

**Name:** Dr. SAGAR YERUVA  
**Designation:** Associate Professor  
**Department:** CSE (AIML and IoT)  
**Mail ID:** sagar\_y@vnrvjiet.in  
**Date of Birth:** 08-08-1978  
**AICTE ID:** 1-1469281247



**Experience (in years):** Teaching: 19 yrs      Research: 10 Yrs  
Others(if any, specify): NA

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2017	Computer Science and Engineering
2	M.Tech	2009	Computer Science and Engineering
3	M.Sc	2003	Computer Science
4	B.Sc	1999	Mathematics, Physics & Computer Science
5	B.Ed	2000	Mathematics & Physical Sciences

### 2. Teaching and Learning:

#### 2.1. Teaching Interests:

C Programming, Data Structures, Core Java, Data Base Management Systems, Operating Systems, Computer Networks, Principles of Programming Languages, Information Retrieval Systems, Data Warehousing & Mining, Cloud Computing, Data Analytics using R, Scripting Languages, Advanced Data Bases and Data Science, Data Analytics, Big Data Analytics

#### Novel Teaching & Learning Techniques adopted:

POGIL, Learning by Doing, Re-Engineering the class room instruction and WIT & WIL (What I am Teaching – What I am Learning)

#### 2.2. Involvement in curriculum updating / Design:

- **Co-Coordinator, Academics:** Involved in updating curriculum for UG and PG Level during 2012 to 2016
- **Coordinator, Certificate Courses:** Involved in framing the document and formats for implementation of certificate courses in the institute level during 2012 to 2016
- **Member, BoS,** CSE(AIML and IoT), VNRVJIET
- **Member, BoS,** BE-CSE, BE(AI & DS), Methodist College of Engineering and Technology, Hyderabad.

### **3. Co-curricular and Extra-Curricular Activities:**

#### **3.1. Interests and Hobbies:**

- Updation of knowledge of computing domain
- Participation in various workshop and FDP to update knowledge.

#### **3.2. CCA/ECA Organized:** reviewer for conferences, chair for technical sessions in international forums, conducted FDP, workshops

- Reviewer for Asian Hematology Research Journal during 2022.
- Reviewer for ICACECS-2021(International Conference on Advances in Computer Engineering and Communication Systems) organized by CSE of VNRVJIET during 13<sup>th</sup> & 14<sup>th</sup> August 2021.
- Reviewer for 2020 IEEE INOCON (International Conference for Innovation in Technology) Technically Cosponsored by IEEE Bangalore Section held during 06<sup>th</sup> – 08<sup>th</sup> November 2020 organized at Nagarjuna College of Engineering & Technology.
- Reviewer for ICACECS-2020(International Conference on Advances in Computer Engineering and Communication Systems) organized by CSE of VNRVJIET during 13<sup>th</sup> & 14<sup>th</sup> August 2020.
- Reviewer for “Smart India Hackathon, 2019” conducted at CMR College of engineering & Technology, Hyderabad during 2<sup>nd</sup> & 3<sup>rd</sup> March 2019.
- Evaluator for technical paper presented during Convergence-2K18, VNRVJIET’s annual technical symposium.
- Session Chair in the conference track titled “Big Data & Data Mining” in the International conference on Artificial Intelligence & Cognitive Computing (AICC-2018) organized by MLRIT, Hyderabad during 02-03 February 2018.
- Reviewer for 1<sup>st</sup> International Conference on Artificial Intelligence & Cognitive Computing (AICC-2018) organized by MLRIT during 02-03 February 2018.
- Reviewer for the 2<sup>nd</sup> International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017).
- Session Chair in the conference track titled “Data Mining & Distributed Computing” in the 7<sup>th</sup> IEEE International Advanced Computing Conference (IACC-2017).
- Reviewer for the 7<sup>th</sup> IEEE International Advanced Computing Conference (IACC-2017).
- Reviewer for the Journal – Advances in Science, Technology and Engineering Systems Journal (ASTESJ) – A Bi-monthly peer reviewed Journal, ISSN: 2415-6698. Reviewer Code: RVCSE0226.

