

List of journal paper publications by the faculty members of Asansol Engineering College.

Code	Name	Department	Designation	Category	Title	Publisher	ISBN/ISSN	Citation (Google Scholar-Chicago format)
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	SEMI SUPERVISED SVM LEARNING TECHNIQUE FOR LANDCOVER MAPPING USING SPECTRAL	IRAJ	2394-2835	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	Deciphering The Genomic Clues: Advanced Feature Selection Strategies for Cancer Detection in Microarray Gene	SCOPUS	ISSN: 1001-4055	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	Revolutionizing Oncology: Cutting-edge Classification Methods for Microarray	SCOPUS	1 0 0 6 -7043	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	PRE-TRAINED LANGUAGE MODEL AUGMENTED WITH KNOWLEDGE (PLMS-AWK): COMPREHENSIVE	SCOPUS	1 0 0 8 -6234	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	Exploring The Depths: Harnessing the Power of Deep Learning in Marine Ecosystems	SCOPUS	2 3 6 8 -7487	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	AGRICULTURAL CROP YIELD PREDICTION USING MACHINE LEARNING	SCOPUS	1008-6254	
AEC0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	INTERNATIONAL	EXPLORING AI FOR EFFECTIVE TRAFFIC PREDICTION AND MITIGATING URBAN TRAFFIC CHALLENGES	Chinese Academy of Sciences	2731-538X	
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Analysis of dark current and detectivity of CdS/ZnSe Based multiple quantum well photodetector for mid-infrared applications	WEB OF SCIENCE	https://doi.org/10.1016/j.phse.2022.115614	Bhaskar Roy, Md Aref Billal, Ritam Dutta, Debasis Mukherjee, "Analysis of dark current and detectivity of CdS/ZnSe Based multiple quantum well photodetector for mid-infrared applications", <i>Physica E: Low-dimensional Systems and Nanostructures</i> , Elsevier, vol. 147, p. 115614, 2023. (SCI Indexed impact factor: 3.369, 2022).
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Development of Opto-Electronic Free Space Optics Rain Attenuation Mathematical Model with Optisystem for Topological Optical link Analysis	SCOPUS	https://internationalpubs.com/index.php/cana/arti	Bhaskar Roy et al., "Development of Opto-Electronic Free Space Optics Rain Attenuation Mathematical Model with Optisystem for Topological Optical link Analysis", <i>Journal of Communications on Applied Nonlinear Analysis</i> , Volume 30, Issue2, Pages 15-23, 2023. (Scopus Indexed) (https://internationalpubs.com/index.php/cana/article)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Impact of Intense Modulation on Soliton Power Propagation across Optical Fiber and Optical Wireless Channels	SCOPUS	https://doi.org/10.52783/jes.727	Bhaskar Roy et al., "Impact of Intense Modulation on Soliton Power Propagation across Optical Fiber and Optical Wireless Channels", <i>Journal of Electrical Systems</i> , Volume 20, Issue1, Pages 362-368, 2024. (Scopus Indexed) (https://doi.org/10.52783/jes.727)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	CoO doped CuO for gas sensing environmental applications	SCOPUS	https://ijisae.org/index.php/IJISAE/article/view/5	Bhaskar Roy et al., "CoO doped CuO for gas sensing environmental applications", <i>International Journal of Intelligent Systems and Applications in Engineering</i> , Ismail Sartias, Volume 12, Issue 21s, Pages 1936-1940, 2024. (Scopus Indexed) (https://ijisae.org/index.php/IJISAE/article/view/5763)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Detection of cervical and adrenal cancer cells using a terahertz metamaterial absorber integrated with machine learning	Springer	1572-817X	Gorai, A., Ghosh, P., Sarathamani, T. K. Jayanthi Vagiri, Prasanth Kumari Numa and Bhaskar Roy, "Detection of cervical and adrenal cancer cells using a terahertz metamaterial absorber integrated with machine learning", <i>Opt Quant Electron</i> , Springer 57, 379 (2025). https://doi.org/10.1007/s11082-025-08302-0 (SCI Indexed impact factor: 3.3)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Impact of Intense Modulation on Soliton Power Propagation across Optical Fiber and