CURRICULUM VITAE

Dr. R. Nagaraju
      B.Tech (CSE), M.Tech (CSE), Ph.D (CSE), MISTE, MIAENG.

Google scholar link :
      https://scholar.google.com/citations?user=0ArIhSUAAAAJ&hl=en&authuser=2

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Kompally, Hyderabad. -500014.   **+91- 8522078729**

Career Objective:

> ➢ To make a mark in the teaching field and an aspiring a suitable position in a progressive organization that gives me an opportunity to explore myself and contribute to the development of organization.

Professional Experience Summary: - 14+ Years

- Presently working as a Professor in the Department of AI & ML, School of Engineering in **Malla Reddy University**, Hyderabad from 5th July 2023 to till date.

- I worked as a Professor & HoD of the IT Department in **St. Martin's Engineering College** from 3rd December 2019 to 30th June, 2023.

- I Worked as an Associate Professor in **Sreyas Institute of Engineering and Technology** from 3rd December 2018 to 2nd December 2019.

- I Worked as an Associate Professor in **CMR Technical Campus from** 2nd July 2011 to 5thMarch 2018.

- I worked as an Assistant Professor in **YPR College of Engineering & Technology** from June 2006 to June 2009.

Academic Profile:

- **Ph.D.** in **Computer Science and Engineering** with specialization in **Image Processing & Pattern Recognition** from **Shri JJT University** awarded in the month of February, 2019, under the guidance of **Dr. S.K. Yadav.**
- **M. Tech** in **Computer Science and Engineering** from **JNTU, Hyderabad** in October, 2011 with First class & Distinction division.
- **B. Tech** in **Computer Science and Engineering** from **JNTU, Hyderabad** in April, 2006 with First Class division.

Books (9) & Book Chapters (3) Published:

1) Book Title "**Principles of Compiler Construction**" has published with **ISBN Number "978-93-91421-04-5"** By **Spectrum International Publishers** in April, 2023.
2) Book Title "**Big Data Analytics**" has published with **ISBN Number "978-93-93196-03-3"** By **Spectrum Publishing House** in March, 2023.
3) Book Title "**Embedded Systems & Internet of Things**" has published with **ISBN Number "978-93-92311-05-5"** By **Sunrise International Publishers** in January, 2023.
4) Book Title "**Formal Languages and Automata Theory**" has published with **ISBN Number "978-93-93196-00-2"** By **Spectrum Publishing House** in June, 2022.
5) Book Title "**Web Programming**" has published with **ISBN Number "978-93-93199-14-0"** By **Amaravati Publishers** in April, 2022.
6) Book Title "**Database Management Systems**" has published with **ISBN Number "978-93-83470-49-5"** By **Spectrum Techno Press Publishers** in March, 2022.
7) Book Title "**Computer Organization and Micro Processors**" has published with **ISBN Number "978-93-83470-47-1"** By **Srikrishna Techno Books Publishers** in January, 2022.
8) Book Title "**Data Structures Using C**" has published with **ISBN Number '978-81-952679-6-5"** By **Spectrum International Publishers** in May 2021.
9) Book Title "**Data Mining for Large Spatial Data Sets**" has published with **ISBN No.‖978-93-86369-88-8‖** By **Horizon Books Publishers** (A Division of Ignited EdutechLtd) in 2019.
10) Book Chapter Title: "**An Enhanced Methodology of DeepLearning for Image Identification**" has published in the Book *Futuristic Trends in Computing Technologies and Data Sciences* **with ISBN No: 978-81-959356-3-5** by Iterative International Publisher (IIP) Proceedings, Vol:02, Book 18, Part 3 in November, 2022
11) Book Chapter Title: "**An Artificial Neural Network Methodology to Detect Fake Profiles: A Study**" has published in the Book *Disruptive Technology, Industry 4.0, Advances in Management, Information Technology, and Social Science* **with ISBN No: 978-1-68576-209-4** By INSC International Publisher (IIP), Paisley Cir, Novi, Michigan-40531 in December, 2021.
12) Book Chapter Title: "**A New Reactive Framework for Web Using Data Analysis**" has Accepted to Publish in the Book *Novel Perspectives of Engineering Research* by BP International Publisher in November, 2021.

Patent Filed & Published/Granted:(12)

