

Name of Faculty Dr. R. MADANA MOHANA
 Designation Professor
 Nature of Job/Appointment Contract (02/05/2023)
 Date of Joining 02-06-2022
 E-mail madanamohana_it@cbit.ac.in



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

Work Experience

Teaching	17 Years
Research	08 years
Industry	--
Others	--

Area of Specialization Information Retrieval, Machine Learning, Data Science, Deep Learning and Computational Intelligence.

ISTE	LM60356
IETE-Fellow	F-502785
IEEE	92390778
IAENG, Hongkong	193612
ISRDL, London, UK	F3140901008

Responsibilities held at Institution Level --

Responsibilities held at Department Level --

Research Guidance Ongoing - 01
17

- NPTEL Active SPOC (6 times)
- NPTEL Top performing Mentor & Mentor Recognition (3 courses)
- Uthama Acharya Puraskar: 2019
- Most Promising Educators in Higher Education across India for the year 2019
- Tech Savvy Academicians in Higher Education Across India for the year 2019
- Young Professor of the Year: 2018

Awards Received

UG Level: 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.

Courses Handled at Under Graduate / Post Graduate Level. 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.

- January 2022 organized by IQAC, Audisankara College of Engineering & Technology, Gudur, Nellore Dt. , Andhra Pradesh - 524101. (1 Day-Offline)
3. 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)
 4. 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)
 5. 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)
 6. 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)
 7. 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)
 8. 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)
 9. 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)
 10. 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)
 11. 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)
 12. 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)
 13. 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

No. of Books/Chapter Published with details

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

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: 02

1. R. Madana Mohana, et al “Blockage With in Wi-Fi Sensor Networks in Addition to Systems Regarding Controlling Congestion”, Lecture Notes in Networks and Systems, Volume 12, 2017, Springer Nature Singapore Pte Ltd. 2017. (BOOK CHAPTER)

URL:

https://link.springer.com/chapter/10.1007/978-981-10-3935-5_3

2. R. Madana Mohana, et al “Review upon distributed Facts Hard Drive Schemes throughout Wireless Sensor Communities”, Communication and Power Engineering, Walter de Gruyter GmbH & Co KG, 2017. Pg. 297-309 (BOOK CHAPTER). Editors: Dr. R. Rajesh, Dr. B. Mathivanan

URL:

<https://www.degruyter.com/view/book/9783110469608/10.1515/9783110469608-030.xml>

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).

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: 30

1. AICTE-NITTT Faculty Development Programme on “Module-3. Communication Skills, Modes & Knowledge Dissemination” by NITTTR during February - March 2022. (1 WEEK)
2. AICTE-NITTT Faculty Development Programme on “Module-4. Instructional Planning and Delivery” by NITTTR during February - March 2022. (1 WEEK)
3. AICTE-NITTT Faculty Development Programme on “Module-8. Institutional Management & Administrative Procedures” by NITTTR during February - March 2022. (1 WEEK)
4. 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)
5. AICTE-NITTT Faculty Development Programme on “Module-6: Student Assessment and Evaluation” by NITTTR during March - April 2021. (1 WEEK)
6. NPTEL-AICTE Faculty Development Programme on “Deep Learning” during Jul-Oct 2021. (One and Half Week)
7. NPTEL-AICTE Faculty Development Programme on “Probability for Computer Science” during Aug-Oct 2021. (1 WEEK)
8. NPTEL-AICTE Faculty Development Programme on “Introduction to Automata, Languages and Computation” during Jan-Apr 2021. (One and Half Week)
9. NPTEL-AICTE Faculty Development Programme on “Descriptive Statistics with R Software” during Feb-Apr 2021. (1 WEEK)
10. 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)
11. 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)
12. 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)
13. 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)
14. 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)
15. 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)

16. 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)
17. AICTE-NITTT Faculty Development Programme on "Module-5: Technology Enabled Learning and Life-long Self-learning" by NITTTTR during September - Oct 2020. (1 WEEK)
18. AICTE-NITTT Faculty Development Programme on "Module-7: Creative Problem Solving, Innovation and Meaningful R & D" by NITTTTR during September - Oct 2020. (1 WEEK)
19. NPTEL-AICTE Faculty Development Programme One and Half Week on "Fundamentals of Artificial Intelligence" during Sep-Dec 2020. (One and Half Week)
20. 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)
21. 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)
22. 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)
23. 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)
24. NPTEL-AICTE Faculty Development Programme Half Week on "Python for Data Science" during Aug-Sept 2019. (Half WEEK)
25. NPTEL-AICTE Faculty Development Programme One Week on "INTRODUCTION TO MACHINE LEARNING", during JUL-SEPT 2019. (1 WEEK)
26. AICTE INTERNSHALA TRAININGS: Six Weeks online summer training on "Programming with Python" from 15th May, 2019 to 26th June, 2019. (6 WEEKS)
27. NPTEL-AICTE Faculty Development Programme One Week on "DATA SCIENCE FOR ENGINEERS", during JAN-MAR 2019. (1 WEEK)
28. 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)
29. 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)
30. 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)

