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No. of Publication : 13

Journal Publication :

Type of Journal	DOI No.	Name of the Article	Name of the Author	ISSN No.
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Book Chapter Publication :

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NA	Ethical and Social Considerations	Sumana Chakraborty, Priyanjan Mitra	978-93-5967-752-1
NA	Role of Artificial Intelligence in Modern Education	Sumana Chakraborty & Prof. (Dr.) Somsubhra Gupta	978-81-974233-2-1

Other Publication Details (if any)

Conference:

1.Satyabrata Podder , Arka Dasgupta and Sumana Chakraborty "Recent Trends of Applications of AI Tools for Surface Irregularities Detection in NDT"(2023)

2Ms. Suvechha Panja, Student of Swami Vivekananda University, Dept of CSE, Ms. Sumana Chakraborty, Assistant Professor, Dept of CSE. ".Artificial Intelligence in Games: Enhancements, Challenges, and Prospects"

3. Mr. Suprakash Mal, Department- Master of Computer Application, Swami Vivekananda University , Ms. Sumana Chakraborty, Assistant Professor, Department of CSE , Swami Vivekananda University-" Survey of Cyber Security Attacks, Threats, and Vulnerabilities"

4. Mr. Sankhabrata Dutta, Student of Swami Vivekananda University, Dept of CSE, Ms. Sumana Chakraborty, Assistant Professor, Dept of CSE.-" Research relevant of population density: Survey from India"

5. Ms. Promita Maji, Student of Swami Vivekananda University, Dept of CSE, Ms. Sumana Chakraborty, Assistant Professor, Dept of CSE.- "A Comprehensive IoT and Machine Learning-Based Women Safety Device for Enhanced Personal Security"

6. Mr. Anupam Chowdhury, Student of Swami Vivekananda University, Dept of CSE, Ms. Sumana Chakraborty, Assistant Professor, Dept of CSE- "Cardiovascular Diseases Prediction using Multimodal methodology in Deep Learning"

7. Ms. Sumana Chakraborty, Assistant Professor, Dept. of CSE(Swami Vivekananda University), " Energy-Efficient Algorithms for Image Processing on Edge Devices"

8. Ms. Sumana Chakraborty, Assistant Professor, Dept. of CSE(Swami Vivekananda University), "Image Processing for Smart Agriculture and Precision Farming"

9. Ms. Sumana Chakraborty, Assistant Professor, Dept. of CSE(Swami Vivekananda University), " Waste Management Using Image Processing and Computer Vision"

10.Ms. Sumana Chakraborty, Assistant Professor, Dept. of CSE(Swami Vivekananda University), "Remote Sensing and Image Processing for Environmental Monitoring"

11.Ms. Sumana Chakraborty, Assistant Professor, Dept. of CSE(Swami Vivekananda University), " Low-Power Image Processing for Renewable Energy Systems"