Personal Information

Name	D Swapna
Years of Experience	Teaching: 16 Years Research: NIL Industry: NIL
Email Id	swapna.d@bvrithyderabad.edu.in
Areas of Specialization	Computer Networks

*Date of Joining:*15-06-2015

Educational Qualifications

Doctoral Degree	(Ph.D)	CSE–Computer Networks, Network Security & Wireless Networks
PG Degree	M.Tech.(IT)	Information Technology
UG Degree	B.Tech(CSE)	Computer Science and Engineering

Patent Filed

1. D Swapna, et al "REAL-TIME PARKING SPACE PREDICTION SYSTEM", published in The Patent Office Journal No. 44/2020,Application number: 202041045574 A, Dated: 30th October, 2020.

Books Publishes / Book Chapters / Monographs: Nil

Papers Published

International Journal Publications

<u>2020-2021</u>

1. D Swapna,Krithika,Mohammed Mubeena,Shaik Reshma "Green Sleep Scheduling of Servers for Cloud Data Center" in Scopus Indexred Journal of Critical Reviews ISSN- 2394-5125, Volume 7 Issue 19 , 2020.

2. S Varsha,D Swapna,N Mounika,V Supraja "Secure Authentication Scheme using mobile-otp generation" in International Journal of Engineering Development and Research ISSN: 2321-9939, Volume 8, Issue 3,2020.

2018-2019

1. Ms.P.S.Latha Kalyampudi ,Dr. P Srinivasa Rao ,Ms D Swapna "An Efficient Digit Recognition System with an Improved Preprocessing Technique" in Springer ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management.

2017-2018

1. Dr M Shanmukhi,D Swapna,E G Padmavathi "Energy Efficient Hybrid Cluster Based Protocol For WSN" in International Journal of Pure and Applied Mathematics ISSN: 1314-3395 (on-line version), Volume 119 No. 14, 2018.

2. D Swapna,"A Review on Data Aggregation Protocols for Wireless Sensor Networks" in International Journal of Electronics, Electrical and computational System ISSN 2348-117X, Volume 7, Issue 3, March-2018.

3. D Swapna, G.Divya, K.Sudheeshna, S.Vinitha,"Heuristic Algorithm for Wireless Sensor Networks with Mobile Sinks to Avoid Obstacles" in International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616, Volume 7, Issue 3, March-2018.

4. D Swapna, I Madhuroopa,D Alekhya,G Gayathri,"Advanced Swarm Intelligence ACO Routing Technique in WSN with Optimal Data Selection" in International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616, Volume 7,Issue 3, March-2018.

5. D Swapna , D.V.S.L. Durga Valli Devi , A.Lakshmi Prasanna, G. Anju Sree,"A Novel Path Inference Approach to Reconstruct Routing Paths in Wireless Sensor Networks" in International Journal of Research e-ISSN: 2348-6848 p-ISSN: 2348-795X, Volume 05 Issue 07, 2018.

2016-2017

1. D Swapna,P Hima Bindu,P Sri Ramya,A Siri Chandana,"Implementation of Algorithm for Finding Top-k High Utility Item sets" in International Journal of Advance Engineering and Research Development, e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406 Volume-4, Issue-3, March-2017.

2. D Swapna, K Sai Sudha,V Sahithi, R Swetha,"A Reliable Data Sharing Approach for Dynamic Groups in Cloud" in International Journal of Research p-I SSN: 2348 -6848,e-I SSN: 2348-795X, Volume-4, Issue-3, March-2017.

International Conference Publications

1. Paper on "The Preeminence of Fog Computing and IoT enabled Cloud Systems in Health care" published in IEEE Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021) , ISBN:978-0-7381-1182-7.

2. Paper on "Advanced Swarm Intelligence ACO Routing Technique in WSN with Optimal Data Selection" in International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018), Osmania University Campus, Hyderabad on 25th March,2018, ISBN: 978-93-87433-18-2.

3. Paper on "Heuristic Algorithm for Wireless Sensor Networks with Mobile Sinks to Avoid Obstacles" in International Conference on Innovative Research in Engineering, Science, Management and Humanities(ICIRESMH-2018), The Institution of Engineers India, Visvesvaraya Bhavan, Hyderabad on 18th March 2018, ISBN: 978-93-87433-16-8.

4. Paper on "A Review on Data Aggregation Protocols for Wireless Sensor Networks" in International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2018), Indian Council of Social Science Research , North West Regional Centre, Punjab University Campus Chandigarh, on 11th March,2018, ISBN: 978-93-87433-14-4.

5. Paper on "Artificial Acumen–Swarm Intelligence" in International Conference organized by Iraj Research Forum in association with Institute of Research And Journals , Chennai on 23rd February 2014, ISBN: 978-93-82702-60-3.