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

International Journals

1. 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)
2. 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).
3. M. Nagabhushana Rao, R. Madana Mohana, Vamsidhar Talasila & M. Sureshkumar. "Prediction of Chronic Diseases at an early phase using Machine Learning Approach." *Turkish Journal of Physiotherapy and Rehabilitation (ESCI)* 32:3 (2021): 769 - 777. e-ISSN: 2651-446X. Journal URL: <https://turkjphysiotherrehabil.org/pub/32-3.html> (Corresponding Author). Publisher: Turkish Physiotherapy Association, Turkey. IF: 0.3

4. K. Thirupal Reddy, M Madhuri & R. Madana Mohana. "Classification of Medical Image Data using Advanced Deep Learning and Super Optimization Technique." *Turkish Journal of Physiotherapy and Rehabilitation (ESCI)* 32.3 (2021): 1310 - 1320. e-ISSN: 2651-446X. Journal URL: <https://turkjphysiotherrehabil.org/pub/32-3.html> (Corresponding Author). Publisher: Turkish Physiotherapy Association, Turkey. IF: 0.3
5. R. Madana Mohana, C. Kishor Kumar Reddy, P.R. Anisha, B.V. Ramana Murthy, "Random forest algorithms for the classification of tree-based ensemble", *Materials Today: Proceedings*, 2021, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2021.01.788>. Journal URL: <https://www.sciencedirect.com/science/article/pii/S2214785321008853> (SCOPUS, First Author). Publisher: Elsevier Ltd. United Kingdom. IF: 1.8
6. Anita Bai, R. Delshi Howsalya Devi, R. Madana Mohana. "High Performance Network Intrusion Detection System." *International Journal of Engineering and Advanced Technology* 9.2 (2019): 3749-3753. ISSN: 2249- 8958 (SCOPUS). Publisher: Blue Eyes Intelligence Engineering & Sciences Publication, India.
7. 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.
8. 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.
9. 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.
10. R. Madana Mohana and A. Rama Mohan Reddy. "CCBIR: A cloud based implementation of content based image retrieval." *WSEAS transactions on Computers* 14 (2015): 333-346. ISSN: 1109-2750 (SCOPUS, First Author). Publisher: World Scientific and Engineering Academy and Society, Greece.
11. 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.
12. 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.
13. 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
14. 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 during 1st-2nd June 2021. Book Title: Computational Intelligence in Machine Learning, pp 265-269, First Online: 01 January 2022, Publication: Springer Singapore, Lecture Notes in Electrical Engineering series, Online ISBN: 978-981-16-8484-5, DOI: https://doi.org/10.1007/978-981-16-8484-5_24
 5. R. Madana Mohana, C. Kishor Kumar Reddy, P. R. Anisha, “A Study And Early Identification Of Leaf Diseases In Plants Using Convolutional Neural Network”, 4th International Conference on Smart Computing and Informatics (SCI-2020), organized by CSE Department, Vasavi College of Engineering (Autonomous), Hyderabad, India during 09-10 Oct 2020. Publication: Smart Computing Techniques and Applications, Springer, Smart Innovation Systems and Technologies Series, Springer (SIST) series, ISBN 978-981-16-1502-3, DOI: https://doi.org/10.1007/978-981-16-1502-3_69 14th July 2021, Pages 693-709
 6. P Lalitha Surya Kumari; R. Madana Mohana, “Robust and Resilient Authentication on MapReduce Model”, IEEE 2020 International Conference on Computer Science, Engineering and Applications (ICCSEA 2020) March 13 -14, 2020 at GIET University, Gunupur-765022, Odisha, India. Publication: IEEE (03 July 2020), E- ISBN: 978-1-7281-5830-3, DOI: <https://doi.org/10.1109/ICCSEA49143.2020.9132902>
 7. R. Madana Mohana; Nagarjuna Pitty; P. Lalitha Surya Kumari, “Customer Support Chatbot using Machine Learning”, 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020) January 4 - 5, 2020 at National Institute of Technology Karnataka, Surathkal. Publication: Springer, Intelligent Data Engineering and Analytics pp 445-451, Advances in Intelligent Systems and Computing (AISC) series, (AISC, volume 1177) (30 August 2020), ISSN: 2194-5357, DOI: https://doi.org/10.1007/978-981-15-5679-1_42
 8. R. Madana Mohana, et al “Diverse execution dimensions for information conveyance in distant sensor systems”, IEEE 2016 Thirteenth International Conference on - Wireless and Optical Communications Networks (WOCN), 21-23 July 2016, Hyderabad, Telangana. Electronic ISSN: 2151-7703, DOI: <https://doi.org/10.1109/WOCN.2016.7759897>
 9. R. Madana Mohana, et al “A Improved FCM Algorithm for Clustering on Web Usage Mining”, IEEE Conference - Computer and Management (CAMAN) , 19-21 May 2011, CHINA. E-ISBN: 978-1-4244-9283-1, DOI: <https://doi.org/10.1109/CAMAN.2011.5778781>
 10. R. Madana Mohana et al “Fish Stock Prediction Using Data Mining and Image Processing Techniques Based on Salinity, Temperature and Chlorophyll Distribution”, International Conference on Recent Trends In Computing and Communication Engineering (RTCCE 2013), April 20-21, 2013, Hamirpur, India. ISBN 978-981-07-6184-4, DOI: 10.3850/978-981-07-6184-4_50