- **Patent Published & Granted**: An apparatus and method for remotely monitoring an aquatic animal and classification thereof, **Application Number 201941034109 A** has been published in the Patent Journal of India No. **39/2019** dated: **27/09/2019.**
- **Patent Published**: Intelligent Methods for Detecting Coronavirus Using RNA and Sharethe Location Using IoT, **Application Number: 202041015044** has been filed in the Patent Journal of India dated: **06/04/2020.**
- **Patent Published**: Facial recognition triple security entryway system using AI & Deep neural system, **Application Number: 202021043962** has been filed in the Patent Journal of India dated: **08/10/2020.**
- **Patent Published**: Machine-Learning based method for network security for virtual **reality** communication network, **Application Number: 202131002165** has been filed in the Patent Journal of India dated: **18/01/2021.**
- **Patent Published**: Processor implemented method for watermarking and cyber protection of deep learning models, **Application Number: 202141013761** has been filed in the Patent Journal of India dated: **27/03/2021.**
- **Patent Published**: Design a train monitoring system and method using machine learning approach, **Application Number: 202141018796** has been filed in the Patent Journal of India dated: **23/04/2021.**
- **Patent Published**: Design and Fabrication of IoT based Solar Agriculture Weeder, **Application Number: 202141023740 A** has been published in the Patent Journal of India dated: **11/06/2021.**
- **Patent Published**: A city security bases sensor arrangement for improving the urban environment, **Application Number: 344847-001** has been Published in the Design Patent Journal of India dated: **17/06/2021.**
- **Patent Published**: Automatic Water Controlling System for Home Gardening **Application Number: 202141032852** has been Published in the Patent Journal of India dated: **30/07/2021.**
- **Patent Published**: Prediction Prospect of Getting Admission into a university using Machine Learning, **Application Number: 202241060548 A** has been published in the Patent Journal of India dated: **28/10/2022.**
- **Patent Published**: Correlation Evaluation of Economic Signs and Inventory Charge Fluctuations Primarily Based totally on Synthetic Intelligence System., **Application Number: 202241060546 A** has been published in the Patent Journal of India dated: **28/10/2022.**
- **Patent Published**: Fitness and Diet Recommendation using C4.5 Decision Tree Model, **Application Number: 202241060543 A** has been published in the Patent Journal of India dated: **28/10/2022.**

Total No. of Publications: 53

International Publications (SCI / SCOPUS/ UGC APPROVED) : 38
National Publications   (UGC CARE 1)   : 12
IEEE Conference Publications (Scopus Indexed)   : 03

International Publications: - (38)

1) **Regonda Nagaraju** has published titled **"Attack prevention in IoT through hybrid optimization mechanism and deep learning framework"** in the journal **Measurement Sensors (SCOPUS Indexed), Elsevier Publishers**, 29th August 2022, ISSN:2665-9174, DOI: https://doi.org/10.1016/j.measen.2022.100431.

2) **Regonda Nagaraju** has published titled **"Secure Routing-Based Energy Optimization for IoT Application with Heterogeneous Wireless Sensor Networks"** in the journal **Energies Journal (SCI Indexed), MDPI Publishers**, 29th June 2022, ISSN :1996-1073, Volume-15, Issue 13. https://doi.org/10.3390/en15134777.

3) C.Kotteeswaran, Indrajit Patra, **Regonda Nagaraju,** D. Sangeetha, Bapayya Naidu Kommula has published titled "**Autonomous Detection of malevolent nodes using secure heterogeneous cluster protocol"** in the journal **Computers and Electrical Engineering (SCI Indexed), ELSEVIER Publishers**, May 2022, ISSN:0045-7906, Volume-100. https://doi.org/10.1016/j.compeleceng.2022.107902

4) Nuzhat Khanam, **Dr. R. Nagaraju** has published titled **"Methods For Diagnosis and Therapy Based on Artificial Intelligence and Covid -19 Deep Learning"** in the journal ―**Drugs and Cell Therapies in Hematology (UGC CARE 2, WoS Journal) , ISSN : 2281- 4876, Vol 10, Issue 2, PP:703-709** in the August, 2021.

5) Alibha Patel, V. Chandra Prakash, Dr. N. Krishnaiah, **Dr.R. Nagaraju** has published titled **"A Study of Deep Feed forward Neural Networks Using Deep Learning"** in the journal **Journal of Xidian University (SCOPUS Indexed) , ISSN : 1001-2400, Vol 15, Issue No.12, PP: 555-561,** in the December, 2021.

6) **Regonda.Nagaraju,** Dr.K.Rajeshwera Rao, Bodla Kishor, Muthyala Vijetha,Mallam Tharunmai has published titled **"A Novel Approach for Cryptocurrency Miners Us ing Traffic Forensics"** in the journal **Design Engineering (SCOPUS Indexed) , ISSN : 0011 -9342,Issue No.8, PP: 5912-5926,** in the Year 2021.

7) **Regonda.Nagaraju,** Dr.Selvanayaki, Kondalapayam Shanmugum, Dr.Sivaram Rejayyagari, Dr.Kiran Bala, Arjun Subbaraj, M.Z..M.Noamani has paper titled **"Analysis of Cyber Securityin E-Governance Utilizing Blockchain Performance"** in the journal **Soft Computing, Springer (SCI Indexed)** with **ISSN: 1432-7643, 1433-7479** with **Accepted** Status.

8) Krishnaiah Nallam**,** Dr.P.Santosh Kumar Patra**, Regonda.Nagaraju** has **p**ublished titled **"A Novel Approach of Multiclass Speech Emotion Classification by density clustering with Convolution neural network features with SVM"** in the journal **Journal of Cardiovascular Disease Research (SCOPUS Indexed) , ISSN : 0975- 3583, 0976- 2833, Vol No. 12, Issue No.3 , PP: 925-937,** in the Year 2021.

