



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT


Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Accredited by NBA, New Delhi

CURRICULUM VITAE

Faculty Name	K R SURABHI	
Academic Designation	Assistant Professor	
Educational Qualification	B. E, M.Tech	
Experience in Years	8	
Area of Interest	Network and Internet	
Date of Birth	10th April	
Email ID	kr.surabhi@dsatm.edu.in	

Educational Details

- M.Tech: in Network and Internet Engineering, VTU, JNNCE, 2013.
- B.E: in Computer Science and Engineering, VTU, JNNCE, 2011.

Personal Details

- Date of Birth: 10th April
- Hobbies: Craft making
- Languages Known: Kannada, English, Hindi

Professional Experience

- Working as Assistant Professor in DSATM from 20-07-2017 to till date.

Patent Published with All Details

- International Patent on: CROP GROWTH MONITERING SYSTEM,
(Application No. 20224102766 A)

Certifications

- **Completed Infosys Springboard courses on Python Programming**
 - Programming Fundamentals using Python – Part 1
 - Programming Fundamentals using Python – Part 2
 - Introduction to Python
- **Completed Udemy course on C++ Tutorial for complete Beginners on July 29th, 2019.**
- **Completed Udemy course on Python for absolute Beginners on July 29th, 2019.**

Publications

International Journals:

- Published Journal paper on “Survey on Location Privacy in Participatory Sensing

Applications”, International journal of Scientific Research and Engineering Trends, in volume 06, Issue 02, Mar-Apr-2020, Page 575-577.

- Published Journal paper on **“Enhanced Stroke width transform to detect text regions in Natural Scene Images”** in IJARSE held on 23rd & 24th April 2018 at REVA University

International Conferences:

- “Certain Electroencephalography Signal Analysis for Artifact Removal Using Multiwavelet Transform” in Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) held on 16-17 December 2022 at DSATM, Bangalore.
- “Enhanced Stroke width transform to detect text regions in Natural Scene Images” in 13th **International Conference** on Recent Trends in Engineering Science and Management 2018 held on 23rd & 24th April 2018 at REVA University.

National Conferences:

- “Permacoin: Repurposing Bitcoin Work for Data Preservation in 4th NCCSTM-2018 held at DSATM, Bangalore.
- “Cloud Network Federation to Fog Computing Infrastructures” in 3rd NCCSTM-2017 held at DSATM, Bangalore.
- “Map reduce Framework in Feedback Analysis using Big Data Tools” in 3rd NCCSTM- 2017 held at DSATM, Bangalore.
- “Water filling algorithm-based spectrum sharing for cognitive radio” in 6th IETE National Conference on RF and Wireless held at JNN College of Engineering, Shimoga.

Workshop Attended

- Attended Online Technical session on the “New age Technologies” on 28-03-2023 to 01-04-2023 Organized by SCOPE, VIT-AP University, Amaravathi.
- Attended Online Technical session on the “Introduction to inaRISK API: An Indonesian Public Natural Disaster Data on 10-02-2023.
- Attended Online Technical session on the “The Role of Culture and Human Factors on Technology Through the 5th Wave Theory” on 08-02-2023.
- Attended Webinar on “National Intellectual Property Awareness Mission” conducted by DSATM on 17th August 2022.
- 5 Days Workshop on “Empowerment of Agriculture Using Modern Technology” organized by Sri Sairam College of Engineering, in association with Vision Group on Science and

Technology (VGST) during 23rd -27th May 2022.

- One-week online FDP on “Social Connect and responsibilities” organized by VTU-HRDC, AICTE- VTU joint teachers programme between 07th and 11th March 2022.
- One-week online FDP on “Universal Human Values- an overview” organized by VTU-HRDC, AICTE- VTU joint teachers programme between 02nd and 06th March 2022.
- One-week online FDP on “An Overview of Teaching Techniques in Mathematics Laboratory Using Python Programming” organized by VTU-HRDC, AICTE- VTU joint teachers programme between 21st and 25th February 2022.
- Attended Webinar on “Artificial Intelligence & its uses in daily life” conducted by Imarticus Learning organized by Vivekananda Institute of technology on 26th July 2020.
- Attended Webinar on “Insight into Artificial Intelligence & Machine Learning” organized by Vivekananda Institute of technology in association with Imarticus Learning on 26th July 2020.
- Attended Two days National level webinar on “personality development” organized by Vivekananda Institute of technology in association with CICC-VKIT from 10th July to 11th July 2020.
- Attended Webinar on “Research Frontiers in Intelligent Computing” conducted by BMS Institute of Technology, Bangalore, from June 25th to July 3rd 2020.
- Attended Webinar on “Application of Computers in Design Automation for Handloom and Power Looms in Woven Textiles” organized by IEEE Computer Society, RVCE Student Chapter on 27th June 2020.
- Attended Webinar on “Funding Opportunities for Product Development” conducted by ATAL Incubation Centre- Jyothy Institute of Technology Foundation on 19th June 2020.
- Attended Webinar on “Intellectual Property Right” conducted by ATAL Incubation Centre- Jyothy Institute of Technology Foundation on 13th June 2020.
- Attended 6-days Workshop on The Hague India Cyber Security Summer School. At MSRIT from 02nd to 07th June 2019.
- Attended workshop on NI Lab VIEW myRIO Course from 13th to 17th Oct 2018 at DSATM, Bangalore.
- Attended workshop on NI Lab VIEW “Data Acquisition using myDAQ” Course from 26th to 31st July 2018 at DSATM, Bangalore.
- Attended Workshop on OBE Practices on 18th-20th June 2018 at DSATM, Bangalore.
- Attended training on NI Lab VIEW Core 1 & Core 2 Course from 8th to 13th June 2018 at DSATM, Bangalore.
- Attended 3 Days NBA workshop-2017 held on 11th -13th Dec, 2017 at DSATM, Bengaluru.
- Attended a Workshop on Cisco Networking & Cyber Security on 6th Sep 2017 at DSATM, Bangalore.

