Name of Faculty	Dr. R. Madana Mohana	
Designation	Professor & Associate Director - IQAC	
Nature of Job/Appointment	Contract	
Date of Joining	02-06-2022	
E-mail	madanamohana_aids@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE) Sri Venkateswara University, Tirupathi.	Awarded
PG	M.E. (CSE)	First with Distinction
UG	B.Tech (CSIT)	First

Work Experience

Teaching	18 Years
Research	08 years
Industry	--
Others	--
Area of Specialization	Information Retrieval, Machine Learning, Data Science, Deep Learning and Computational Intelligence.
Professional Memberships	IEEE Senior Member　　92390778 ISTE　　　　　　　　LM60356 IETE-Fellow　　　　　F-502785
Responsibilities held at Institution Level	Associate Director - IQAC since 1st November 2022
Responsibilities held at Department Level	1.　Program Coordinator -UG, IT July 2022 - February 2023 2.　Program Coordinator -UG, AI&DS since March 2023
Research Guidance	Ongoing - 01

17 Awards

Awards Received	1.　NPTEL Active SPOC (6 times) 2.　NPTEL Top performing Mentor & Mentor Recognition (3 courses) 3.　Uthama Acharya Puraskar: 2019 4.　Most Promising Educators in Higher Education across India for the year 2019 5.　Tech Savvy Academicians in Higher Education Across India for the year 2019 6.　Young Professor of the Year: 2018
Courses Handled at Under Graduate / Post Graduate Level.	UG Level: Big Data Analytics, Object Oriented Programming using Python, Formal Languages and Automata Theory, Compiler Design, Data Mining, Database Management Systems, Object Oriented Analysis and Design, Mathematical Foundations of Computer Science, Software Testing Methodologies, Design Patterns. PG Level: Theory of Computation, Compiler Design, Data Mining, Database Internals, Advanced Databases, Object Oriented Modeling, Software Architecture & Design Patterns, Software Quality Assurance and Testing, Mathematical Foundations of Computer Science.

No. of Papers Published	National Journals – 14 International Journals – 11 National Conference – 08 International Conference – 12
Projects Carried out	National: 01 (Published-01) IPRs: 02 Patent Details: 1. Patent is published with title "Healthcare and Fitness Data Management using AI Blockchain Platform", Application number: 202241064068, Published on 25-11-2022 (National Patent: INDIA). IPR Details: 1. IPR on "PROGRAMMING FOR PROBLEM SOLVING (Text Book)", M/S Seven Hills International Publishers, Hyderabad - 38 with Registration Number L-87180/2019 on 21.11.2019 (Copyright Office, Govt. of India). 2. IPR on "INTERNET FUNDAMENTALS AND WEB TOOLS (Text Book)", M/S Spectrum Techno Press, Hyderabad, TS-500038 with Registration Number L-78127/2018 on 28.09.2018 (Copyright Office, Govt. of India).
Patents	Worked as Team Member in the following Technology Transfer MOOCs Full Courses developed: 04 1. Full course on "INTRODUCTION TO R PROGRAMMING" on Udemy International MOOCs platform. Course URL: https://www.udemy.com/course/introduction-to-r-programming-w/ 2. Full course on "FORMAL LANGUAGES & AUTOMATA THEORY" on Udemy International MOOCs platform. Course URL: https://www.udemy.com/course/formal-languages-and-automata-theory-e/ 3. Full course on "Python Programming - For Every Beginners" on Udemy International MOOCs platform. Course URL: https://www.udemy.com/course/python-programming-for-every-beginners/ 4. Full course on "Basics of R Software for Data Science - Basics of R Software for Data Science" on Udemy International MOOCs platform. Course URL: https://www.udemy.com/course/basics-of-r-software-for-data-science/ 5. ICT e-content developed (YouTube Channel): 06 courses https://www.youtube.com/@RASINENIMADANAMOHANA
Technology Transfer	

KEYNOTE LECTURES DELIVERED: 17

Invited Speaker

1. Delivered a talk on "Data Cleaning and Data Pre-processing" in 5-Day "Management Development Program (MDP) on Analytics Data Driven Decision Making" conducted during 13th & 17th March 2023. Organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana (1 Day-Offline, 14/03/2023)

2. Delivered a talk on "OBE: A Case Study" in 2-Day "Faculty In house Training/Induction program" conducted during 11th & 18th March 2023. Organized by IQAC, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana (1 Day-Offline, 11/03/2023)