9) M. Ramanan,**Regonda.Nagaraju,** J Kalaivani, G Manju,A Sampath Kumar, leta Tesfaye Jule, Krishnaraj Ramasamy has paper titled **"Secure Routing Based Energy Optimization forIOT**

Application with Heterogeneous wireless Sensor Networks" in the journal **Soft Computing, Springer (SCI Indexed)** with **ISSN: 1432-7643, 1433-7479** with **Accepted** Status.

10) P. Prashanthi**, Regonda Nagaraju**, B.Srujana has published paper titled **"A Study: Network Intrusion Detection Systems in Real Time Environments"** in the journal **Journal of Xidian University (JXU) - (SCOPUS Indexed)** with **ISSN: 1001-2400, Vol 14, Issue 05, May -2020.**

11) Shraban Kumar Apat, Dr. P. Santosh Kumar Patra, **Regonda Nagaraju**, Priya Aniket Ghuge has published paper titled **"A Sustainable Rich Analytics And Visualisation (Sooda) Approach For Smart Management of IoT Enabled E-Governance Service Oriented Systems for Resolving On-Demand Real Time Issue"** in the journal **Journal of Xidian University (JXU) - (SCOPUS Indexed)** with **ISSN: 1001-2400, Vol 14, Issue 05, May -2020.**

12) **Regonda Nagaraju**, Dr.V.Goutham, Dr.Shaik Abdul Nabi has published paper titled **"Blockchain Technology: An Overview"** in the journal **International Journal of Advanced Science and Technology (IJAST) (SCOPUS Indexed)** with **ISSN: 2005-4238 (Print), 2207-6360 (Online), Vol 29, No.4s, April -2020, pp.1211-1216.**

13) **Regonda Nagaraju**, Dr.P. Santosh Kumar Patra, B.Srujana, Priya Aniket Ghuge has published paper titled **"A State -of-the-Art: An Optimal Path Algorithm for Mobile Ad hoc Network (MANET) and Wireless Ad hoc Network (WANET)"** in the journal **International International Journal of Psychosocial Rehabilitation(IJPR)- (SCOPUS Indexed)** with **ISSN: 1475-7192, Vol 24, April-2020.**

14) P.Chandra Sekhar Reddy**, Regonda Nagaraju**, S.Srikanth Reddy has published paper titled **"An approach using Ensemble Core Vector Machines for Network IDS"** in the journal **International International Journal of Psychosocial Rehabilitation(IJPR)- (SCOPUS Indexed)** with **ISSN: 1475-7192, Vol 24, April-2020.**

15) Regonda Nagaraju, Dr.P.Santosh Kumar Patra, Bhomma Vanaja , Achhakari Deepika , Ambica Tandle, B.Sai Prasad has published paper titled **"A Method for forecasting Heart Disease Using Effective Machine Learning Algorithms"** in the journal **International Journal of Advanced Science and Technology (IJAST) (SCOPUS Indexed)** with **ISSN: 2005-4238 (Print), 2207-6360 (Online), Vol 29, No.4s, March-2020, pp.1211-1216.**

16) M AshoK, **Regonda Nagaraju**, P. Chandra Sekhar Reddy, P. Prashanthi has published paper titled **"An A Method for detection for anxiety and depression of human brain using Machine learning and Artificial Intelligence Approach"** in the journal **International Journal of Advanced Science and Technology (IJAST) (SCOPUS Indexed)** with **ISSN: 2005-4238 (Print), 2207-6360 (Online), Vol 29, No.3s, March-2020, pp.5939-5944.**

17) Regonda. Nagaraju, S.V.Achuta Rao, Bhavani.Buthukuri has published paper titled **"An Improved Graph Based Ranking Algorithm for Material Based Image Retrievals with Re-ranking Approach"** in the journal **AEGAEUM (SCOPUS Indexed)** with **ISSN: 0776-3808, Vol 08,Issue 02, Feb-2020, Pg No.241-244.**

18) **Regonda Nagaraju**, Mohammed Farhan Pasha, Mohammed Abdul Majeed, Adapa Sujith has paper titled **"An Improved Method for Multi-Lingual News Feed Application"** in the journal **International Journal of Engineering and Advanced Technology (IJEAT) (SCOPUS Indexed)** with **ISSN: 2249–8958,Vol-9, Issue-1, October 2019.**

19) **Regonda. Nagaraju,** M.E.Purushoththaman, Bhavani.Buthukuri has published paper titled **"An Improved Active Contour Method for Medical Image Segmentation using Singular Value Decomposition"** in the journal **IJPHRD (SCOPUS Indexed)** with **ISSN: 0976-0245(PRINT), ISSN: 0976-5506 (ONLINE), Vol.10, Issue 08, August-2019.**