#### **3.3. CCA/ECA participated: NA**

#### **3.4. Counselling and Mentoring Activity:**

- Member, Micro-Teaching, Department of CSE during 2018 to tilldate
- Mentor for group of 30 students (BTech and MTech) from 2017 to tilldate

#### **3.5. Committees involved in:**

##### **Department level:**

- **Coordinator** – M. Tech(Software Engineering) Programme
- **Coordinator**, PG-SE NBA document submission.
- **Member**, Department Development Committee.
- AICTE project proposals.

**Institute Level:**

- **Member:** Institute level Anti-Ragging and Discipline
- **Member,** BoS, CSE and IT, VNRVJIET since July-2016 to July-2022.
- **Member,** BoS, CSE(AIML and IoT), VNRVJIET, since August 2022 to till date
- **Coordinator-PG-SE** NBA SAR submission during AY 19-20 and 20-21
- **Member-** NAAC SAR submission.
- **Associate Editor,** Vignana Vaartha, a quarterly magazine, VNR VJIET during 2014-2018.

**4. Conference / Workshop / Seminar / Guest Lectures:****4.1 Conducted:**

- Coordinator for One Week Faculty Development Program on “R Programming – A Practical Approach”, during 09/05/2022 to 14/05/2022 at VNRVJIET, Hyderabad.
- Coordinator for Faculty Development Program through NKN Summer Course-2019 On “Introduction to Programming: A Pedagogical Approach” *from 17<sup>th</sup> -21<sup>st</sup> June, 2019* under the banner of Electronics and ICT Academy, NIT Patna at VNRVJIET, Hyderabad.
- Organizing Committee member (Finance Committee) for 7<sup>th</sup> IEEE International Advance Computing Conference (IACC-2017) during 5-7 Jan 2017 at VNRVJIET, Hyderabad, India.
- Coordinator for 4-Week Faculty Development Program on “Use of ICT in Education and Blended Learning”, Approved by AICTE during 02/05/2016 to 10/07/2016 at VNRVJIET, Hyderabad.
- Organized a guest lecture on “Software Professional Code of Ethics” for I B. Tech (CSE and IT) students on 18/04/2015 at VNRVJIET, Hyderabad.
- Coordinator for one-day workshop on “NBA- Outcome Based Education” for the faculty of VNRVJIET on 21/11/2014 at VNRVJIET, Hyderabad.
- Coordinator for one-day seminar on “Research Publications and Documentation” for the faculty of VNRVJIET on 03/05/2013 at VNRVJIET, Hyderabad.

**4.2 Attended:**

- Participated in 5 Day online FDP on the theme “Inculcating Universal Human Values in Technical education” organized by All India Council for Technical Education(AICTE) from 26 July, 2021 to 30 July, 2021.
- Participated in one-week online FDP on “Outcome based Education-A step towards excellence” from 11-15 May, 2020 organized by Government College of Engineering, Karad, Maharashtra under Margdarshan scheme, AICTE, New Delhi.
- Participated in one week Faculty Summer Training Program on “Machine Learning” during 20<sup>th</sup> to 25<sup>th</sup> May, 2019 at VNRVJIET organized by Department of IT in collaboration with ACM and CDC.
- Participated in a 3-Day FDP on “Hadoop Framework & Big Data Tools” during 27<sup>th</sup> to 29<sup>th</sup> September, 2018 at VNRVJIET organized by Department of CSE in collaboration with CAPGEMINI.
- Participated in a One Week workshop on “Big Data Analytics” during 25<sup>th</sup> to 30<sup>th</sup> June, 2018 at VNRVJIET organized by Department of CSE in collaboration with CSI, Hyderabad, India.
- Participated in AICTE-ISTE Refresher Programme on “Intelligent Computing and Deep Learning” organized by CSE Department of VNRVJIET during 14<sup>th</sup> to 19<sup>th</sup> May, 2018.

