



J.ARUNA SANTHI

Assistant Professor

Education Qualifications: M.Tech,(Ph.D) Computer Science

Specialization: Machine Learning



ADDRESS:

- D – Block -301

JNTUH ID:

60150406-114816

EMAIL:

jarunashanthi_it@mgit.ac.in

DATE OF JOINING:

31-07-2006

EXPERIENCE - 16 Years

- Teaching - 16
- Research - 0
- Industry - 0
- Others - 0

SUMMARY:

- Publications - 7
- Conferences - 8
- Patents - 1

EVENTS:

- Organized - 4
- Attended - 54

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGIThyderabad>

Membership of Professional Bodies:

- Life Member of Indian Society for Technical Education (LM129032).
- Life Member of Computer Society of India(I288813)

Responsibilities Held at Institution Level:

- SC/ST Cell- Member
- Student Counseling Committee-Member
- Anti-Ragging Committee –Member
- Campus Monitoring Duty

Responsibilities Held at Department Level:

- Class In-Charge
- Counseling In-charge
- Incharge -Minutes of Meeting
- Member in various committees of Yukti
- Board of Studies Member for IT Department
- Mentor

Courses Handled at Under Graduate /Post Graduate Level:

UG:

- C Programming
- Operating systems
- Data warehousing and data mining
- Data structures through C&C++
- Data Base Management Systems
- Data Analytics
- Object oriented Analysis and design
- Artificial Intelligence

PG:

- Advanced data structures and algorithm
- Big data analytics
- Advanced Data structures using Java

Publications:

1. Published Paper Titled “study of against growing Covid-19 data sharing using block chain technique ” in IJSE val:37,No.3 2022
2. Published Paper Titled “Efficient Deep ConvNet Based Detection System for Disaster Management” in IJTIIR in April 2021 , ISSN: 2582-0354, Volume- 3 | Issue- 2.

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3. Published Paper Titled "IoT based Water Quality Assessment and Analysis using Machine Learning in CEJ, April 2021, CEJ, UGC-Group-II, ISSN No:0898-3577, Volume 12, Issue 4
4. Published Paper titled "Attack detection in medical Internet of things using optimized deep learning: enhanced security in healthcare sector" Data Technologies and Applications, 30 April 2021 Emerald Publishing, Data Technologies and Applications, ISSN: 2514-9288.
5. A comprehensive survey on privacy preserving distributed data mining with evolutionary computing published in IJITR, Vol-4, issue no:5, page no:3770-3772, September 2016.
6. Published paper on "Exclusion of redundant messages from online social networks" IJRRECS/December 2013/vol 1/issue 8/1842-1847 ISSN:2321-5461.
7. "Accuracy – Access Control Mechanism for Relational Database", International Journal of Computer Engineering & Applications, Vol. IX, ISSN: 2321 – 3469.

Conferences:

1. Two day International Conference on "Emerging Trends in Circuit branch Technologies and Applications" (ETCTA-2021) Towards Privacy-Preserving of Time Series IoT Data Publishing. Organized by Dept. of CSE, ECE, EEE, IT and MCA. 3-4 April 2021.
2. National Level E-Conference on "Emerging Trends in Information Technology" (ETIT) A Review On Block Chain Technology And Applications In Agriculture And Food Industry on 11th-12th February, 2021, Department of Computer Science K.G.R.L College (Autonomous): Bhimavaram Degree & PG Courses 11-12 Feb-2021.
3. Security in Cloud through Homomorphism Encryption" in ICICSIT-2015, held during 28-29 August 20.
4. Accuracy-Access control mechanism for Relational Database-ICICSIT-2015 at MGIT, Hyderabad.
5. "Comparative Study on Cyber Physical and Conventional Computer Security Measurers" in ICICSIT-2015 @ MGIT, Hyderabad.
6. Designing of Location Area for Paging in Fixed and Mobile Networks at Vasavi College of Engineering in National conference on Computer Networks & Information Security on January 30-31, 2013 with ISBN :978-81-925286-9-4 .
7. A Paper titled HADOOP presented in national conference knowledge engineering at MGIT Blobseer With Version Pruning Module For Fast Retrieval Of Historical Data -NCEITCS-2014 .
8. Privacy Guarantee for user sensitive information National conference on Emerging & Innovative Trends in Computer Science on April 1-2, 2013 with ISBN: 978-93-82570-06-6 .