20) P. Sivakumar**, Regonda.Nagaraju,** DebabrataSamanta,M.Sivaram,MNHindia,Iraj S Amiri has published paper titled **"A Novel Free Space Communication System Using Nonlinear InGasAsP Microsystem Resonators for Enabling Power-Control Toward Smart Cities"** in the journal **Wireless Networks, Springer (SCI Indexed)** with **ISSN:1022-0038(PRINT),ISSN: 1572-8196 (ONLINE), July-2019.**

21) **Regonda.Nagaraju** has published a paper titled **"Devise And Accomplishment Of Hadoop Distributed File System By Using Elliptic Curve Cryptography For Amplify The Refuge: A Study"** in the journal **IJSRR (UGC Approved)** with **ISSN: 2279-543X,Vol.08, Issue.4, April-2019.**

22) **Regonda.Nagaraju,**M. Kavya Reddy, M. Harika, N. Shravani Reddy, P. Deepthi has published a paper titled **"An Improved Traffic Congestion Control and Vehicle Monitoring System‖"** in the journal **IJRECE(UGC Approved)** with **ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE), Vol.07, Issue.1, January-March-2019.**

23) **Regonda.Nagaraju,**Reddygari Aishwarya Reddy,S.Yamini,P.Mythry has published a paper titled **"Hybrid Encryption with Verifiable Delegation using Cloud Computing"** in the journal **IJRECE (UGC Approved)** with **ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE), Vol.07, Issue.1, January-March-2019.**

24) K Kranthi Kumar,**Regonda.Nagaraju,**P.Vijay Bhasker,S Sai Ramu has published a paper titled **"Organic Cultivation Using IoT"** in the journal **IJSRR(UGC Approved)** with **ISSN: *2279-543X,* Vol.07, Issue.3**, **and March-2018.**

25) Vangala. Narasimha, **Regonda.Nagaraju,** Md.Naseeb Khan, B. Priyanka has published a paper titled **"An Improved Image Retrieval Technique Applied in Online Multi-Modal Distance Metric Learning"** in the journal **AIJREAS (UGC Approved)** with **ISSN: *2455-6300,* Vol.03, Issue.1**, **and Jan-2018.**

26) **Regonda.Nagaraju,** Dr.S.K.Yadav, Dr.M.Janga Reddy has published a paper titled **"A Medical Image Segmentation Using Level set Based Active Contour Method"** in the journal **IJRDST (UGC Approved)** with **ISSN: *2581-4575,* Vol.02, Issue.01**, **and Jan-2018, Pg.No:81-89.**

27) T. Vineetha, **Regonda.Nagaraju**,P.Sai Krishna, A.Din Reddy has published a paper titled **"User Authorization With an Improved Computational Dynamic Trust Model"** in the journal **AIJREAS (UGC Approved)** with **ISSN:** *2455-6300,* **Vol.03, Issue.1**, **Jan-2018.**

28) **Regonda.Nagaraju** and JangaReddy.M has published a paper titled **"Image Segmentation In Medical Imaging: State Of The Art‖"** in the journal **IJRSR (UGC Approved)** with **ISSN:** *0976-3031,* **Vol.08, Issue.7,** *pp. 18903-18906*, **July-2017.**

29) **Regonda.Nagaraju** and M JangaReddy has published a paper titled **"Review of Medical Image Segmentation with Statistical Approach- State Of The Art and Analysis"** in the journal **IJCET (UGC Approved)** with **ISSN:** *0976-6367(P) | 0976-6375(O)***, Vol.08 Issue.03,** *pp. 36–55* **June-2017.**

30) **Regonda. Nagaraju**, Chalamala.NagaRaju has published a paper titled **"An Efficient System for Material Based Image Retrievals with Re-ranking using Graph Based Ranking Algorithm"** in the journal **IJAERS (UGC Approved)** with **ISSN:** *2349-6495(P) | 2456-1908(O)***, December-2016.**

31) Sowmya. M, kinnera. R**, Nagaraju.R** has published a paper titled **"A New Orthogonal Data Embedding for Binary Images in Morphological Transform Domain"** in the journal **IJSETR** with **ISSN: 2319-8885, Vol.05, Issue.31, October-2016.**

32) Chalamala Nagaraju**, Regonda.Nagaraju** has published a paper titled **"Content Based Image Retrieval using Graph Based Ranking Algorithm"** in the journal **IJATIR** with **ISSN: 2348-2370, Vol.08, Issue.13, and September-2016.**

33) K.VasanthaRani,**Regonda.Nagaraju** has published a paper titled **"Secure and Dynamic Audit Services for Deduplication Data in Cloud Storage"** in the journal **IJSETR** with **ISSN: 2319-8885, Vol.05, Issue.26, and September-2016.**

34) Kranthi Kiran G**, Regonda.Nagaraju**,V.Mallaiah has published a paper titled **"A Study on Threatened Risks for Cloud Computing Security & How to Overcome These Risks"** in the journal **AIJREAS** with **ISSN: 2455-6300, Vol.01, Issue.05, May-2016.**