3. Resource Person @ A 15-Days National Level Workshop on "NAAC Accreditation Process for Colleges of Education" conducted during 20th - 31st July 2022 & 01st - 4th August 2022. Organized by Association of Principals of Colleges of Education (PACE), Thrissur, Kerala - 680506. (1 Day-Online, 28/07/2022)

4. Resource Person @ Two-day NAAC Sponsored National Seminar on "Role of IQAC in Evaluation and Analysis of Academic and Administration Audit for the Excellence in Higher Educational Institute in view of NAAC framework" conducted on 17th and 18th June 2022 organized by IQAC, Siddartha Institute of Science and Technology, Puttur, Andhra Pradesh - 517583. (1 Day-Online, 18/06/2022)

5. Delivered a Talk @ Webinar on "Compiler Design" for III Year B.Tech CSE Students and CSE faculty on 30th January 2022 organized by Department of CSE, Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati, Chittoor District, Andhra Pradesh - 517520. (01 Day- Online)

6. Resource Person @ One-day Workshop on "Outcome Based Education (OBE)" on 09th January 2022 organized by IQAC, Audisankara College of Engineering & Technology, Gudur, Nellore Dt. , Andhra Pradesh - 524101. (1 Day-Offline)

7. Resource Person @ Two-day National Level Workshop on "NAAC Criteria Wise E - Documentation" on 04th August 2021 and 06th August 2021 organized by IQAC and E - Documentation committee, KES Shroff College, Mumbai - 400067. (2 Days- Online)

8. Resource Person @ Capacity Building Workshop on "OUTCOME BASED EDUCATION: Computation & Attainments" from 16-06-2021 to 20-06-2021 organized by Curriculum Development Committee, KES Shroff College, Mumbai - 400067. (1 Week- Online)

9. Delivered a Talk on "Introduction to R Programming-Basics of R Software" on AICTE Sponsored Two-Weeks ONLINE FDP PHASE-II on Data analytics, Artificial, Machine, Business intelligence for Engineering and Science Applications" from 22-04-2021 to 06-04-2021 organized by Department of CSE, Kingston Engineering College, Vellore-632 059 with two days sessions on 3rd & 4th May 2021. (02 DAYS- Online)

10. Delivered a Talk on "Awareness on Preparation of NAAC Self-Study Report (SSR) & Standard Operating Procedure (SOP) for Data Validation and Verification (DVV) For Affiliated/Constituent (UG, PG) Colleges" at Webinar on 18-04-2021, Organized by MALLA REDDY ENGINEERING COLLEGE & MANAGEMENT SCIENCE, Hyderabad. (01 DAY- Online)

11. Delivered a Talk on "Introduction to R Programming" at Knowledge Sharing Session (KSS)-18: Webinar-31" on 21-02-2021, Organized by The Institution of Electronics and Telecommunication Engineers (IETE)-Hyderabad Centre, O.U Campus, Hyderabad & In Association with NAVATEJ

TECHNOLOGIES, Karmanghat, Hyderabad. (01 DAY- Online)

12. Delivered a Talk on "Introduction to R Programming" on AICTE Sponsored Two-Weeks ONLINE FDP on Data analytics, Artificial, Machine, Business intelligence for Engineering and Science Applications" from 07-12-2020 to 19-12-2020 Department of CSE, Kingston Engineering College, Vellore- 632 059 with two days sessions on 16th & 17th December 2020. (02 DAYS- Online)

13. Delivered a Talk on "Massive Open Online Course (MOOC) Platforms for Faculty: SWAYAM-NPTEL and AICTE-NITTT" on AICTE Sponsored Two Week Online Faculty Development Program (FDP) on Advanced Pedagogy and Digital Tools in Engineering Education": 14 - 26 December, 2020 with one days sessions on 24th December 2020 at Institute of Aeronautical Engineering, Hyderabad. (01 DAY- Online)

14. Delivered a Talk on "IMPORTANCE OF INTERNSHIPS & SWAYAM-NPTEL ONLINE CERTIFICATION COURSES" on INDUCTION PROGRAMME Organized by Department of CSE at Muffakham Jah College of Engineering and Technology, Hyderabad on 8th December 2020. (01 DAY- Online)