- Participated as a delegate in “Intel India DevCon-2018” at HITEX in Hyderabad during 19<sup>th</sup>-20<sup>th</sup> Apr, 2018.
- Participant in “BRIDGE-Aligning Academia with Industry Analytics” by Deloitte at Deloitte University campus, Hyderabad on 24-02-2018.
- Participant in “Awareness Workshop on Outcome Based Education and Accreditation” at Osmania University on 18/12/2016.
- Participated and presented a research paper in a National conference on ITBCMS at Bharat Institute of Engineering and Technology on 16/12/2016 to 16/12/2016.
- Participated in one-day workshop on “Machine Learning on BIGDATA with HADOOP” at JNTU-Hyderabad on 26/11/2016.
- Participated in a Four-Week AICTE approved Faculty Development Programme on “Use of ICT in Education for online and Blended Learning”, organized by IIT-Bombay in collaboration with NMEICT (MHRD, Government of India) during 02-05-2016 to 10-07-2016.
- Participated in a 3-Day workshop on “Data Driven Project Design” during 21/01/2016 to 23/01/2016 at VNRVJIET organized by Department of CSE under TEQIP-II funds.
- Participated in a remote internship program organized by Tata Consultancy Services during 29/12/2015 to 13/04/2016 at VNRVJIET, Hyderabad.
- Participated and represented VNRVJIET in a “CSI Student Branch Tech Meet”, a symposium organized by CSI- Hyderabad chapter for all CSI student Branches of Telangana State at JNTU-Hyderabad on 19/12/2015.
- Participated and presented a research paper in an IEEE International conference on ICCIC at Vickram College of Engineering, Madurai, Tamilnadu on 10/12/2015 to 12/12/2015.
- Participated in a 2-Day workshop on “Applications of Computer Networks & Security”, organized by Departments of IT and EIE, VNRVJIET under TEQIP-II during 09-11-2015 to 10-11-2015.
- Participated in a 2-Day workshop on “Big Data and Hadoop”, organized by Department of CSE, VNRVJIET under TEQIP-II during 27-11-2015 to 28-11-2015.
- Participated in a Two Week AICTE approved Faculty Development Programme on “Trends in Wireless Communication Technology and Evolution” organized by the department of ECE at VNRVJIET during 11-05-2015 to 23-05-2015.
- Participated in a short-term-course on “Introduction to Cloud Context & Cloud Models and Capabilities”, organized by Tata Consultancy Services, Hyderabad at VNRVJIET on 05-09-2014.
- Participated in a 3-Day workshop on “Big Data Analytics & Cloud Computing”, organized by Department of IT, VNRVJIET under TEQIP-II during 04-09-2014 to 06-09-2014.
- Participated in a 2-Week ISTE workshop on “Computer Networking”, organized by IIT-Bombay at MJCollege of Engineering and Technology, Hyderabad under TEQIP-II during 28-05-14 to 05-07-14.
- Participated in a one-week AICTE recognized short-term course on “Pedagogical Training (Module-1)”, organized by Education and Educational Management Department, NITTTR, Chandigarh at NITTTR, Chandigarh during 25-11-2013 to 29-11-2013.
- Participated in a 2-Week Short-term course on “Foundation Skills in IT (FSIT) Train-the-Trainer program”, organized by SPFU-AP in Collaboration with IT-ITeS sector skills council NASSCOM under TEQIP-II at JNTU-Hyderabad campus during 19-08-2013 to 26-08-2013.