National Conference Publications:Nil

FDP's Attended / Conducted:

1. ATAL FDP on "Cyber Security" organized by Dr. M.G.R. Educational and Research Institute from 4th to 8th January 2021.
2. AICTE STTP on "Machine and deep learning techniques to develop Artificial Intelligence Applications using Python" organized by VNR VJIET Hyderabad from 14th to 19th December 2020.
3. One Week Online Faculty Development Program on "Simulation and Modeling of Data Communications & Networks" organized by Mahatma Gandhi Institute of Technology in association with TASK from 27th to 31st July 2020.
4. 5-Day National Level Faculty Development Program on "Recent Trends in Computer Science" organized by RGMCET Nandyal from 30th June to 4th July 2020.

5. One Week Faculty Development Program on "R Programming" organized by Sridevi Womens Engineering College in association with Spoken Tutorial IIT-Bombay from 29th June to 3rd July 2020.

6. National Level One Week Faculty Development Program on "IT Industry Real-Time Tools" organized by BHRAT Institute of Engineering and Technology from 29th June to 3rd July 2020.

7. One Week Faculty Development Program on "Embracing the Creative side of Teaching and Learning Methods" organized by RMK College of Engineering and Technology from 29th June to 3rd July 2020.

8. One Week Faculty Development Program on "Role of Machine Learning & Data Sciences in AI" organized by Mahatma Gandhi Institute of Technology from 28th June to 2nd July 2020.

9. One Week National Level Online Faculty Development Program on "Recent Advancements in Artificial Intelligence" organized by Shri Vishnu Engineering College for Women from 23rd to 27th June 2020.

10. "Swotting of Digital Tools for Effective Online Teaching" from 22nd to 26th June 2020.

11. One Week Online Faculty Development Program on "Blockchain & Cyber Security:A unique fusion to untangle present-day cyber security challenges" organized by Andhra University College of Engineering (A) under ISEA Project,MEITY-Government of India from 22nd to 26th June 2020.

12. International Level One Week Faculty Development Program on "Advanced Data science and Applications" organized by BVRIT HYDERABAD College of Engineering for Women from 22nd to 26th June 2020.

13. Faculty Development Program on "Deep Dive into Emerging Technologies like Cloud,AI,ML & Data Analysis" organized by Vaageswari College of Engineering from 22nd to 26th June 2020.

14. 5-Day Faculty Development Program on "Cutting Edge Technological Development in Information and Communication Engineering" organized by BHRAT Institute of Engineering and Technology from 22nd to 26th June 2020.

15. 5-Day Faculty Development Program on "Research Trends in Image Processing" organized by GATES Institute of Technology from 15th to 19th June 2020.

16. One Week Online Faculty Development Program on "Blockchain & It's Applications" organized by GMRIT in collaboration with Brainovision solutions India Pvt. Ltd from 10th to 15th June 2020.

17. 5-Day-National Level Online Faculty Development Program on "PERL SCRIPTING" organized by LORDS Institute of Engineering & Technology in association with Spoken Tutorial Project, IIT Bombay from 10th to 14th June 2020.

18. 5-Day Faculty Development Program on "Cyber Security" organized by Malla Reddy Engineering College for Women from 10th to 14th June 2020.

19. One Week Faculty Development Program on "Perspectives of Online Teaching and Learning" organized by GRIET from 8th to 13th June 2020.

20. 5-Day Online Faculty Development Program on "Innovative Trends in Data Analytics with AI" presented by Codegnan IT Solutions in association with Malineni Lakshmaiah Women's Engineering College from 26th to 30th May 2020.

21. One Week National Level Online Faculty Development Program on "Introduction to Artificial Intelligence and Machine Learning" organized by Geethanjali College of

Engineering and Technology in association with CSI-Hyderabad from 25th to 30th May 2020.

22. One Week National Level Faculty Development Program on "ICT Tools in Education Using MOODLE" organized by Internal Quality Assurance Cell (IQAC) in association with PACE Institute of Technology and Sciences from 22nd to 26th May 2020.

23. 5-Day-National Level Online Faculty Development Program on "Artificial Intelligence" organized by BVRIT HYDERABAD College of Engineering for Women in association with NYCI & Brainovision solutions India Pvt. Ltd from 22nd to 26th May 2020.

24. 5-Day Online Faculty Development Program on "Advanced Python Programming using Django" organized by Malineni Lakshmaiah Women's Engineering College in association with Data Point Solutions, Hyderabad from 21st to 25th May 2020.

25. IAAC One Week International Faculty Development Program on "Online Teaching Tools for Trainers" organized by International Association of academic plus Corporate society from 18th to 24th May 2020.