Faculty Development Activity/Workshops

- Attended Online Teachers Training Program on the “Introduction to Web Programming and its applications” on 27-03-2023 to 31-03-2023 Organized by VTU, Center of PG Studies, Muddenahalli, Chikkaballapur (Dist).
- Attended Online Teachers Training Program on the “Introduction to Python Programming and its applications” on 13-03-2023 to 17-03-2023 Organized by VTU, Center of PG Studies, Muddenahalli, Chikkaballapur (Dist).
- Participated in Faculty Immersion Program (FIP) on Pedagogical Approaches help from 1st & 4th to 7th of April 2022/ 8th to 12th April 2022 at Dayananda Sagar Academy of Technology & Management, Bengaluru.
- Attended 5-days FDP on “Big Data Analytics Using Spark and Scala”, held between 27th July to 2nd August, 2020, organized by Reva University.
- Attended 5-days FDP on “Deep Learning and Natural Language Processing using modern Tools”, held between 21st July to 25th July , 2020, organized by Bangalore Institute of Technology.
- Attended 5-days FDP on “IOT and Cloud Applications”. At DSATM from 06th July to July 10th, 2020.
- Attended 5-days FDP on “Cyber Security”, held on 19th & 21st to 25th June, 2020, organized by BMS Institute of Technology and Management, Bangalore.
- Attended 5-days FDP on “Big Data Management: An End-to End Perspective”, held on 15th to 19th June, 2020, organized by M S Ramaiah Institute of Technology, Bangalore.
- Attended 5-days FDP on “Python Programming”, held on 5th June to 11th June, 2020, organized by Government College for Women, Kolar, in association with Spoken Tutorial, IIT Bombay.
- Attended “2020 Faculty Development Program on NAAC Accreditation Assessment: Mastering Criteria 1-to-7” at 30-05-2020, organized by Nirmal Integrated Consultancy (Team-NIC).
- Attended 5-days FDP on “Blockchain Core”. At DSATM from 28th Jan to Feb 1st, 2020.
- Attended 5-days FDP on “Blockchain Technology-2019”. At DSATM from 28th June to July 2nd, 2019.
- Attended 5-days FDP on “Big Data Analytics Using Hadoop-2019”. At DSU from 16th Jan to 20th, 2019.
- Attended FDP on Machine Learning Using Python on July 16th to 20th 2018 at DSATM, Bangalore.
- Attended FDP on Cyber Security on 15th & 16th May 2018 at Cognizant, Bangalore.
- Attended 2-days FDP on Cyber Security-2018. At Cognizant from 15th to 16th Jan, 2018
- Attended 6-days FDP on Advance Machine Learning Algorithms -2018. At GAT from 18th to 24th Jan, 2018

- Attended 5-days FDP on Data Science using Python -2018. At DSATM from 8th to 12th Jan 2018.

Academic Activity

- Department Placement Coordinator from 2022
- NAAC Institution Level Main Coordinator from June 2019
- Technical Support for the First IEEE International Conference ICATIECE-2019 conducted by DSATM on 19th and 20th March 2019
- Coordinator for the National Conference NCCSTM-2019 conducted on May 10th, 2019
- Worked as Magazine Coordinator from Aug- 2018 to Aug -2019
- Coordinator for TEQIP Sponsored 5 Days Training Program on OBE and NBA Accreditation program. On 23rd to 28th Dec 2019
- Worked as Newsletter Coordinator from Aug- 2018 to Aug -2019
- Worked as WEB Coordinator from Aug- 2018 to Aug -2019
- Department Conference Coordinator -NCCSTM-2019

ACHIEVEMENTS

- **Faculty Exchange Program, Visited Yarsi University, Jakarta, Indonesia.**
- On Universitas Yarsi 56th birthday, The Global Art Workshop was steered on two different sessions Paper Quilling workshop on 17-03-2023 and Rangoli workshop on 31-03-2023.
- Guest lecture was delivered on “Cultural Experiences of Foreigners in Indonesia” for the department of Psychology on 20-03-2023.
- Guest lecture delivered on “Website promotion and library websites in India” for the department of Informatics and Library Science on 05-04-2023.

K R Surabhi

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