- Participated in a 3-Day workshop on “Outcome Based Accreditation”, organized by JNTU-Hyderabad under TEQIP-II during 15-02-2014 to 17-02-2014 at JNTU-Hyderabad Campus.
- Participated in one-week workshop on “Cloud Computing”, organized by C-DAC at JNTU-Hyderabad Campus during 09-12-2013 to 12-12-2013.
- Participated in a 2-Day workshop on “Testing Tools”, organized by Department of CSE, VNRVJIET under TEQIP-II during 28-06-2013 to 29-06-2013.
- Participated in a 3-Day workshop on “Program Design with Mapcode”, organized by Department of IT, VNRVJIET under TEQIP-II during 27-05-2013 to 29-05-2013.
- Participated in a 3-Day workshop on “Advanced Topics in Text and Web Mining”, organized by EnhanceEdu, IIIT- Hyderabad during 24-04-2013 to 26-04-2013.
- Participated in a 2-Day National workshop on “Big Data Analytics”, organized by Department of CSE, at RVR & JC, Guntur, Andhra Pradesh during 17-04-2013 to 18-04-2013.
- Participated in a 2-Day workshop on “Data Mining & Its Applications”, organized by Department of IT, VNRVJIET under TEQIP-II during 27-02-2013 to 28-02-2013.
- Participated in a 2-Day workshop on “A Practical Approach to Compiler Design”, organized by Department of CSE, VNRVJIET under TEQIP-II during 04-01-2013 to 05-01-2013.
- Participated in a one-week short term course on “Research Methodology”, organized by Research and Development Cell of JNTU-Hyderabad at JNTU-Hyderabad campus during 16-01-2012 to 21-01-2012.
- Participated in a 2-Day workshop on “Web Designing & PHP Programming”, organized by Virscent Technologies in association with Entrepreneurship Cell-IIT Kharagpur during 29-10-2011 to 30-10-2011.
- Participated in a one-week workshop on “Mission 10X”, organized by WIPRO Technologies, Hyderabad at Hyderabad Institute of Technology and Management (HITAM) during 28-03-2011 to 01-04-2011.

## **5. Academic Contribution and Research & Consultancy:**

### **5.1. Invited Lectures:**

- Resource person for 3-day FDP on “Quality Research Publication and work” and delivered a talk on “Mechanism for Quality Research Publication” organized by Department of EIE, VNRVJIET, Hyderabad during 22nd August 2022 to 24 th August, 2022.
- Resource person for one-week online FDP on “Data Engineering” and delivered a session on “Big Data Environment” organized by Department of CSE (AIML and IoT), VNRVJIET, Hyderabad during 16th August, 2022 to 20th August, 2022.
- Resource person for One Week FDP on “R Programming - A Practical Approach” and delivered a session on “*R Visualization tools and Techniques*” on 13-05-2022.
- Resource person for 6-day workshop on VNR Initiatives and Awareness on OBE(Outcome Based Education) and delivered a talk on “Importance of OBE and Awareness on Quality Assurance & Accreditation” organized by Department of CSE, VNRVJIET, Hyderabad during 6<sup>th</sup> July, 2020 to 11<sup>th</sup> July, 2020.
- Technical session on “*Role of Machine Learning in Health care domain*” during *International Conference on Artificial Intelligence and Machine Learning*, March 12-13, 2020 at Sri Indu College of Engineering and Technology, Hyderabad.

- Resource person for UGC Sponsored 3 Week Refresher Course on “Data Mining Techniques” at UGC-HRDC, JNTU-Hyderabad and taken the session on “Social Impact and Trends in Data Mining” held during organized by JNTU- Jagithyal under TEQIP-II on 20-10-2016.
- Invited talk on “Data Warehouse: Concepts and Architecture” at CMR College of Engineering & Technology, Kandlakoya, Medchal, Ranga Reddy(Dt), Telangana on 29-08-2016.
- Invited talk on “Association Rule Mining” at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 17-11-2015.
- Resource person for 5-Day national Workshop on Computer Networking organized by CMR College of Engineering & Technology, Kandlakoya, Medchal, Ranga Reddy(Dt), Telangana on the topic “Application Layer- Functionalities, Applications” on 16-09-2015.
- Invited talk on “Concepts on Data Warehousing” at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 15-07-2015.
- Invited talk on “Distributed Computing Technologies” at Noble College of Engineering & Technology for Women, Hyderabad on 16-03-2015.
- Resource person for 2-Day national Workshop on Data Mining Technologies organized by CMR College of Engineering & Technology, Kandlakoya, Medchal, Ranga Reddy(Dt), Telangana on the topic “Experimentation with Benchmark datasets” on 20-09-2014.
- Invited talk on “Fragmentation approach in distributed databases” at Netaji Institute of Engineering & Technology, Hyderabad, Hyderabad on 28-01-2013.
- Resource person for UGC Sponsored 3 Week Refresher Course on “Data Mining Techniques” at UGC-HRDC, JNTU-Hyderabad and taken the session on “Social Impact and Trends in Data Mining” held during organized by JNTU- Hyderabad under TEQIP-II on 30-11-2011.
- Invited talk on “Operating systems in Real Trends” at Sphoorthy Engineering College, Nadargul, Hyderabad on 22-11-2011.

