



Dr. K. Sreekala

Assistant Professor



Education Qualifications: Doctor of Philosophy (CSE)
Specialization: Grid Computing

ADDRESS:

- D – Block -Room No 001B

JNTUH ID:

2605-180703-133913

EMAIL:

ksrikala_cse@mgjt.ac.in

DATE OF JOINING:

01-08-2018

EXPERIENCE - 18 Years

- Teaching - 10
- Research -4
- Others – 4

SUMMARY:

- Publications - 15
- Conferences - 9
- Patents – 1
- Book Chapters – 1
- Author h-index-3
- Honors/Awards - 3

EVENTS:

- Organized - 1
- Attended - 40

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/srikala.keshetti>
- <https://www.linkedin.com/in/k-srikala-614189238/>

Membership of Professional Bodies:

1. Life Member of International Association of Engineers (IAENG), LM 259556.
2. Computer Science Teachers Association (CSTA), 198358001139
3. Internet Society (Life time member of Asia – Pacific Region- member of Chennai chapter)- member id – 2222221
4. I2OR (International institute of organized research)-member id-757

Responsibilities Held at Institution Level:

1. Coordinator, STRIDE, UGC Quality Initiative Program.
2. Stage Committee Member of Nirvana.

Responsibilities Held at Department Level:

1. Co-Ordinator for IV Year NPTEL Subjects till date.
2. Incharge of Patents and Publications Committee of the Department.
3. Member of E-Swetcha Team.
4. Member of Syllabus Framing Committee.
5. Organizer for few events in Qubit-Department Fest.

Honors/Awards Received:

1. Best presenter award in the International Conference ICRPCETC 2021 held at Coimbatore, Tamilnadu during November 2021.
2. Participated in Guinness World Record Event "AI for India 1.0" organized by GUVI, AICTE, N.E.A.T and Buddi.ai
3. Best Teacher Award by Pearson Education Services in 2015.

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** Machine Learning, Natural Language Processing, Design Patterns, Cyber Security and IT WorkShop.
2. **PG:** Software Project Management and Secure Software Engineering.

Publications:

1. Dr. Keshetti Sreekala, Vishal Das and Amulya V. " Human Imitation in Images and Videos using GANs" Grenze International Journal of Engineering and Technology, Grenze ID: 01.GIJET.8.1.10, 2022, IF: 4.235
2. Keshetti Sreekala and B.Indira . "Organizing IoT Health care based on FOG Computing: CORONA Tasks Scheduling based on the Priority" Advances and Applications in Mathematical Sciences, ISSN 0974-6803, Volume 20, Issue 12, 2021, Pages 3194-3204 (WoS, ESCI), IF: 1.68
3. Keshetti Sreekala . "Lineaments and Resultant Consequences, Potential Solvent of Latency and consumption of energy in IoT" Advances and Applications in Mathematical Sciences, ISSN 0974-6803, Volume 20, Issue 12, 2021, Pages 3219-3233(WoS, ESCI), IF:1.68

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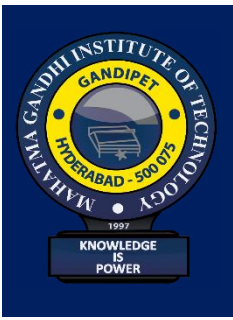
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4. Dr.K.Sreekala, Gaddala Mamatha. “ Plant leaf disease detection using deep learning and convolutional neural network” International Journal of Techno Engineering, ISSN 2057-5688, Volume 13, Issue 3, 2021, Pages 454-461, IF: 5.8
5. Dr.Keshetti Sreekala , A.S.Shalini. “ Data Classification with Deep Learning Using Tensor Flow” International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, Vol6, Issue:8S,2020, pp: 160-165,IF: 5.88
6. Dr. Keshetti Sreekala , R.Sai Kiran Reddy “ An Online Ticketing System using QR Code for Public Transport” Advanced Innovations in Computer Programming Languages, Volume 2 Issue 2,2020,pp:1-10, IF: 5.935
7. Keshetti Sreekala. “ Popularity Based Recommendation System” International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-9 Issue-3,2020,pp:1561-1566, IF:0.932
8. Dr. Keshetti Sreekala , Dr. M.Sreevani. “ Controlling Internet of Things based Home Appliances through Fog Computing” International Journal of Advanced Science and Technology, ISSN: 2005-4238,Vol. 29, No. 5,2020, pp. 7183-7190, IF:1.13
9. Dr.M.Sree Vani, Dr. Keshetti Sreekala. “ Can You Catch Me: Query Service For Location Preserving” International Journal of Advanced Science and Technology, ISSN: 2005-4238,Vol. 29, No. 6,2020, pp. 4506 – 4513, IF:1.13
10. K. Sreekala, K. Sree Mounika. “Spotting Skin Disorder using Template Matching” Annals. Computer Science Series. Vol 17, issue 2, 2019, pp:50-54, IF: 0.69
11. K. Sreekala, K. Sai Jeevan Reddy. “Transport Location Inference Drawing using Global Positioning System”, Annals. Computer Science Series. Vol 17, issue 2, 2019, pp:30-35, IF: 0.69
12. Dr.K.Sreekala, “ Flexible and Extensible Design Patterns of Software”, Indian Journal of Engineering and Sciences, ISSN:23191813, Vol1, Issue 1, 2019.
13. K. Sreekala and S. Ramachandram, “Constructing Directed Acyclic Graph of Independent Tasks using Deadlines for Scheduling”. Anale. Seria Informatică.Vol. XII fasc. 1 –2014, Annals.Computer Science Series. 12th Tome 1st Fasc.–2014. IF 0.712.
14. K. Sreekala and S. Ramachandram, “Scheduling of Workflow Applications based on width of the graph in grids (SWAWGG)”. Anale. Seria Informatică.Vol. XII fasc. 1 –2014, Annals.Computer Science Series. 12th Tome 1st Fasc.–2014.IF 0.712
15. K. Srikala & S. Ramachandram, “Fault Tolerant Scheduling of Partitioned and Grouped Jobs in Grid Computing (FTPG)”, Global Journal of Computer Science and Technology Cloud and Distributed, Online ISSN: 0975-4172, 2013, Volume 13 Issue 2.IF:1.2