Optical Wireless Channels	Engineering & Scientific Research Groups	1112-5209	Bhaskar Roy et al., "Impact of Intense Modulation on Soliton Power Propagation across Optical Fiber and Optical Wireless Channels", <i>Journal of Electrical Systems</i> , Volume 20, Issue1, Pages 362-368, 2024. (Scopus Indexed) (https://doi.org/10.52783/jes.727)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Internet of Things and optimized KNN based Intelligent Transportation system for Traffic Flow prediction in smart cities	Elsevier	2665-9174	Bhaskar Roy et al., "Internet of Things and optimized KNN based Intelligent Transportation system for Traffic Flow prediction in smart cities", <i>Journal of Measurement Sensors</i> , Volume 35, Issue, Pages 101297, 2024. (Scopus Indexed)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Sensing performance analysis of passivated β -(AlxGa1-x)2 O3Ga2O3 Schottky diode gas sensor with catalytic metals at high temperature	Springer Nature	2250-2114	Bhaskar Roy et al., "Sensing performance analysis of passivated β -(AlxGa1-x)2 O3Ga2O3 Schottky diode gas sensor with catalytic metals at high temperature", <i>Journal of The Institution of Engineers (India): Series B</i> , Springer, (Scopus Indexed). (https://doi.org/10.1007/s40031-024-01182-0)
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Malware detection by visual image comparison between four different Hash algorithms of various recognized files	Science Publishing Corporation	2227-5053	Bhaskar Roy et al., "Malware detection by visual image comparison between four different Hash algorithms of various recognized files", <i>Journal of Basic and Applied Sciences</i> , Science Publishing Corporation, [Scopus Indexed].
AEC0737	Dr. BHASKAR ROY	AIML	Assistant Professor	INTERNATIONAL	Malware Detection by Visual Image Comparison between Four Different Hash Algorithms of Various Recognized Files	Science Publishing Corporation	2227-5053	Bhaskar Roy et al., "Malware detection by visual image comparison between four different Hash algorithms of various recognized files", <i>Journal of Basic and Applied Sciences</i> , Science Publishing Corporation, [Scopus Indexed].
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Assessment of Heavy Metals in Water, Sediment and Adjacent Soil of a Contaminated Channel in Durgapur Industrial Zone, West Bengal, India	SCOPUS	2320-5199	Pobi, Krishnendu Kumar, Sumant Nayek, and Rajnarayan Saha, "Assessment of heavy metals in water, sediment and adjacent soil of a contaminated channel in durgapur industrial zone, West Bengal, India." <i>International Journal of Ecology and Environmental Sciences</i> 43, no. 4 (2017): 275-285.
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Chemical speciation, retention and deposition of iron (Fe) in open cast pit (OCP) lake receiving industrial discharges: an	SCOPUS	2278-4527	
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Efficient removal of Hg ²⁺ , Cd ²⁺ and Pb ²⁺ from aqueous solution and mixed industrial wastewater using a designed chelating ligand, 2-pyridyl-N-(2'-methylthiophenyl) methyleneimine (PMTPM)	THOMPSON & REUTERS	10.2166/wst.2019.108	Pobi, Krishnendu Kumar, Biplob Mondal, Sumanta Nayek, Aparna K. Patra, and Rajnarayan Saha, "Efficient removal of Hg ²⁺ , Cd ²⁺ and Pb ²⁺ from aqueous solution and mixed industrial wastewater using a designed chelating ligand, 2-pyridyl-N-(2'-methylthiophenyl) methyleneimine (PMTPM)." <i>Water Science and Technology</i> 79, no. 6 (2019): 1092-1101.
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Sources evaluation and ecological risk assessment of heavy metals accumulated within a natural stream of Durgapur industrial zone, India, by using multivariate analysis and pollution	THOMPSON & REUTERS	2190-5495	Pobi, K. K., S. Sarpai, S. Dutta, S. Nayek, R. N. Saha, and S. Gupta, "Sources evaluation and ecological risk assessment of heavy metals accumulated within a natural stream of Durgapur industrial zone, India, by using multivariate analysis and pollution indices." <i>Applied water science</i> 9, no. 3 (2019): 5-8.