## 5.2. Articles / Chapters published in Books:

1. “**Information Warehouse- A Paradigm Shift**” published in the book titled “Advanced Engineering Research and Applications” (AERA) by Research India Publications, Volume-VI, pp: 125-130. ISBN: 978-81-935729-8-6.
2. “**A Deep Neural Network on Object Recognition Framework for submerged Fish Images**” published in the book titled “Advances in Data Science and Management” by Springer Nature Singapore Pvt Ltd. 2020, Lecture Notes on Data Engineering and Communications Technologies, Volume 37, pp:443-450, ISBN 978-981-15-0977-3, DOI:10.1007/978-981-15-0978-0\_44, February,2020
3. “**Demonstrating Broadcast Aggregate Keys for Data Sharing in Cloud**” published in the book titled “Innovations in Computer Science and Engineering by Springer, Lecture Notes on Networks and Systems, Volume 103, pp:184-193, ISBN 978-981-15-2042-6, DOI:10.1007/978-981-15-2043-3, April,2020.
4. “**Image Fusion Using LUKR in Multi-Modal Authentication**”. In Proceedings of “International Conference on Advances in Computer Engineering and Communication Systems”. “Learning and Analytics in Intelligent Systems”, vol 20. Springer, Singapore. [https://doi.org/10.1007/978-981-15-9293-5\\_40](https://doi.org/10.1007/978-981-15-9293-5_40).

5. **"Prediction of Anemia Disease Using Classification Methods"**. In Machine Learning Technologies and Applications. Algorithms for Intelligent Systems. Springer, Singapore. 2021 [https://doi.org/10.1007/978-981-33-4046-6\\_1](https://doi.org/10.1007/978-981-33-4046-6_1)
6. **"Prediction of Cervical Cancer."** in *Machine Learning Technologies and Applications: Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-33-4046-6\\_1](https://doi.org/10.1007/978-981-33-4046-6_1), *Proceedings of ICACECS 2020*: 21.
7. **"Prediction of Liver Malady Using Advanced Classification Algorithms."** In *Machine Learning Technologies and Applications: Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-33-4046-6\\_1](https://doi.org/10.1007/978-981-33-4046-6_1), *Proceedings of ICACECS 2020*: 39.
8. **"Classification of Skin Diseases Using Ensemble Method"**. In: *Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7389-4\\_8](https://doi.org/10.1007/978-981-16-7389-4_8), 2022
9. **"A Modern Approach to Seed Quality Check and it's Traceability in Agriculture"** In *Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7389-4\\_12](https://doi.org/10.1007/978-981-16-7389-4_12), 2022
10. **"Brightness Contrast Using Convolution Neural Network"** In *Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7389-4\\_47](https://doi.org/10.1007/978-981-16-7389-4_47), 2022
11. **"Heart Failure Prediction Using Classification Methods"** In *Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7389-4\\_53](https://doi.org/10.1007/978-981-16-7389-4_53), 2022.
12. **"A Novel CNN-Based Classification and Prediction of COVID-19 Disease Using Deep Learning."** In *Advances in Computer Engineering and Communication Systems. Algorithms for Intelligent Systems*. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7389-4\\_55](https://doi.org/10.1007/978-981-16-7389-4_55), 2022.
13. **"CoviCare: An Integrated system for COVID-19"**, In *Emerging Computational Approaches in Telehealth and Telemedicine*, Bentham Science Publishers, <https://doi.org/10.2174/97898150792721220101>.
14. **"kNOw PCOS"**, In *Proceedings of Third International Conference on Advances in Computer Engineering and Communication Systems*, Springer, Singapore. [https://doi.org/10.1007/978-981-19-9228-5\\_45](https://doi.org/10.1007/978-981-19-9228-5_45)