15. Delivered a Talk on "NBA-OBE: Attainment of Course Outcomes(COs),Program Outcomes (POs) and Program Specific Outcomes (PSOs)" on FACULTY DEVELOPMENT PROGRAMME Organized by Department of ECE at Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor, Andhra Pradesh on 4th & 5th July 2020. (02 DAYS- Online)

16. Delivered a Talk on "Google Scholar Citations" on Regional Workshop on ENHANCING RESEARCH PUBLICATION VISIBILITY FOR NIRF at Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad, 5th October 2019. (01 DAY- Offline)

17. Delivered a Talk on "Innovations by the faculty in Teaching & Learning" on PEDAGOGY WORKSHOP FOR EDUCATORS at Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad, 13th July 2019. (01 DAY- Offline)

TEXT BOOKS: 03
1. Text Book on "INTRODUCTION TO MACHINE LEARNING", 2022, Scientific International Publishing House (SIPH), TAMILNADU, India. ISBN 978-93-5625- 009-3
2. Text Book on "PROGRAMMING FOR PROBLEM SOLVING", 2019, M/s Seven Hills International Publishers, Hyderabad - 38. ISBN 978-93-88096-20-1

No. of Books/Chapter Published with details

3. Text Book on "INTERNET FUNDAMENTALS AND WEB TOOLS", 2018, M/s Spectrum Techno Press, Hyderabad – 38. ISBN 978-93-83470-08-2

BOOK CHAPTERS: 01
1. R. Madana Mohana, et al, "Smart Villages-Scope for IOT and Cloud Applications", Pp: 216-246 (31) (SEPT 2022), Book Title: Artificial Intelligence for Smart Cities and Villages: Advanced Technologies, Development, and Challenges, Publisher: BENTHAMBOOKS
DOI:
https://doi.org/10.2174/9789815049251122010015

CONFERENCES CONDUCTED: 02

1. CONVENER & Editor of Proceedings Book: A Two Day National Conference on Innovative Technologies in Big Data, Cloud, Mobile and Security (ITBCMS-2016) during 16th-17th December, 2016. Organized by department of CSE/IT under BIET CSI Student Branch, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.

2. CSE DEPT Organizing Member & Editor of Proceedings Book: A Two Day National Conference on Fast Emerging Trends in Engineering and Technology (NCOFEET-2K15), March 25-26, 2015, organized by All departments under CSI Chapter, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.

WORKSHOPS CONDUCTED: 07

1. Two Day Workshop on "ROLE OF PYTHON IN IT PYTHON " by Mr. YUKTESH CHINTAMADAKA, Developer Advocate, Developer Ecosystem Group, IBM INDIA Pvt Ltd, Hyderabad for III & IV B.Tech CSE/IT Students on 13th & 14th November, 2019.
2. Two Day Workshop on "IBM CLOUD AND WATSON IoT " by Mr. YUKTESH CHINTAMADAKA, Developer Ecosystem & Startups, IBM INDIA Pvt Ltd, Hyderabad for III & IV B.Tech CSE Students on 27th&28th February, 2018.
3. One Day Workshop on "Tableau Software: A Real Time Data Warehousing Tool Implementation" by Mr. JAGADEESH KUMAR, Senior Software Engineer, OSI Consulting Pvt Ltd, Hyderabad for III & IV B.Tech CSE Students on 29th July, 2017.
4. A One Day Workshop on "IBM BLUEMIX" for III & IV Year CSE & IT Students on 07 October, 2015 by Mr. Yukthesh Chintamadaka, Community Manager, IBM Global Entrepreneur Program, IBM India Pvt Ltd, SP Infocity, Pune: 412 308, conducted by CSE / IT Department under CSI Chapter, Bharat Institute of Engineering & Technology.
5. A One Day Workshop on "IBM BLUEMIX DAY @ BIET" on 25 September, 2014 by Mr. Yuktesh Chintamadaka, IT - Specialist, IBM, Hyderabad, conducted by CSE / IT Departments, Bharat Institute of Engineering & Technology.
6. A One Day Workshop on "A MULTILINGUAL ONE STOP KNOWLEDGE PORTAL" on 22 August, 2014 by Mr. E. Naresh, Project Officer, CDAC, Hyderabad, conducted by CSE / IT Departments, Bharat Institute of Engineering & Technology.
7. A One Day Workshop on "BIG DATA ANALYSIS USING HADOOP TECHNOLOGY" on 12 August, 2014 by Dr. P. Arun Kumar, JNTUH, Hyderabad, conducted by CSE / IT departments, Bharat Institute of Engineering & Technology.