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Sources evaluation, ecological and health 1 risk assessment of potential toxic metals (PTMs) in surface soils of an industrial area, India	THOMPSON & REUTERS	https://link.springer.com/article/10.1007/s10653-0	Pobi, Krishnendu Kumar, Sumanta Nayek, Manohar Gope, Atul Kumar Rai, and Rajnarayan Saha, "Sources evaluation, ecological and health risk assessment of potential toxic metals (PTMs) in surface soils of an industrial area, India." <i>Environmental Geochemistry and Health</i> 42, no. 12
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Physicochemical characteristics and trophic state evaluation of post glacial mountain lake using multivariate analysis	SCOPUS	10.22034/gjesn.2018.04.006	Nayek, S. S., Gupta, and K. K. Pobi, "Physicochemical characteristics and trophic state evaluation of post glacial mountain lake using multivariate analysis," <i>Global Journal of Environmental Science and Management</i> 4, no. 4

AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Contamination level, source identification and health risk evaluation of potentially toxic elements (PTEs) in groundwater of an industrial city in eastern India	THOMPSON & REUTERS	https://doi.org/10.1007/s10653-021-01071-1(0123456	Panda, Gourisankar, Krishnendu Kumar Pobi, Supratik Gangopadhyay, Manash Gope, Anil Kumar Rai, and Sumanta Nayek. "Contamination level, source identification and health risk evaluation of potentially toxic elements (PTEs) in groundwater of an industrial city in eastern India." Environmental Geochemistry and Health 44, no. 8 (2022): 2685-
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Ion-chemistry and quality assessment of a post-glacial sacred lake in Sikkim Himalaya source identification and conservation measures	WEB OF SCIENCE	https://doi.org/10.1007/s42108-021-00155-z	Auddy, Nilabha, Krishnendu Kumar Pobi, Sreetanvi Chakraborty, and Sumanta Nayek. "Ion chemistry and quality assessment of a post-glacial sacred lake in Sikkim Himalaya: source identification and conservation measures." International Journal of Energy and Water Resources 6, no. 3 (2022): 303-
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Assessing influence of anthropogenic and environmental factors on surface water quality for sustainable management of urban lakes: A case study from Udaipur, India	WEB OF SCIENCE	10.2166/wpt.2022.078	Auddy, Nilabha, Anil Kumar Rai, Ashish Shrivalli, Krishnendu Kumar Pobi, Subhankar Dutta, and Sumanta Nayek. "Assessing influence of anthropogenic and environmental factors on surface water quality for sustainable management of urban lakes: A case study from Udaipur, India." Water Practice & Technology 17, no. 8 (2022): 1615-1634.
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Assessing influence of anthropogenic and environmental factors on surface water quality for sustainable management of urban lakes: A case study from Udaipur, India	THOMPSON & REUTERS	EISSN 1751-231X	Auddy, Nilabha, Anil Kumar Rai, Ashish Shrivalli, Krishnendu Kumar Pobi, Subhankar Dutta, and Sumanta Nayek. "Assessing influence of anthropogenic and environmental factors on surface water quality for sustainable management of urban lakes: A case study from Udaipur, India." Water Practice & Technology 17, no. 8 (2022): 1615-1634.