### 5.3. Books published as single author or as editor: NA

### 5.4. Projects Guided:

a) UG: 13      b) PG :09

**5.5. Research Interests:** Data Mining, Machine Learning, App Development and Data Bases, Machine Learning

### 5.6. Ph.D students :

a) Enrolled: NA      b) Submitted:NA      c) Awarded: NA

### 5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/Citation Index	National/International
1	Credit Card Fraud Detection using Machine Learning	International Journal of Engineering and Advanced Technology (IJEAT), Volume-12 Issue-4, pp: 25-30	2249-8958 (Online)		International
2	Smart Machine Health Prediction Based on Machine Learning in Industry Environment	Information – MDPI, Volume-13 Issue-3	2078-2489		International
3	MATSYASTRA – An Automated Fish Species Identification using Teachable Machine Services	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-11 Issue-12 pp:62-66	2278-3075		International
4	Apparel Recommendation System using content-based filtering	International Journal of Recent Technology and Engineering (IJRTE), Vol. 11, Issue. 4,	2277-3878		International
5	Identification of Sickle Cell Anemia Using Deep Neural Networks	Emerging Science Journal, ISSN: 2610-9182, Vol. 5, No. 2, April 2021, DOI: pp: 200-210.	<a href="http://dx.doi.org/10.28991/esj-2021-01270">http://dx.doi.org/10.28991/esj-2021-01270</a> ,		International
6	Sickle Cell Disease- A Comprehensive Study and Usage of Technology for Diagnosis	International Blood Research & Reviews (IBRR) , Volume: 11 Issue: 2 19-June-2020, DOI: 10.9734/IBRR/2020/v11i230125 pp: 6-12, Article no.IBRR.57528	ISSN: 2321-7219		International
7	Improved Diabetes Prediction Model for Predicting Type-II Diabetes	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-12, October, 2019 pp: 230-235	ISSN: 2278-3075,		International
8	Public auditing method for regenerating code using cloud storage system	The International Journal of Analytical and Experimental model analysis (IJAEMA), Volume: 11 Issue: 9, September 2019. pp: 679-685	ISSN: 0886-9367		International
9	Sustainable and portable low cost IoT based terrace model to grow true organic greens	International Journal of Engineering and Advanced Technology (IJEAT), Volume:8 Issue: 6 August 2019 pp:3223:3228	DOI: 10.35940/ijeat.F8826.088619.		International
10	A new approach to represent textual documents using CVSM	International Journal of Engineering & Technology, Vol: 7 Issue; 4, Nov, 2018 PP 4678-4682,	DOI: 10.14419/ijeat.v7i4.15372.		International
11	Air Guide: Indoor Air Pollution Monitoring Application	Journal of Emerging Technologies and Innovative Research (JETIR), Vol:5, Issue:5, May-2018, pp: 566-570,	ISSN: 2349-5162.		International
12	COMMTRUST: A	International Journal on Natural	DOI:		International



	Multidimensional Trust Model for E-Commerce Applications	Language Computing, ISSN: 2319-4111, Vol:5, No:5, pp. November-2016, pp. 43-53.	10.5121/ijnlc.2016.5504		nal
13	Fast Nearest Neighbor Search with keywords in spatial databases	International Journal on Recent and Innovation trends in computing and communication Vol:3, Issue:8, August 2015., pp 5069 – 5072.	ISSN: 2321-8169		International
14	Distributed Warehouses: A review on design methods and recent trends	International Journal of Computers and Distributed Systems, , Vol-1, Issue-3, October 2012.	ISSN: 2278-5183		International
15	Query Optimization- An Experimental Approach for Distributed Environment	International Journal of Technical Teachers. Sept-2011, Vol 3, Issue 1, pp.23-28.	(2231-4474)		International
16	Effective Integration of External Software Based on Trustworthiness at Selection Time	International Journal of Engineering Research and applications [IJERA], September-2011. Vol-1 Issue-3, pp.986-989			International
17	Development of Information Warehouse- A Strategic Approach	International Journal of Computing and Applications, Vol. 5, No. 2, July-December-2010, pp. 153-158			International
18	An approach to develop expert systems in Medical diagnosis using machine learning Algorithms (asthma) and a performance study	International Journal on Soft Computing (IJSC), Vol.2, No.1, February 2011.			International
19	A Study on Associative Neural Memories	(IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 1, No. 6, December 2010.			International
20	Testing Sedimentary Basins using Adaptive Resonance Theory	Advances in Computational Sciences and Technology, Volume 3 Number 2 (2010) pp. 201–207.	ISSN 0973-6107		International

### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Detection and Classification of Lung Carcinoma using CT Scans	International Conference on Smart Technologies for Sustainable Development (ICSTSD2021) at JIS College of Engineering, Kalyani, West Bengal, India	International	28 <sup>th</sup> & 29 <sup>th</sup> October 2021
2	The improved effectual data processing in Big Data executing MapReduce Framework	IEEE MysuruCon-2021 held at Sri. M S Ramaiah NAVKIS College of Engineering, Hassan, India	International	24 <sup>th</sup> & 25 <sup>th</sup> October 2021
3	Brightness Contrast using Convolution Neural Network	International Conference on Advances in Computer Engineering and Communication Systems	International	13 <sup>th</sup> and 14 <sup>th</sup> of August,

		(ICACECS-2021)		2021
4	Heart Failure Prediction using Classification Methods	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2021)	International	13 <sup>th</sup> and 14 <sup>th</sup> of August, 2021
5	Classification of Skin Diseases using Ensemble Method	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2021)	International	13 <sup>th</sup> and 14 <sup>th</sup> of August, 2021
6	A Modern Approach to Seed Quality Check and its Traceability in Agriculture	International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2021)	International	13 <sup>th</sup> and 14 <sup>th</sup> of August, 2021
7	Information Warehouse – A Paradigm Shift	National Conference on Innovative Technologies in Big Data, Cloud, Mobile and Security (ITBCMS-2016) held at BIET, Hyderabad	National	December 16 <sup>th</sup> to 17 <sup>th</sup> , 2016.
8	Distributed Data Warehouse- Experimentation with TPC-DS	2015 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) at Madurai, Tamilnadu (Published in IEEE Digital Xplore and Scopus Indexed).	International	10 <sup>th</sup> to 12 <sup>th</sup> December 2015.
9	Design of Distributed Warehouse- A vertical fragmentation approach	2015 IEEE International Conference on Next Generation Computing Technologies(NGCT-2015) at Dehradun, HP, India (Published in IEEE Digital Xplore and Scopus Indexed).	International	4 <sup>th</sup> to 6 <sup>th</sup> September 2015.
10	Query Optimization - An Experimental Approach for Distributed Systems”	ICACM-2011, held at GRIET, Hyderabad, India. Proceedings published by Elsevier	International	1 <sup>st</sup> to 3 <sup>rd</sup> December 2011.
11	Testing Sedimentary Basins using Adaptive Resonance Theory	ICSCI-2009, Pentagram Research, Hyderabad.	International	1 <sup>st</sup> to 3 <sup>rd</sup> January 2009.

### 5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Identification of Sickle Cell Anemia using deep Neural network	JNTU- Hyderabad under TEQIP-III	August-2019 to Feb-2021	Rs 3,00,000	Completed

### 5.10 Consultancy Projects: NA

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**6. Awards / Honors received:**

- Received Certificate of Excellence in reviewing “Asian Hematology Research Journal during 2022.
- Received “Collaborative Research Scheme” award as project from JNTU Hyderabad under TEQIP-III during 2019-2020
- Best Paper Award during ICACECS-2020(International Conference on Advances in Computer Engineering and Communication Systems) during 13<sup>th</sup>, 14<sup>th</sup> August 2020.

**7. Motto: Aim to achieve excellence!**