Conferences:

1. Dr.K.Sreekala, K. Rajitha and D.Ganesh, “ Soldier Positioning and Health Monitoring System”, ICRPCETC International Conference on Research Practices of Cutting Edge Technologies in Computing, November 2021, ISBN:978-93-91977-06-1.
2. Dr.K.Sreekala, “Human face Emotion analysis using Convolutional Neural network”, ICRPCETC International Conference on Research Practices of Cutting Edge Technologies in Computing, November 2021, ISBN: 978-93-91977-06-1.
3. Dr.K.Sreekala, D.Ganesh , “Email Spam Filtering Using Naive Bayes Classifier”, RECENT ADVANCES IN TECHNOLOGY & ENGINEERING(CRATE), 2021, ISBN:978-93-90631-89-6

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4. Dr.K.Sreekala, Sri sai Sowmya, “ Marketing Channel Management Approach through Crime Data Analysis and Prediction”, MARKCON, 2021, ISBN: 978-81-949524-5-9
5. Dr.K.Sreekala, A. Nitish , “Criminal Face remembrance using Machine Learning Techniques”, RECENT ADVANCES IN TECHNOLOGY & ENGINEERING(CRATE), 2020, ISBN: 978-93-80831-42-8
6. K. Srikala and S. Ramachandram, “Fault Tolerant Scheduling of Workflows in Grid Computing Environment (FTSW)”. Communication Technologies (GCCT), 2015. IEEE Conference, Thuckalay, Page(s): 343 - 347, 23-24 April 2015.
7. K. Srikala and S. Ramachandram, “An Economic Resource Scheduling Strategy for Grid Computing Applications”. Proceedings of the second International Conference on Emerging Research in Computing, Information, Communication and Applications ERCICA, 2014, ISBN: 9789351072638.
8. K. Srikala and S. Ramachandram, “Job Partitioning and Group Scheduling Model in Grid Computing (JPGSM)”. Proceedings of International Conference on Emerging Research in Computing, Information, Communication and Applications ERCICA, 2013, ISBN: 9789351071020.
9. K. Srikala and S. Ramachandram, “Pre-emptive resource allocation in Grid Computing”. Information & Communication Technologies (ICT), 2013. IEEE Conference, JeJu Island , Page(s):240 – 243, 11-12 April 2013.

Patents:

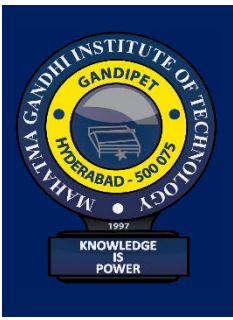
1. Patent on “An IoT based novel framework for monitoring behaviour of autism affected persons ” was published in August - 2020 along with Dr. B.Indira, Guda Vanitha and G.R. Rama Devi; No: 202041031963A

No. of Books/Chapter Published with details:

1. Published One Chapter on “Asynchronous E-Bidding Application” in the Book with ISBN: 978-93-3417-813-7 titled “Emerging Strategies for Sustainable Development- Global and Indian Context” by Srinivasa Publishers, August 2020.

Events Organized:**FDPs/STTPs:**

1. One Week online FDP on “Cyber Security” conducted by Dept. of CSE, Mahatma Gandhi Institute of Technology, Hyderabad from 7th to 12th July,2020.