35) V.Hareesh Reddy,**Regonda Nagaraju** has published a paper titled **"New De-duplication Constructions for Authorized Duplicate Check in Hybrid Cloud Architecture"** in the journal **IJSETR** with **ISSN: 2319-8885, Vol.04, Issue.53, December-2015.**

36) **Regonda Nagaraju,** M. Ajay Kumar has published a paper titled **"ATPG: ATPG System in Fault Diagnosis System"** in the journal **IJECCE** with **ISSN: 2249-071X, Volume 6, Issue (5) Sept-2015.**

37) G.S.Pradeep, **R.Nagaraju**,Sai babu Veesam has published a paper titled **"Cloud – Issues, Challenges, Needs and Practice"** in the Journal **IJACEEE** volume 3,issue 1(spl issue of IC3T) with **ISSN: 2248-9584, March-2014.**

38) Jhansi Koorapati, G.Vijaya Lakshmi, **R.Nagaraju** has published a paper titled "**A Fuzzy Characteristic Selection and Extraction For Text Categorization**" in the journal International Journal of Computer and Electronics Research **IJCER, Volume 2**, **Issue 3**, with **e- ISSN: 2278-5795, P-ISSN: 2320-9348, JUNE-2013.**

National Publications: - (12)

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1) M. Swapna Kumari, **Dr. R. Nagaraju** has published paper titled **"PREDICTIVE ANALYTICS RESEARCH ON CLASSIFICATION TECHNIQUES"** in the **Industrial Engineering Journal (UGC CARE 1)** with **Vol No. XVI, Issue No.3 , PP: 261-273,** in March 2023**.**

2) Sivaram Rejayyagari, **Dr. Regonda Nagaraju**, Jongoni Srikanth has published paper titled **"Dynamic and Community Evaluation With Fair Pacification for Cloud Data"** in the **Journal of the Maharaja Sayajirao University of Baroda (UGC CARE 1)** with **ISSN: 0025- 0422, Vol No. 55, Issue No.2 , PP: 136-139,** in the Year 2021**.**

3) G.siva Krishna, N.Prakash, **Regonda Nagaraju** has published paper titled "**Profile Plot Analysis Approach of Land Use and Land Cover Classification for SAR Image**" in the **JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC CARE 1)** with ISSN: 0022-3301, Vol. XCII- XVIII, PP:5-10, July,2021.

4) **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra, Dr. Maalyadri Medida, Gandla Shivakanth has published paper titled **"BLOCKCHAIN TECHNOLOGY IN CURRENT TRENDS: A STATE OF THE ART"** in the journal THE **JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC Approved)** with ISSN: 0022-3301

5) A Bhasha, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra has published paper titled "**SAFETY AND CYBER SECURITY INTEGRTED ANALYSIS FOR BUILDING SUSTAINABLE CYBER PHYSICAL SYSTEM AT NUCLEAR POWER PLANTS**" in the journal **Jijnasa (UGC Approved)** with ISSN : 0337-743X.

6) Alibha Patel, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra, Gandla Shivakanth has published paper titled "**INTRODUCTION TO MACHINE TRANSLATION USING NATURAL LANGUAGE PROCESSING**" in the journal **Jijnasa (UGC Approved)** with ISSN 0337-743X.

7) Dr. Maalyadri Medida, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra has published paper titled "**SUPPORT VECTOR MACHINE METHODOLOGY FOR CROSS LAYER INTRUSION DETECTION SYSTEM FOR MOBILE AD HOC NETWORKS**" in the journal **Jijnasa (UGC Approved)** with ISSN : 0337-743X.

8) Gandla Shivakanth**, Dr. Regonda Nagaraju**, Dr. Maalyadri Medida, Dr. Santhosh Kumar Patra, P. Manohar has published paper titled **"CHECKING-BASED MISBEHAVIOR DETECTION WIRELESS ADHOC NETWORKS"** in the journal **THE JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC Approved)** with ISSN: 0022-3301.

9) P. Ganesh Kumar, Gandla Shivakanth, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra has

published paper titled **"ENERGY EFFICIENT AND SECURED PRE EXISTING ROUTING IN MOBILE ADHOC NETWORK"** in the journal **THE JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC Approved)** with ISSN: 0022-3301.

10) P.Manohar, Gandla Shivakanth, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra has published paper titled "**COURSE MATERIAL CLUB FOR ENGINEERING GRADUATES"** in the journal **Jijnasa (UGC Approved)** with ISSN: 0337-743X.

11) Veeresh Kumar, **Dr. Regonda Nagaraju**, Dr. Santhosh Kumar Patra has published paper titled **"HANDCRAFTED ATTENTIONAL CONVOLUTION METHOD FOR SENTIMENT ANALYSIS ON MASKED FACES"** in the journal **THE JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC Approved)** with ISSN : 0022-3301.