PROFESSIONAL CHAPTERS INAUGURATION/PROJECT EXPOs CONDUCTED: 03

1. CSI Student Branch Inauguration on 5th October 2016. The Inauguration was done at the kind hands Shri. K. Mohan Raidu, Vice-Chairman, CSI Hyderabad Chapter.
2. A One Day PROJECT DAY: 2K16 on 09 April, 2016, organized by CSE / IT Department under CSI Chapter, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.
3. A One Day PROJECT DAY: 2K15 on 27 March, 2015, organized by CSE / IT Department under CSI Chapter, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.

MOOCS CERTIFICATION COURSES CONDUCTED: 01

1. Conducted MOOCs course on "Introduction to R Programming during Jul-Aug 2020 (8 week's duration from 01.07.2020 to 31.08.2021).

AICTE SPONSORED FDPS/REFRESHER COURSES ATTENDED/COMPLETED: 18
1. AICTE-ISTE Orientation/Refresher Programme on "Pedagogy Innovative Methods of Teaching and Learning"

at Bharat Institute of Engineering and Technology, Hyderabad, Telangana, India during 07-02-2022 to 12-02-2022. (1 WEEK)

2. AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence and Conceptualization of Algorithms using Python" from 2021-7-12 to 2021-7-16 at Bangalore Institute of Technology, Bangalore. (1 WEEK)

3. AICTE Training And Learning (ATAL) Academy Online FDP on "Data Science" from 2021-07-01 to 2021-07-05 at Indian Institute of Information Technology, Himachal Pradesh 177209. (1 WEEK)

4. AICTE Training And Learning (ATAL) Academy Online FDP on "Machine Learning and its Application" from 2021-6-21 to 2021-6-25 at Dr Harisingh Gour University, Sagar, Madhya Pradesh 470003. (1 WEEK)

5. AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence and its Applications" from 07-06-2021 to 11-06-2021 at Government College of Engineering, Nagpur. (1 WEEK)

6. AICTE ONE WEEK Online "Orientation Training Programme for Mentors", organized from 9th February to 13th February 2021 under National Initiative for Technical Teachers Training (NITTT) by NITTTR. Registration No. 1-2496504783 (1 WEEK)

7. AICTE Six Day Faculty Development Programme on "NBA / NAAC Accreditation Processes and World Ranking Processes", sponsored by Faculty Development Cell, AICTE under Technical Teachers Training Scheme, held from 1st to 6th , February, 2021, organised by the Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu, Andhra Pradesh. (1 WEEK)

8. AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 11-01-2021 to 15-01-2021 at Amity University, Uttar Pradesh, Lucknow Campus. (1 WEEK)

9. AICTE-NITTT Faculty Development Programme on "Module-5: Technology Enabled Learning and Life-long Self-learning" by NITTTR during September - Oct 2020. (1 WEEK)

10. AICTE-NITTT Faculty Development Programme on "Module-7: Creative Problem Solving, Innovation and Meaningful R & D" by NITTTR during September - Oct 2020. (1 WEEK)

11. AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 14-12-2020 to 18-12-2020 at Indian Institute of Information Technology Tiruchirappalli. (1 WEEK)

12. AICTE Training And Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" from 14-09-2020 to 18-09-2020 at Vellore Institute of Technology. (1 WEEK)

13. AICTE Training And Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" from 24-08-2020 to 28-08-2020 at JIS College of Engineering. (1 WEEK)

14. AICTE Online FDP on "NBA and NAAC Accreditation Process" from 4th to 8th June 2020 at M. S. Ramaiah Institute of Technology, Bangalore under AICTE Margdarshan Scheme. (1 WEEK)

15. AICTE INTERNSHALA TRAININGS: Six Weeks online summer training on "Programming with Python" from 15th May, 2019 to 26th June, 2019. (6 WEEKS)

16. AICTE-ISTE approved One Week Refresher Programme on "Pedagogical Training on Outcome Based Education", Organized by Vardhaman College of Engineering, Shamshabad, Hyderabad, Telangana during 07.05.2018 to 12.05.2018. (1 WEEK)

17. AICTE sponsored Two-Week Faculty Development Program on "RF and Microwave Antenna Design",

Conducted by ECE Department, Bharat Institute of Engineering and Technology, Hyderabad, during 27.11.2017 to 9.12.2017. (2 WEEKS)