Events Attended

FDPs/STTPs:

S.No.	Programme	Duration	Organized by
1	PHP and My SQL	1 week	JNTUHCEJ, IIT- Bombay
2	Internet of Things and Artificial Intelligence	1 week	KL University, Guntur
3	Multimedia and drawing	2 weeks	IIT <u>bombay</u> , GFGC Karnataka
4	Python Programming	1 week	IIT Bombay and GCW Kolar
5	Cyber Security	1 week	<u>Sreyas</u> institute of <u>engineering</u> , Hyderabad.
6	ICT tools	1 week	<u>Saveetha</u> engineering college
7	Introduction to Internet of Things	1.5 weeks	NPTEL, MHRD
8	Data Science using Python	1.5 weeks	<u>Amritha</u> College of engineering
9	Role of ML and DS in ML	1 week	MGIT
10	Python	2 weeks	JSS <u>Mahavidyapeetha</u> in association with IIT, Bombay
11	R and R-Studio	2 weeks	Cambridge Institute of Technology in association with IIT, Bombay
12	IoT	2 weeks	Vikas college of engineering and <u>Technology</u> , Vijayawada
13	ICT Tools	2 weeks	<u>Saveetha</u> College of Engineering
14	Cyber Security	1 week	MGIT and CBIT in association with <u>Supraja</u> Technologies
15	Yoga - A Science of Breath and Meditation for Subtle Energy Channeling	1 week	MGIT

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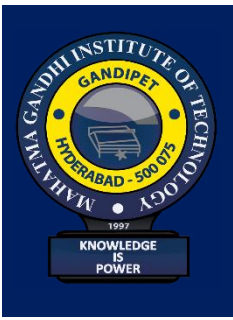
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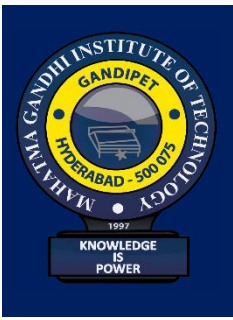
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16	Evolution of IoT and its real time applications	1 week	MRITS
17	Cyber Security and Digital Forensics	1 week	MGIT
18	Ethical hacking and Data Security	1 week	MGIT
19	Data Science	3.5 weeks	TASK in association with <u>Excelr</u>
20	<u>BigData</u> and Hadoop	1 week	IPS <u>Academy</u> , RGPV
21	Deep Learning using Python	1 week	Dept of IT, MGIT
22	Python programming	1 week	SA Techno solutions, <u>chennai</u>
23	The role of a teacher in nation building	1 week	Keshav Memorial Institute of Commerce and Sciences
24	Data Science and its applications in STEM	2 weeks	JNTUK
25	Data <u>Scince</u> using Python	2 weeks	Shri Vishnu Engineering College for Women, <u>Bhimavaram</u>
26	Fundamentals of Artificial Intelligence	1.5 weeks	SWAYAM-NPTEL



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27	MLDL	1.5 weeks	NIT Warangal
28	Research Perspectives on <u>AI,ML</u> , Data Science and IoT	3 weeks	KLU
29	Design of Soft Computing based Machine Learning Models	1 week	Panipat Institute of Engineering and Technology
30	Arduino	1 week	S.K.N. SINHGAD COLLEGE OF ENGINEERING, SOLAPUR UNIVERSITY
31	Multi Technology	1 week	Sridevi Women's Engineering College and Brain-O-Vision Solutions India Pvt. Ltd
32	Physical Layer Techniques for 5G Technology	1 week	Narayana Engineering College, <u>Gudur</u>
33	Data Science	2 weeks	<u>Meity</u> and IIT Kanpur
34	a2z of NBA Accreditation Process	2 weeks	<u>Inderprastha</u> Engineering College, Ghaziabad.
35	Learning Analytic Tools	1.5 weeks	SWAYAM-NPTEL
36	Next Generation Wireless Technologies: 5G and beyond	1 week	Indo Global College of Engineering, <u>Abhipur</u> , New Chandigarh

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

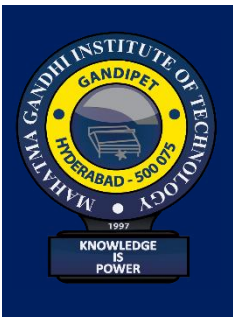
1. Refresher Course on IoT Boot Camp organized by C-DAC , Hyderabad from 8-5-2020 to 30-6-2020.
2. Refresher Course on Data Science by ExcelR Solutions, Bangalore from 1-7-2020 to 24-7-2020.

Online Certifications:

1. Received around 40 certifications in the Emerging Areas like Artificial Intelligence, Cyber Security, Machine Learning, Natural Language Processing, IoT by Coursera, SoloLearn and NPTEL.
2. Completed two specializations Emerging Technologies: From Smartphones to IoT to Big Data and Machine Learning offered by Coursera.

Any Other Contribution:

1. Topper of NPTEL Course, Artificial Intelligence in July to December 2020.
2. Top performing mentor for NPTEL Students in July to Dec 2020 for the subject Data Science for engineers.
3. Reviewer for International Conference ICACECS 2021, Organized by VNR VJIET, Hyderabad.



4. Reviewer for International Conference ICACECS 2020, Organized by VNR VJIET, Hyderabad.
5. Life Member of RedCross Society.
6. Participated in Social Service activities held at MGIT.
7. Participated in UBA Activity.
8. Contributed at the institute level for providing Autonomous Data of the Department.

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