12) Y Prashanth**,** Dr. Maalyadri Medida, Dr. Santhosh Kumar Patra, **Dr. Regonda Nagaraju** has published paper titled **"A SECURE ASSESSMENT APPROACH TO UNTRUSTED NETWORK CLIENT OPC UA FOR OPC AUTHENTICATION AND COMPLIANCE PROTECTION"** in the journal **THE JOURNAL OF ORIENTAL RESEARCH MADRAS (UGC Approved)** with ISSN : 0022-3301.

| **National & International Conferences:- (14)** |

1) **Regonda Nagaraju** has **presented and published paper in IEEE Xplore (IEEE Digital Library & SCOPUS Indexed)** with **ISBN NO**: **978-8-3503-9720-8** titled with **"A Detailed Investigation on potential impact of Quantum Computing on Improving Artificial Intelligence"** in the **International Conference on Innovative Data Communication Technologies and Applications (ICIDCA-2023)**.

2) **Regonda Nagaraju,** has **presented and published paper in IEEE Xplore (IEEE Digital Library & SCOPUS Indexed)** with **ISBN NO**: **978-1-6654-7416-0** titled with **" A Taxonomy towards Blockchain computing for Resource Security"** in the **2nd International Conference on Innovative Sustainable Computational Technologies (CISCT), 2022**. DOI: DOI: 10.1109/CISCT55310.2022.10046639.

3) **Regonda Nagaraju,** has **presented and published paper in IEEE Xplore (IEEE Digital Library & SCOPUS Indexed)** with **ISBN NO**: **978-1-6654-3524-6** titled with **"Integration of artificial Intelligence for a low cost diagnosis of Diabetic Retinopathy"** in the 5th ─**International Conference on Electronics, Communication and Areospace Technology (ICECA-2021)‖,** Organized by RVS Technical Campus, Coimbatore, Chennai, India during **2nd -5th December,2021**.

4) **Regonda Nagaraju,** Dr.M.Janga Reddy has **presented and published** paper on ─"**Medical Image Segmentation with Subjected to Contour Based Statistcal Model"** at the ─**International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEEE-2018) with catalog ─CFP18P98-PRJ:978-1-5386-5994-6‖, School of Electrical Engineering, Kalinga Institute of Industrial Technology (KIIT),Bhubaneswar,Odisha,India** during **27th -28th July -2018**.

5) **Regonda Nagaraju,** Dr.M.JangaReddy has **presented and participated** paper on **"Medical Image Segmentation with Subjected to an Improved Active Contour"** at the ─**International Conference on Innovative Technologies (ICITE-2018) technically co-sponsored by IEEE Hyderabad Section ─** held during 11th -13th April- 2018 organised by **UCE,Osmania University,Hyderabad,Telangana in association with TEQIP-III,UCE,OU and VSSUT Burla,Odisha(TEQIP-III Mentee Institution)**.

6) **Regonda Nagaraju,**Chalamala Nagaraju has **presented and participated** paper on **"An Efficient System for Material Based Image Retrievals with Re -ranking using Graph Based Ranking Algorithm"** in the ─**DST Approved 1st National Conference on Computer Security ,image Processing,Graphcs,Mobility & Analytics (NCCSIGMA-2k16**) On 17th &18th December 2016 at CMR Technical Campus, Hyderabad.

7) **Regonda.Nagaraju** has **participated** in the "**DST Approved First National Conference On Computer Security,Image Processing,Graphics, Moblity&Analytics (NCCSIGMA-2K16)"** On 17th - 18th December 2016 at CMR TechnicalCampus,Hyd.

8) **Regonda Nagaraju** has **presented and participated** paper on **"A Study on Threatened Risks for Cloud Computing Security & How to Overcome These Risks"** in the International Conference on ICETEAMC-2K16 held during **May 13th, 2016** at **TAJ TRI-STAR Hotel,** Secunderabad.

9) **Regonda Nagaraju** has **presented and participated** paper on **"Medical Image Segmentation: State of the Art"** in the International Conference on ICIAC-2016 held during **March - 18th - 19th, 2016** at **GITAM University**, Hyderabad.

10) **Regonda.Nagaraju** has **participated** in the "**6th International Conference on Swarm, Evolutionary and Memetic Computing"** On 18th - 19th December 2015 at CMR TechnicalCampus, Hyderabad.

11) Regonda Nagaraju has **participated** as delegate in the **National Conference on Research Trends in Computer Science & Technology NCRTCST– 2015** organized by CMRCET and made an **oral presentation paper** titled **"ATPG: ATPG System in Fault Diagnosis System"** during 9th &10th October 2015 with **ISBN:978-81-923249-2-0.**

12) **Regonda Nagaraju** has **participated** in the **National Conference on AIETM – 2014** organized by JBREC and made an **oral presentation paper** titled **"4G Technology, applications and compatibility in overbalance networks"** during 19th &20th March 2014.

13) **R.Nagaraju** has **participated** in "**CSI-2014**, **International Conference On ICT For Bridging Future"** organized by "**CSI Hyderabad in association with JNTUH&DRDO"** During 12th - 14th December 2014.

14) G.S.Pradeep, **R.Nagaraju**,Sai babu has **presented** the paper titled **"Cloud – Issues, Challenges, Needs and Practice"** in the **International Conference on IC3T – 2K14** organized by CMRTC during 28th &29th March 2014.