18. A One-Week AICTE Sponsored Refresher Course on Embedded Systems and VLSI Design at Sree Vidyanikethan Engineering College, Tirupati during 23-29, July 2007. (1 WEEK)

MOOCs: SWAYAM-NPTEL CERTIFICATION COURSES: 14

1. NPTEL Online Certification on "Reinforcement Learning" by IIT Madras during Jan-Apr 2022 (12 WEEKS).
2. NPTEL Online Certification on "Deep Learning" by IIT Madras during Jul-Oct 2021(12 WEEKS).
3. NPTEL Online Certification on "Probability for Computer Science" by IIT Madras during Aug-Oct 2021(1 WEEK).
4. NPTEL Online Certification on "Introduction to Automata, Languages and Computation" by IIT Kharagpur during Jan-Apr 2021. (12 WEEKS)
5. NPTEL Online Certification on "Descriptive Statistics with R Software" by IIT Kanpur during Feb-Apr 2021. (8 WEEKS)
6. NPTEL Online Certification on "Fundamentals of Artificial Intelligence" by IIT Guwahati during Sep-Dec 2020. (12 WEEKS)
7. NPTEL Online Certification on "Python for Data Science" by IIT Madras during Aug-Sept 2019. (4 WEEKS)
8. NPTEL Online Certification on "Introduction to Machine Learning" by IIT Kharagpur during Jul-Sept 2019. (8 WEEKS)
9. NPTEL Online Certification on "Data Science for Engineers" by IIT Madras during Jan-Apr 2019. (8 WEEKS)
10. NPTEL Online Certification on "Introduction to R Software" by IIT Kanpur during Aug-Sep 2018. (8 WEEKS)
11. NPTEL Online Certification on "Data Mining" by IIT Kharagpur during Feb-Mar 2018. (8 WEEKS)
12. NPTEL Online Certification on "Database Management System" by IIT Kharagpur during Feb-Mar 2018. (8 WEEKS)
13. NPTEL Online Certification on "Theory of Computation" by IIT Kanpur during Jul-Sep 2017. (8 WEEKS)
14. NPTEL Online Certification on "Outcome Based Pedagogic Principles for Effective Teaching" by IIT Kharagpur Jul-Aug 2017. (4 WEEKS)

MOOCs: AICTE- NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (AICTE-NITTT) MODULES: 08 (NITTT Registration No: 20202108288

1. AICTE-NITTT Online Certification on "Module 1_ Orientation towards Technical Education and Curriculum Aspects" by NITTTR during April - May 2022. (8 WEEKS)
2. AICTE-NITTT Online Certification on "Module 2_ Professional Ethics & Sustainability" by NITTTR during April - May 2022. (8 WEEKS)
3. AICTE-NITTT Online Certification on "Module 3_ Communication Skills, Modes & Knowledge Dissemination" by NITTTR during Sep - Oct 2021. (8 WEEKS)
4. AICTE-NITTT Online Certification on "Module 4_ Instructional Planning and Delivery" by NITTTR during Sep - Oct 2021. (8 WEEKS)
5. AICTE-NITTT Online Certification on "Module 8_ Institutional Management & Administrative Procedures" by NITTTR during Sep - Oct 2021. (8 WEEKS)
6. AICTE-NITTT Online Certification on "Module-6: Student Assessment and Evaluation" by NITTTR during March – April 2021. (8 WEEKS)
7. AICTE-NITTT Online Certification on "Module-5: Technology Enabled Learning and Life-long Self-learning" by NITTTR during September - Oct 2020. (8 WEEKS)

8. AICTE-NITTT Online Certification on "Module-7: Creative Problem Solving, Innovation and Meaningful R & D" by NITTTR during September - Oct 2020. (8 WEEKS)

MOOCs: LIFE SKILLS CERTIFICATIONS: 01

1. MOOCs course on "LifeSkills for Engineers (Level II)" by Commonwealth Educational Media Centre for Asia (CEMCA) and University of Hyderabad (UOH) during Nov-Dec 2018.

