Dayananda Sagar University
School of Engineering
Department of Computer Science and Engineering (Data Science)
Faculty Achievements

2023 - 2024

Dr. Shaila S G
Professor and Chairperson
Department of CSE (Data Science)

Resource Person

Dr. Shaila S G, Professor and Chairperson, Department of CSE (Data Science) was the resource person for the Faculty Development Program on "SPSS for Health Professionals" from February8,2024 to February10,2024 organised by College of Nursing Sciences, Dayananda Sagar University.

Achievements

• Selected as Galactic Problem Solver for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA during 7thOctober2023 and 8thOctober2023.

• Participated in "CoreEL Edu Summit 2023" on Powering AI System Simulation in collaboration with MathWorks & AMD-Xilinx held on 28thNovember2023.

• Presented a Tech Talk on ALTAIR DATA SCIENCE DAY organised by Altair, Bangalore on 2ndNovember2023.

Publications

• Shaila SG, Siddharth Sargunaraj, Sumana SG, Monish L, Rajesh TM (Accepted) – "Video Analytics based Action Recognition using 3D and R(2+1)D Convolutional Neural Networks" in International Conference on Advances in Computational Intelligence (ICACI-2023), Springer.

• Monish L, Shaila SG, Monika US, Sumana SG (Accepted) – "Emotion Recognition based on the Fusion of EEG-ECG Data using Ensemble Algorithms" in International Conference on Advances in Computational Intelligence (ICACI-2023), Springer.

• Gurudas VR, Shaila SG, Joycelita Dias, Monish L, Sumana SG (Accepted) – "Multi-Region Breast Cancer Detection: Leveraging Deep Learning for Texture and Shape Feature Analysis" in International Conference on Advances in Computational Intelligence (ICACI-2023), Springer.

• VR Gurudas, SG Shaila, A Vadivel – "Morphological and Textural Data Fusion for Breast Cancer Classification Based on Inter and Intra group Variances." *International Journal of Intelligent Engineering & Systems*, Vol.17(3), 1stMay2024.

• SG Sumana, Yerva Manjula, SG Shaila, K Srinivas, S Vinuth Gowda – "Complex Facial Expression Analysis and Recognition using Deep Networks," *2024 International Conference on Inventive Computation Technologies (ICICT)*, Lalitpur, Nepal, 2024, pp.563–567, doi:10.1109/ICICT60155.2024.10545002.

• M Manjula, Kakoli Bora, SG Shaila, Skanda N Raj, R Thilak, Akanksha Kanchireddy – "Enhancing Data Privacy through a Secure Data Hiding Approach Integrated with Lossless Compression," *2024 International Conference on Inventive Computation Technologies (ICICT)*, Lalitpur, Nepal, 2024, pp.1465–1470, doi:10.1109/ICICT60155.2024.10544914.

Dr. Kakoli Bora
Associate Professor
Department of CSE (Data Science)

Achievements

- Attended a "15 Best Practices Meet 2023" on 22nd August 2023, organised by IIIT- Bangalore and DSCI.

Prof. Shivamma D
Assistant Professor
Department of CSE (Data Science)

Resource Person

Ms. Shivamma D, Assistant Professor, Department of CSE (Data Science) was the resource person for the Faculty Development Program on "SPSS for Health Professionals" from February8,2024 to February10,2024 organised by College of Nursing Sciences, Dayananda Sagar University.

Achievements

• Achieved certification in "Micro-Certification - Welcome to ServiceNow" and earned 5 badges in ServiceNow on 5thAugust2023.

• Certified as an Academic Instructor to deliver the Application Development Fundamentals at ServiceNow on 26thOctober2023.

• Selected as Galactic Local Mentor, Galactic Problem Solver, Local Award Winner and Global Nominee for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA during 7thOctober2023 and 8thOctober2023.

• Participated in "CoreEL Edu Summit 2023" on Powering AI System Simulation in collaboration with MathWorks & AMD-Xilinx held on 28thNovember2023.

• Completed the course on MATLAB Onramp organised by MathWorks on 4thDecember2023.