Workshops, Online Webinars and FDP Participated , Organized & Coordinated:-(90)

1) I have participated in a National Workshop on **"Machine Learning and Deep Learning for Computer Vision Applications"** Organized by Department of Computer science and Engineering in association with IEEE Student Branch and Sponsored by Chhattisgarh Council of Science & Technology, Raipur (C.G), during **6th -10th March 2019.**

2) I have participated in a One Week **Faculty Development Program** on **"COURAGEOUS SREYANS"** Organized by Sreyas Institute of Engineering and Technology, during **17th - 22nd December 2018** at SIET, Hyderabad.

3) I have participated in a **Faculty Development Program** on **"MOOCs & OPEN EDUCATIONAL RESOURCES" Organized** by JNTU Hyderabad (Under TEQIP-III) during **5th -7th January 2018 & 21st -22nd May 2018** at JNTU, Hyderabad.

4) I have participated in Meity, Govt. of India, sponsored a One Week **Faculty Development Program** on **"Artificial Intelligence and Machine Learning"** Organized by the E&ICT Academy, National Institute of Technology, Warangal, at the Department of Computer Science and Engineering, Vardhaman College of Engineering, Hyderabad from **5th February 2018 – 10th February 2018.**

5) I have Coordinated and Organized in a two-day workshop on **"IOT With Arduino"** Conducted by **MY DREAM CAMPUS** during **16th&17th OCTOBER 2017** at CMR TECHNICAL CAMPU, Hyderabad**.**

6) I have Coordinated and Organized in a Nine-days' workshop on **"MOBILE APPLICATION DEVELOPMENT OPEN HACK 2017"** Organized by COIGN Consultants PVT LTD during **16th August 2017 – 24th August 2017** at CMR TECHNICAL CAMPUS, Hyderabad**.**

7) I have Coordinated and Organized in a One Week **Faculty Development Program** on **"Machine Learning and Data Science with Practical Approach for Engineering Applications"** during **3rd July 2017 – 8th July 2017** at CMR TECHNICAL CAMPUS, Hyderabad.

8) I have participated in a One Week **Faculty Development Program** on **"Cross- Validation, PCA, SVD, SVM, ROC, Matching Persuits and Wavelets -Research Focus"** Conducted during **7th May 2017 – 13th May 2017** at CMR TECHNICAL CAMPUS, Hyderabad.

9) I have participated in a One Week **Faculty Development Program** on **"Latex & Origin Software's"** Conducted during **10th February 2017 – 16 th February 2017** at CMR TECHNICAL CAMPUS, Hyderabad.

10) I have participated in a One-day **Faculty Development Program** on **"Research Methodologies, Guidelines for submission of Research proposals & writing an effective Research paper"** held on **6th DECEMBER 2016** at CMR TECHNICAL CAMPUS

Hyderabad.

11) I have participated in the **Faculty Development Program** on Research Development Program on **"Research Proposals—Funding Agencies, Opportunites and Methodologies"** On **14th NOVEMBER 2015.**

12) I have participated a two-day workshop on **"Internet of Things"** at CMR TECHNICAL CAMPUS held on **9th&10th OCTOBER 2015.**

13) I have Participated in the **Faculty Enablement Program** on **"Best Practices in Programming and Web Technologies"** Conducted by **Infosys Limited** at CMR Technical Campus, Hyderabad from **6th July 2015 to 8th July 2015.**

14) I have participated and mentored in "**SWAEROTECH SUMMER CAMP"** during **25th May 2015 to 3rd June 2015** Organized by **Mundhadugu Organization and funded by Telangana Social Welfare Residential Educational Institutions Society,** *Govt of Telangana State.*

15) I have attended a two-day workshop on **"Oracle Certified Professionals"** at Oracle India Corporation held on **10th&11th April 2015**.

16) I have Participated in the **Faculty Development Program** on **"Research Methodologies and Preparation of Research Proposals"** Conducted on **24th January 2015** Organized by CMR Technical Campus.

17) I have participated in a **Faculty Development Program** on **"C &C++ through ―Spoken Tutorial Based Software Training"** Conducted on **7th May 2014** Organized by CMR Technical Campus in Collaboration the **Spoken Tutorial Project, IT Bombay.**

18) I have attended 5 day **IUCEE FLI** on **"Cloud Computing"** from **23rd to 27th July, 2012** at BVRIT.