MOOCs-IBM INITIATIVE COGNITIVE CLASS ONLINE CERTIFICATIONS: 02

1. An Online Course on Cognitive Class on "PYTHON 101 FOR DATA SCIENCE" (PY0101EN, provided by Cognitive Class) by an IBM Initiative COGNITIVECLASS on November 12, 2019.
2. An Online Course on Cognitive Class on "MACHINE LEARNING WITH PYTHON" (ML0101ENv3, provided by Cognitive Class) by an IBM Initiative COGNITIVECLASS on November 18, 2019

IBM PROFESSIONAL CERTIFICATIONS: 05

1. IBM Certified on "Rational Team Concert (RTC)" in the year 2013.
2. IBM Certified Deployment Professional "Tivoli Directory Server V6.1 (TDS)" in the year 2012.
3. IBM Certified Associate System Administrator "Lotus Notes and Domino 8 (LOTUS)" in the year 2012.
4. IBM Certified Academic Associate on "DB2 9 Database and Application Fundamentals" in the year 2011.
5. IBM Certified Associate Developer on "Rational Application Developer for Web Sphere Software V6.0 (RAD)" in the year 2011.

MOOCs-COURSERA: PROFESSIONAL ONLINE CERTIFICATIONS (SPECIALIZATION COURSES): 05

1. Coursera Online specialization Certification (6 courses) on "Data Mining" by University of Illinois on 22/07/2020. (30 WEEKS)
2. Coursera Online specialization Certification (4 courses) on "Machine Learning" by University of Washington on 20/07/2020. (25 WEEKS)
3. Coursera Online specialization Certification (5 courses) on "Python 3 Programming" by University of Michigan on 16/07/2020. (18 WEEKS)
4. Coursera Online specialization Certification (5 courses) on "Applied Data Science with Python" by University of Michigan on 17/07/2020. (20 WEEKS)
5. Coursera Online specialization Certification (5 courses) on "Deep Learning" by deeplearning.ai on 19/07/2020. (17 WEEKS)

PYTHON CERTIFICATION COURSES: 01

1. Online Certification Course on "CORE PYTHON PROGRAMMING" by AONE TECHIE PLACEMENT ZONE PVT. LTD, Hyderabad from 6th Nov 2021 to 16th Feb 2022. (50 DAYS)

Details of Journal Publications/ Conferences **(National and International)**

International Journals

1. C. Kishor Kumar Reddy, P. R. Anisha, Marlia Mohd Hanafah, Y. V. S. S. Pragathi, B. V. Ramana Murthy & R. Madana Mohana (Corresponding Author), "An intelligent optimized cyclone intensity prediction framework using satellite images", Journal: Earth Science Informatics (SCI, Q2), DOI: https://doi.org/10.1007/s12145-023-00983-z. Publication Date: 14 March 2023. Impact Factor: 2.705 (2021), E-ISSN: 1865-0481, Publisher: Springer. (Switzerland).

2. G. Senthil Kumar, Kadiyala Ramana, Rasineni Madana Mohana, Rajanikanth Aluvalu, Vinit Kumar Gunjan, Ninni Singh, "An Effective Bootstrapping Framework for Web Services Discovery Using Trigram Approach", Mobile Information Systems, vol. 2022, Article ID 2373596, 12 pages, 2022. https://doi.org/10.1155/2022/2373596, E-ISSN: 1875-905X, Publisher: Hindawi, London, United Kingdom. Open Access (SCI, Impact Factor: 1.802)

3. Arram Sriram, G. Sekhar Reddy, G. L. Anand Babu, Prashant Bachanna, Singh Chhabra Gurpreet, Vishal Moyal, D. C. Shubhangi, Anil Kumar Sahu, Devanand Bhonsle, R. Madana Mohana, K. Srihari, Fekadu Ashine Chamato, "A Smart Solution for Cancer Patient Monitoring Based on Internet of Medical Things Using Machine Learning Approach", Evidence-Based Complementary and Alternative Medicine, vol. 2022, Article ID 2056807, 6 pages, 2022, ISSN: 1741-4288 (Online), (Impact Factor: 2.629). Publisher: Hindawi (UK), DOI: https://doi.org/10.1155/2022/2056807

4. Darshana A. Naik, R. Madana Mohana (Corresponding Author), Gandikota Ramu, Y. Sri Lalitha, M. SureshKumar & K. V. Raghavender, "Analyzing histopathological images by using machine learning techniques", Journal: Applied Nanoscience (SCI), DOI: https://doi.org/10.1007/s13204-021-02217-4. Publication Date: 07 February 2022. Impact Factor: 3.674 (2020), ISSN: 2190-5517, Publisher: Springer. (Switzerland).