• Participated in 5-Day Faculty Development Program on "Building Advanced Data Analytics Application with Cloud" organised by EY, AICTE, and Edunet under the Next Gen Employability Program from 11thDecember2023 to 15thDecember2023.

• Participated in the workshop on "Google Cloud Best of Next 2024" organised by Google on 30thApril2024.

• Completed certification on "Python for Data Science" organised by SWAYAM NPTEL IITK in April2024.

• Nominated and completed the Faculty Enablement Program on "Artificial Intelligence" organized by Infosys Springboard from 24thJune to 28thJune2024.

• Completed certifications on Artificial Intelligence Foundation (27thJune2024) and Artificial Intelligence Primer (28thJune2024) organized by Infosys Springboard.

• Completed the courses on Introduction to Data Science, Artificial Intelligence, Natural Language Processing, Deep Learning, Robotic Process Automation, and Computer Vision as part of the Infosys Springboard Faculty Enablement Program on AI from 24thJune to 28thJune2024.

• Completed certifications and earned badges on:

- "Data Nuts & Bolts: Fundamentals of Data" – 27thMay2024
- "Learning Full Stack Development" – 28thMay2024
- "Data Structures & Algorithms in Python: Implementing Sorting Algorithms" – 29thMay2024
  (Organised by Infosys Springboard and Skillsoft)

Reviewer

• Reviewer for AICTE Sponsored IEEE International Conference on "Networks, Multimedia and Information Technology (NMITCON)" organised by Nitte Meenakshi Institute of Technology, Bengaluru on 1st and 2ndSeptember2023.

• Reviewer for International Conference on "Evolutionary Algorithms and Soft Computing Techniques" organised by RVITM, Bengaluru on 20th and 21stOctober2023.

Publications

R. D. Lohith, Shivamma D, Manju Swaroop V, Sukrutha S Rao, Sukrutha G – "Rat Swarm Optimization and Machine Learning Algorithms for Accurate Leukemia Diagnosis via Gene Expression Analysis," *2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, Delhi, India, 2023, pp.1–5, doi:10.1109/ICCCNT56998.2023.10307762.

Prof. Monish L
Assistant Professor
Department of CSE (Data Science)

Resource Person

• Prof. Monish L, Department of CSE (Data Science) was designated as resource person for the Faculty Development Program on "SPSS for Health Professionals" from February8,2024 to February10,2024 organised by College of Nursing Sciences, Dayananda Sagar University.

Achievements

• Presented a Technical Talk on "ALTAIR Rapid Miner Workshop" on 29thAugust2023, organised by Dept.ofMCA,DSATM.

• Presented a Tech Talk on ALTAIR DATA SCIENCE DAY organised by Altair,Bangalore on 2ndNovember2023.

• Completed the Virtusa Technology Orientation for Faculty Program on 16thMay2024 organised by VIRTUSA.

Publications

• Shaila SG, Siddharth Sargunaraj, Sumana SG, Monish L, Rajesh TM (Accepted) – "Video Analytics based Action Recognition using 3D and R(2+1)D Convolutional Neural Networks" in International Conference on Advances in Computational Intelligence (ICACI-2023), Springer.

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• Gurudas VR, Shaila SG, Joycelita Dias, Monish L, Sumana SG (Accepted) – "Multi-Region Breast Cancer Detection: Leveraging Deep Learning for Texture and Shape Feature Analysis" in International Conference on Advances in Computational Intelligence (ICACI-2023), Springer

Prof. Vaishali B
Assistant Professor
Department of CSE (Data Science)

Faculty Development Program

• Attended a Faculty Development Program on "AWS Cloud Essentials" from 9th August to 14th August 2023, organised by Department of CSE, SOE, Dayananda Sagar University (DSU).

Achievements

• Attended the "15 Best Practices Meet 2023" on 22nd August 2023, organised by IIIT-Bangalore and Data Security Council of India (DSCI).

Prof. Shahwar Ara Kamal S
Assistant Professor
Department of CSE (Data Science)

Achievements

- Attended a "15 Best Practices Meet 2023" on 22nd August 2023, organised by IIIT- Bangalore and DSCI.