26. One Week Faculty Development Program on "PHP & MYSQL" organized by JNTUH College of Engineering, Jagtial in association with Spoken Tutorial Project, IIT Bombay from 18th to 23rd May 2020.

27. One Week National Faculty Development Program and Online Training on "LaTeX" organized by Sanjay Ghodawat University,Kolhapur in association with Spoken Tutorial Project, IIT Bombay from 27th April to 2nd May 2020.

28. One day workshop on "Progression" on 17th December 2019 at BVRIT HYDERABAD College of engineering for Women.

29. Three days workshop on "Inspire Impact Introspect Level 1" from 9th to 11th September 2019 at VEDIC.

30. Three days workshop on "Professional Etiquette & Emotional Intelligence" from 8th to 10th July 2019 at BVRIT HYDERABAD College of engineering for Women.

31. One day workshop on "Unconscious Bias at Workplace" on 8th February 2019 at BVRIT HYDERABAD College of engineering for Women.

32. One day workshop on "Think-Technology-Transform" on 21st June 2018 at BVRIT HYDERABAD College of engineering for Women.

33. Three days workshop on "E-Lab Coordinators" from 22nd to 24th February 2018 at VEDIC.

34. Two days workshop on "E-Lab" from 6th to 7th September 2017 at BVRIT HYDERABAD College of Engineering for Women.

35. One Week Faculty Development Program on "Ruby" in collaboration with Spoken Tutorial Project, IIT Bombay from 29th June to 5th July 2017 at BVRIT HYDERABAD College of Engineering for women.   .

36. One Week Faculty Development Program on "Data science and Big Data Analytics" in collaboration with NIT, Warangal from 6th to 11th March 2017 at BVRIT Hyderabad College of Engineering for Women.

37. One Week Faculty Development Program on "Python, Scilab, Drupal" in collaboration with Spoken Tutorial Project, IIT Bombay from 04th to 10th November 2016 at BVRIT Hyderabad College of Engineering for Women.

38. Three days workshop on "Advanced Engineering Optimization Through Intelligent Techniques" from 21st to 22nd October 2016 at VEDIC.

39. Three days workshop on "Scientific Educational Practices" from 8th to 10th August 2016 at VEDIC.

40. Two days Faculty Development Program with collaboration of "IBM Bluemix" from 2nd to 3rd December 2015 at BVRIT Narsapur.

41. Five days Faculty Development Program on "Associate Analytics & Security Analyst Master Training Program" from 21st to 25th November 2015 conducted jointly by JNTUH, NASSCOM & TASK at School of IT JNTUH.

Professional Memberships:Nil

Any Other Achievements

1. Qualified in "Telangana State Eligibility Test (TS-SET)" conducted by OsmaniaUniversity,

   Hyderabad in June'2017.

2. Qualified in "Faculty Eligibility Test (FET)" conducted by Jawaharlal Nehru Technological University, Hyderabad in December'2010.

Online Quiz's:

1. PHP by MRIET,Hyderabad on 21st May 2020.
2. Artificial Intelligence and Its sub areas in fighting COVID-19 Pandemic by KITS,Karimnagar on 11th May 2020
3. Teaching Methods and Strategies by MLRIT,Hyderabad on 31st May 2020
4. Research Methodolgy by VV Institute ,Gudlavalleru.

Certifications:

1. Programming for Everybody (Python) on 28th May 2020 by Coursera.
2. Wireless Communications for Everybody on 24th May 2020 by Coursera.
3. AI for Everyone on 1st May 2020 by Coursera.
4. Diploma in Machine Learning with R studio on 29th April 2020 by Alison.
5. Machine Learning with R on 25th April 2020 by IBM Cognitive.
6. Machine Learning with Python on 20th April 2020 by IBM Cognitive.
7. Foundational Artificial Intelligence on 16th April 2020 by SkillUp Online.
8. Statistics 101 on 15th April 2020 by IBM Cognitive.
9. Data Visualization with Python on 14th April 2020 by IBM Cognitive.

10. Python 101 for Data Science on 11th April 2020 by IBM Cognitive.
11. Wireless Adhoc and Sensor Networks, February-March 2018 organized by NPTEL IIT Kharagpur.
12. Cloud Computing, August-October 2017 organized by NPTEL IIT Kharagpur.
13. Introduction to Research, July-September 2017 organized by NPTEL IIT Madras.
14. Java Programming, 31st March 2017by Oracle Academy.
15. Java Fundamentals, 31st March 2017by Oracle Academy.
16. Introduction to Operating Systems, July-September 2016 organized by NPTEL IIT Madras.
17. LATEX, 20th September 2016 by Spoken Tutorial Project IIT Bombay.