5. R. Madana Mohana, R. Delshi Howsalya Devi, Anita Bai. "Lung Cancer Detection using Nearest Neighbour Classifier." International Journal of Recent Technology and Engineering 8.2S11 (2019): 3641-3645. ISSN: 2277-3878 (SCOPUS, First Author). Publisher: Blue Eyes Intelligence Engineering & Sciences Publication, India.

6. R. Madana Mohana, P Nagarjuna Pitty, K. Rishitha, "Performance Evaluation of Machine Learning Techniques on RPAS Remote Sensing Images." International Journal of Engineering and Advanced Technology 8.6S (2019): 1035-1039. ISSN: 2249- 8958 (SCOPUS, First Author). Publisher: Blue Eyes Intelligence Engineering & Sciences Publication, India.

7. Dr. Praveen Ayyappa, R. Madana Mohana and K. Vijaya Sekhar Reddy, "Efficient Argument Checks for different Assertions using various Packages in R Programming", International Journal of Mechanical Engineering and Technology, 9(5), 2018, pp. 742–749. ISSN Online: 0976-6359.

8. R. Madana Mohana and A. Rama Mohan Reddy. "Hybrid learning model and acoustic approach to spoken language identification using machine learning." International Review on Computers and Software 10.5 (2015), pp: 502-512. ISSN: 1828-6003 (SCOPUS, First Author). Publisher: Praise worthy Prize, Italy.

9. R. Madana Mohana and A. Rama Mohan Reddy. "Signer-Independent SLR System Using PCA and Multi-Class SVM." International Review on Computers and Software 9.12 (2014).pp: 1946-1955, ISSN: 1828-6003 (SCOPUS, First Author). Publisher: Praise worthy Prize, Italy.

10. R. Madana Mohana et al (First Author), "Enabling Authorized Encrypted Search For Multi-Authority Medical Database", JES-Journal of Engineering Sciences (UGC CARE APPROVED GROUP 'II' MULTIDISCIPLINARY JOURNAL, Journal No. 20446), Volume 11, Issue 12, December/2020, pp. 1–8, ISSN: 0377-9254

11. R. Madana Mohana et al (First Author), "Recommender System for Voting in Online Social Network", JASC: Journal of Applied Science and Computations (UGC LISTED, Journal No. 41238), Volume V, Issue XII, December/2018, pp. 392–398, ISSN: 1076-5131

International /National Conferences

1. C Kishore Kumar Reddy, P R Anisha, R. Madana Mohana., "Assessing wear out of tyre using Open cv & Convolutional Neural Networks ", IOP Science-Journal of Physics: Conference Series, volume 2089 (2021) 012001, 1st International Conference on Applied Mathematics, Modeling and Simulation in Engineering (AMSE) 2021 15-16 September 2021, India (Virtual). Published online: 30 November 2021. E-ISSN:1742-6596 doi:10.1088/1742-6596/2089/1/012001

2. Bano Farhana, K Munidhanalakshmi, R. Madana Mohana., "Predict Diabetes Mellitus using Machine Learning", IOP Science-Journal of Physics: Conference Series, volume 2089 (2021) 012001, 1st International Conference on Applied Mathematics, Modeling and Simulation in Engineering (AMSE) 2021 15-16 September 2021, India (Virtual). Published online: 30 November 2021. E-ISSN:1742-6596 doi:10.1088/1742-6596/2089/1/012002

3. K. S. Niraja ; K. Keerthi Chennam ; R. Madana Mohana ; G. Venkata Siva Nandan., "A model to predict malicious data in smart home applications using deep learning algorithms", 4th Smart Cities Symposium (SCS 2021), 2021 p. 245 – 249, Location: Online Conference, Bahrain, Conference date: 21-23 November 2021, DOI: https://doi.org/10.1049/icp.2022.0351, ISBN: 978-1-83953-658-8.Proceedings: IET Library

4. K. S. Niraja, Krishna Keerthi Chennam, R. Madana Mohana., "A Survey on DDoS Attacks from Compromised Devices to Enhance IoT Security", International Conference on Computational Intelligence in Machine Learning (ICCIML 2021), organized by Centre for Artificial Intelligence and Robotics, University of Teknologi Malaysia, University of Science and Technology Chattogram, Chittagong, University of Science & Technology Chittagong, Bangladesh, Don Bosco Institute of Technology, Bengaluru, India and CMR College of Engineering & Technology, Hyderabad, India

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