Patents:

1. International Patent On Topic Titled "A Method Of Text Mining In Ranking Of Pages Using Machine learning", Date Of Filing Of Application 17th March 2021 Publication Date 19th May 2021 Application No. Patent Number: 2021100441

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Events Organized:**FDPs/STTPs:**

1. Organized Online FDP on “Cyber attacks and Digital forensics” as a Co-coordinator Speaker:Sai Satish,founder and CEO of Indian servers on 20th-24th july,2020
2. Organized a webinar on “How to crack UPSC” on 29-09-2020.
3. Organized Online webinar on” Automation of software testing with open source tools”:N.Anil Kumar, Architect Engineer,Virtusa as a Speaker on 04/07/2020
4. Organized Two-Day Workshop on “Data Analytics”:Mr.Naveen & Mr.Prashanth kodali as a Speaker on Feb 28th-29th,2020

Events Attended:**FDPs/STTPs:**

1. Attended Completed AICTE Training and Learning (ATAL) academy Online FDP on the course “ Block chain” organized by Chaitanya bharathi institute of technology from 4th January to 8th January 2021.
2. Attended Joint winter TWO WEEK FDP on “Machine Learning for computer vision” ,by ICT Academy &IIT kharagpur from 29.06.2020 to 08.07.2020.
3. Attended One Week FDP on “Cyber Security”Organized by Dept.of CSE,MGIT from 7th-12th,July 2020.
4. Attended Five Day National Level FDP on”Machine Learning with Web Development” Organized byDept.of CSE, GNIT-in Association with Codegnan IT Solutions Pvt.Ltd.,During 6th july to 10th july 2020
5. Attended One Week FDP on” Ethical Hacking and Data Security” organized by Department of IT,MGIT During 27th-31st July 2020.
6. Attended Online faculty development programme (FDP) on” Machine Learning and Deep Learning for Real time Applications” Organized by E & ICT Academy, National Institute of Technology, Warangal during 10th – 17th August, 2020.
7. Attended Two week National level online FDP Phas-1 on”ML&AI in Data Science from Nov 23rd to 3rd Dec 2020.organized by dept.of CSE ,PACE institute of technology,Ongole.
8. Attended One week FDP on “LaTEX” Organized by Sanjay Ghodhawat University Kolhapur in Association With spoken tutorial IIT Bombay During 27/04/2020 to 02/05/2020.
9. Attended One week FDP on” Linux foundation & Implementation of Data structures” organized by Dept.of.CSE, VNRVJIT in Collaboration with CSI, Hyd during 11th-16th,May 2020.
10. Attended National level 3-Day FDP on online tools for "online classroom for post covid-19" organized by Codegnan IT Solutions Pvt.Ltd from 18th-20th,May 2020.
11. Attended National Level One week FDP on PHP&SQL, Organized by JNTUH, CEJ from 18-05-2020 to 23-05-2020.