19) I have attended a six-day training programme sponsored by **APSCHE** in association with JNTUH organized at NMREC in the subject of **"C PROGRAMMING AND DATASTRCTURES"** during the period **16th to 21st Jan 2012.**

20) I have attended a two-day national level workshop on **"Research Perspectives on Artificial Intelligence-A Neural Networks approach"** held on **11th&12th March 2010.**

   Another 80 + Online Workshops, Faculty Development Programs, Webinars and Technical Seminars Participated, organized during Covid – 19 (From 2020 to tillDate)

Subjects /Academic Courses Handled:

1. Java Programming **(JP)**

2. Data Structures Using C **(DS Using C)**

3. Formal Languages And Automata Theory **(FLAT)**

4. Design Patterns **(DP)**

5. Computer Organization **(CO)**

6. C Programming and Data Structures **(CPDS)**

7. Principles Of Programming Languages **(PPL)**

8. Data Communications And Computer Networks **(DCCN)**

9. Web Technologies **(WT)**

10. Human Computer Interaction **(HCI)**

11. Client Server Computing **(CSC)**

12. Software Testing Methodologies **(STM)**

13. Software Engineering **(SE)**

14. Data Base Management Systems **(DBMS)**

15. Operating Systems **(OS)**

16. Compiler Design **(CD)**

17. Machine Learning **(ML)**

Achievements (Awards / Certification Courses)

1. I have Received **BEST ACADEMICIAN OF THE YEAR** AWARD by **Bestow Edutrex International** ARC (Award & Recognition Committee) on **April 26,2021**.
2. I have qualified **NPTEL (National Programme on Technology Enhanced Learning) –** 8 weeks **Course Completion Certification & 1 week FDP** for **Machine Learning** during July –Sept, 2021.
3. I have qualified **NPTEL (National Programme on Technology Enhanced Learning) –** 12 weeks **Course Completion Certification & 1.5-week FDP** for **Internet of Things (IoT)** during July – October, 2021.
4. I have qualified **NPTEL (National Programme on Technology Enhanced Learning)** 12 weeks **Course Completion Certification** for **Problem Solving through Programming in C** during Jan-April, 2020.
5. I have qualified **NPTEL (National Programme on Technology Enhanced Learning)** 12 weeks **Course Completion Certification** for **Compiler Design** during Jan-April, 2020.
6. I have qualified **NPTEL (National Programme on Technology Enhanced Learning)** 12 weeks **Course Elite-Certification & 1.5 FDP** for **Programming in Java** during July-Oct 2019.
7. I have **Ratified** from **JNTU Hyderabad** as an **Assistant Professor** in A.Y.2014,2019 (with M. Tech) & 2020 (with Ph. D).
8. I have qualified **SCJP (Sun Certified Java Programmer)** Certification in June 26,2009.

Industrial Exposure/Training

➢ Attended 3 Industrial Exposure Training conducted by various organizations like SUNMICRO SYSTEMS, INFOSYS and ORACLE.

Other Skills:

➢ Free Guest Lecturers delivered in various Engineering colleges and Universities on Computer Science & Engineering Courses.
➢ Handled more than 25 batches at various places of reputed Engineering colleges as a **Technical Trainer in Java and C Programming**.
➢ I am a Convenor & Chairman in Board of Studies (BoS) Committee.
➢ I am a Convenor of Department Academic Audit Cell.
➢ I am a Convenor of Department Advisory Committee.
➢ I am a Member in Academic Audit Committee.
➢ I worked as a Incharge –Head of the Department.
➢ I worked as a Dept R&D- Coordinator
➢ I worked as a NBA Co-ordinator.
➢ Participated in NAAC Accreditation Process
➢ I worked as an Examination Branch In charge.
➢ I worked as a Academic-Coordinator.
➢ I worked as a Lab Coordinator.
➢ I worked as a Timetable In charge.
➢ I worked as a Center of Excellence – Internet of Things (COE-IOT) Lab Co-Ordinator.
➢ I have Evaluated 4 Ph. D thesis reports of Shri JJT University Scholars of CSE.
➢ I am a member in Editorial Board of IIP (Iterative International Publishers) Proceedings.

Professional Memberships:

➢ Life Member **I.S.T.E.** (LM 99193).
➢ IAENG- International Association of Engineers- Membership ID- 240571.
➢ ISOC- Information Security Operations Center- Membership ID 2174122.
➢ IFERP (Institute for Engineering Research and Publication)- MID- PMIN31495726.
➢ IRED (Institute of Research Engineers and Doctors)- Membership ID PMIN31495726.

PROJECTS GUIDED:

➢ Guided students for B. Tech (More than 50 projects), M. Tech (More than 20 projects).
➢ I have guided for student Projects to develop as a work model, patent publication by improving the quality of the student projects.

Ph. D. Guiding / Supervising:

1. T. Upender
   Research Scholar
   Department of Computer Science & Engineering
   Registration Number: 231218116
   Shri JJT University
   **Title: Anomaly Based Intrusion Classification on BigData with Ensemble Machine
   Learning Models.**

PERSONAL INFORMATION:

Name	: R. Nagaraju
Father's Name	: Shankaraiah
Date of Birth	: 26-06-1982
Gender	: Male
Nationality	: Indian
Religion	: Hindu
Languages Known	: English, Telugu, and Hindi

DECLARATION:

I am confident that I shall strive and succeed in the position applied to the satisfaction of my superiors and justice the assignments entrusted on me.

Date: 02-08-2023   (Dr.R. Nagaraju)

Place: Hyderabad