques   | PART TIME              |
| 3           | 15PH0527            | Mapreduce Framework For Large Scale Datasets By Incremental And Distributed Inference Method.   | PART TIME              |
| 4           | 15PH0528            | Enabling Trustworthiness Of Users In Symmetric Searchable Encryption Schemes Over Cloud Data.   | PART TIME              |
| 5           | 15PH0501            | feature selection and review spam detection in big data   | PART TIME              |
| 6           | 15PH0514            | Improved job scheduling technique for hadoop map-reduce in big data applications and optimization scheme for storing and accessing huge number of small files on HDFS | PART TIME              |
| 7           | 16PH0515            | An intuitive based clustering on documents mining using dirichlet process mixture models and its kernels  | PART TIME              |
|             | 17PHI0510           | Identifying hot topics with tweet text, content similarity and interactions   | PART TIME              |
| 8           | 17PHI0512           | A Comparative Study on Topic Modeling using Sentiment Analysis for Recognition of Public Health Surveillance  | FULL TIME              |

## 7. Academic Details

### a. Subjects courses taken/Labs

| Academic year | I Sem   | II Sem  |
|---------------|---|---|
| 2021-22       | Object oriented analysis and design lab<br>Object oriented analysis and design  |   |
| 2020-21       | OPERATING SYSTEMS(B.Tech)<br>OPERATING SYSTEMS lab<br>OPERATING SYSTEMS(M.C.A)<br>OPERATING SYSTEMS lab                 | Secure software engineering<br>Advanced data mining<br>Object oriented analysis and design lab(MCA)<br>Object oriented analysis and design lab(B.Tech)<br>IT workshop |
| 2019-20       | Discrete mathematics  | Data structures lab.<br>Software Testing Lab  |
| 2018-19       | Operating Systems,<br>RM&IPR,<br>Operating systems and Data mining Lab,<br>It work shop (I B.Tech & MCA).               | Object oriented analysis and design with UML.<br>Secure software engineering.<br>UML & Software testing Lab.<br>Web technologies Lab.<br>Data science lab.            |
| 2017-18       | Distributed operating system  | Software Testing Methodologies.<br>Principles of programming language.<br>UML and Software testing lab.<br>Computer programming Lab.<br>Research methodology          |
| 2016-2017     | Software Testing Methodologies.<br>Software testing and UML lab.<br>Cloud computing<br>Data analytics-II<br>IT workshop | Principles of programming language.<br>Big data analytics<br>UML and Software testing lab.<br>Computer programming Lab.   |
| 2015-16       | .<br>Distributed operating system<br>Object oriented analysis and design<br>Unified modeling language lab               | Big data<br>C programming lab<br>OOAD lab   |
| 2014-2015     | -   | Web technologies and scripting ,<br>Web technologies lab  |



## **8. Administrative works supported:**

### **8.1 Professional Services:**

1. He was PG & UG Board of Studies Chairman, Department of Computer Science Engineering, JNTUA College of engineering, Pulivendula.
2. Presently member, PG & UG Bord of Studies, Department of Computer Science Engineering, JNTUAce, Anantapur.  
And also member of PG Bord of Studies, Department of Computer Science Engineering *SITAMS*(Chittoor), PG Bord of Studies, Siddartha Institute of Technology (Autonomous), Puttur and UG board of studies , Department of Computer Science Engineering, GPREC, Kurnool.
3. Invited as chief guest, keynote speaker and session chairs in different National level technical Events.
4. As a Coordinator & Convener organized, A national level Technical Symposiums “PIXEL and sarvagnya at JNTUACEA and JNTUACEP.
5. He attended /organized more than 40 workshops/training programs for faculty and students.
6. In his tenure as a Additional Controller of examinations, developed software for  
Online original degree (OD)  
Online revaluation system  
PC generation system for all PG courses.  
At present all these are running successfully in university examination branch for the last 5 years.
7. As a AICTE expert COMMITTEE Member Visited different colleges in different states in India.
8. He is the member of governing body of SRIT (Autonomous), Anantapur as a AP State Council nominee..
9. Visited various Engg. Colleges on behalf of A.P. Higher Education Regulatory and Monitoring Commission.
10. He was the member of Governing Body nominated by JNTUA for the affiliated colleges and presently member for GKCP, sullurepet and SSSIT ,LOLUR.
11. He is CO-Coordinator in organizing committee to conduct the on-line GATE coaching Lectures held during 11<sup>th</sup> may 2020 to 28<sup>th</sup> july,2020.

## **8.2 Administrative positions held:**

1. Worked as Head of Computer Science & Engineering from 2004 to 2006 in SKTRMCE kondair Mahaboob nagar.
2. Served as Deputy Warden for Amaravathi Hostel, JNTUACEA, in 2009.
3. Served as Additional Controller of Examination Feb 2009 To Feb-2011, JNTUA Anantapuramu.
4. Worked as Head of Computer Science & Engineering Department from Jan -2014 to Sep 2014, JNTUACE, Pulivendula.
5. Served as Additional Controller of Examination Feb 2009 To Feb-2011, JNTUA Anantapuramu.
6. Served as Head of Computer Science & Engineering Department from Jan-2019 to Till April 2021, JNTUACEA Anantapuramu.
7. Presently working as a controller of examinations (UG) from 29-4-2021, JNTUA, Anantapuramu.

## **9. Awards and Rewards: Nil**

**Note: Please enclose all proofs with the SAR.**