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12. Attended Five Day FDP on “Introduction to Data Science” Organized by Codegnan IT Solutions Pvt.Ltd., solutions from 18th -22nd - May 2020.
13. Attended Online FDP on CCNA (Cisco Networking Academy) Organized by Dept.of .IT, MGIT during 22nd-27th, June 2020.
14. Attended AICTE Training and Learning (ATAL) academy for FDP on the course “IoT” organized by JNU, Newdelhi from 31st May-4th June 2020.
15. Attended One Week Faculty Development Programme on “Emerging Trends, Issues and Challenges in Big Data and Cloud Computing” Sponsored by TEQIP-II from 20th to 25th February, 2017, organized by CSE, CBIT.
16. Attended 1-week FDP on Avenues for Technology & Research in IOT” from 11th to 16th December, 2017 organized by IT, MGIT.
17. Attended One week FDP on “Data Analytics using R” from 20th to 25th March, 2017,
18. Attended One Week Faculty Development Programme on “Recent Trends in Digital Image and Video Processing” on 22nd to 27th February, 2016 at ECE Department, MGIT.
19. Attended One Week National Faculty Development Programme on “Algorithms” from 20th to 27th September, 2016 at CSE Department, JNTUH.
20. Attended FDP on “Introduction to Service Oriented Architecture and Cloud Computing” held on 15th November, 2014 at MGIT.
21. Attended AICTE Sponsored 6 Days Online STTP AI2ABI 2020 - Phase I 12.10.2020 to 17.10.2020 Department of Information Science and Engineering, CMR Institute of Technology.
22. Attended AICTE-AQIS sponsored STTP on “Artificial Intelligence & 5G Communication Technology” from October 26-31, 2020 Department of Electronics & Communication Poornima College of Engineering.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Two day online workshop on getting started with ML on IOT on 18th 19th September 2020 by codegnan IT solutions
2. Attended One week workshop on "IoT Fundamentals: Connecting Things “from 8th to 12th July, 2019. organised by IT, MGIT in association with CISCO Networking Academy.
3. Attended One week Workshop on “IoT Fundamentals: Connecting Things “from 8th to 12st July, 2019 at IT Department, MGIT.
4. Online Certification on Introduction to IoT (July 10, 2019) from CISCO
5. Attended Two Workshop on “Pattern recognition and Machine Learning” “from 30th to 31st May, 2019 at ECE Department, CBIT
6. Attended Workshop on “Adoption of Technology in Teaching and Learning “from 5th to 6st July, 2017 at IT Department, MGIT.
7. Attended UGC Sponsored Refresher Course on “Data Mining Techniques” from 17th October to 5th November, 2016 at JNTUH.

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8. Attended a Two day Workshop on “Cloud Computing” from 7th to 8th September, 2016 at CSE Department, CBIT.
9. Attended A Two Day Workshop on “Android Application Development” on 22nd& 23rd July, 2016 by Pantech Pro. at IT Department, MGIT.
10. Attended A One Day National Workshop on “Gender Sensitization” on 21st December, 2015 at MGIT.
11. Attended A Two Day Workshop on “Intelligence and Security Informatics” during 24th&25th July, 2015 at CBIT.
12. A Two Day Workshop on “Research & Teaching in Image processing & Pattern Recognition on 9-10 Nov, 2013 at IIIT, Hyderabad.

Webinars

1. Attended Webinar on Future skills for women, CMR engineering college IT dept 29/04/2020.
2. Attended Webinar Elets webinar on can COVID 19 SPUR education 4.0 !. 30/04/2020.
3. Participated in webinar on Natural Language Processing and Text Mining Thursday, 30 April 2020.
4. Participated in webinar on Faculty Program on NBA on 5/10/2020, with a passing score of 65% organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai .
5. Participated in webinar on Certification on world Intellectual Property Rights (IPR) Day Quiz-2020 Organized by Crescent Institute of technology.
6. Attended Webinar on Automation of software testing with open source tools organized by dept.IT,mgit on 4th July 2020.
7. Attended Webinar on Micro services Architecture using Java Technologies on 11th July 2020, Organized by Department of Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad
8. Attended Webinar on Microsoft Azure Cloud Technology organized by Dept.Of.IT, MGIT on july18th 2020.
9. Attended National Level Webinar on "Crafting Quality Research for Academic Excellence" On July 2020, organized by Department of CSE, MGIT.
10. Attended National Level Webinar on "Awareness webinar on outcome based and Accreditation(OBE&A)" On 25th Nov 2020, organized by JNTU,HYD.

Online Certifications:**NPTEL/ONLINE CERTIFICATION COURSE/COURSERA:**

1. Completed Online certification Course “CCNAv7” Introduction to Networks “through CISCO Networking Academy on 3rd Aug 2020.
2. Completed online certification on “Programming Foundations with JavaScript, HTML and CSS “on 05/08/2020 online course authorized by Duke University and offered through Coursera.



3. Completed Introduction to IOT course on 10th July 2019
4. Completed 4 weeks NPTEL course on -“Python for Data Science during Aug-sep-2019
5. Completed Coursera certification on “Programming for Everybody (Getting Started with Python)” on 04/29/2020 authorized by University of Michigan and offered through Coursera.

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