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Trophic classification and assessment of lake health using indexing approach and geostatistical methods for sustainable management of water resources	THOMPSON & REUTERS	EISSN 1751-231X	
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Application of water quality indices and geostatistical methods for analyzing mountain lakes in relation to anthropogenic influences and catchment features: a case study in East Sikkim, India.	THOMPSON & REUTERS	10.2166/wpt.2023.172	
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Geostatistical appraisal of water quality, contamination, source distribution of potentially toxic elements (PTEs) in the lower stretches of Subarnarekha River (Odisha), India, and health risk assessment by Monte	THOMPSON & REUTERS	https://doi.org/10.1007/s10653-023-01815-1	
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Water Quality Assessment and Pollutant Source Identification using Geostatistical Method and Multivariate Analysis in Semi-urban Pond Body near Waste Dumping Zone, Katwa, India: A Case Study	WEB OF SCIENCE	1137-2346	
AEC0103	Dr. Krishnendu Kumar Pobi	BS&H	Assistant Professor	INTERNATIONAL	Real-time Carbon Footprint Tracking: A Data-driven Approach for Sustainable	WEB OF SCIENCE	1137-2346	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	Synthesis of iron-based nanoparticles and comparison of their catalytic activity for degradation of phenolic waste water in a smallscale batch reactor	WEB OF SCIENCE	http://dx.doi.org/10.1080/19443994.2016.1147379	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	Synthesis of Zero Valent Iron Nanoparticle and its Application as a Dephlorination Agent for Coke Oven Plant Wastewater Situated in	THOMPSON & REUTERS	10.1002/ep.12634	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	A study of nZVI DTPA induced degradation of selective organic pollutants by the help of ac conductivity measurement	SCOPUS	22151532	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	NATIONAL	Degradation of various azo dyes by the help of nZVI immobilized in agarose	WEB OF SCIENCE	0019-4522	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	Optimizing the degradation of dikhloro in aqueous solution using nZVI DTPAH2O2 and its detection using ac conductivity measurement with the help of response	WEB OF SCIENCE	https://doi.org/10.1016/j.jics.2021.100266	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	Kinetics Study and Optimization of Phenol Degradation from Wastewater Using Surface Modified nano Zero Valent	SCOPUS	22502157, 22502149	
AEC0105	DR. AVIK DE	BS&H	Assistant Professor	INTERNATIONAL	The electrical transport property and gas detection behaviour of polyvinyl alcohol and γ -Fe2O3	ELSEVIER	0921-4526	
AEC0143	Hirak Gupta	BS&H	Assistant Professor	INTERNATIONAL	Use of innovative Technology for Effective Learning: an Empirical	THOMPSON & REUTERS	22786848	
AEC0143	Hirak Gupta	BS&H	Assistant Professor	INTERNATIONAL	Aligarh: Interrogating Gender and Sexuality in the context of Inter-sectional Marginalization in Indian	THOMPSON & REUTERS	11372346	
AEC0143	Hirak Gupta	BS&H	Assistant Professor	INTERNATIONAL	Listening types as delineated in Business Communication: A re-reading in the light of Srimad Bhagavad Gita	THOMPSON & REUTERS	2278-6848	
AEC0143	Hirak Gupta	BS&H	Assistant Professor	INTERNATIONAL	Corporate Social Responsibility: Bridging Management Practices and Community Development	Journal of Posthumanism	2634-3576/2634-3584	
AEC0143	Hirak Gupta	BS&H	Assistant Professor	INTERNATIONAL	Social Equity in Urban Planning: Historical Perspectives and Contemporary Approaches	Elsevier	ISSN 2405-710X	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	An iteration leading to Random Solutions and fixed point of operators	WEB OF SCIENCE	0250-3255	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	On Unique common fixed point for a sequence of multivalued mappings on	WEB OF SCIENCE	0970-6577	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	Common fixed points for multivalued maps in metric spaces using Hausdorff	WEB OF SCIENCE	XXXVI	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	A random iteration in real Hilbert Spaces & its	WEB OF SCIENCE	0970-6577	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	NATIONAL	Finding common fixed points by using random	WEB OF SCIENCE	1193-392-0316-X	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	NATIONAL	A random iteration scheme with measurable perturbation and its	WEB OF SCIENCE	1193-392-0316-X	

AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	Optimal Choice of Location for Establishing Production Units by Application of	SCOPUS	https://doi.org/10.1007/978-981-13-3122-0_19	
AEC0158	Dr Animesh Upadhyay	BS&H	Associate Professor	INTERNATIONAL	COUPLED FIXED POINT PROBLEM WITH ULAM-HYER STABILITY AND	TANZ	1869-7720	
AEC0159	Dr. Partha Mukhopadhyay	BS&H	Assistant Professor	INTERNATIONAL	Estimating the Growth Rate of Infection during the Early Phase of a Pandemic like	THOMPSON & REUTERS	https://doi.org/10.1016/j.sjasta.2021.100537	
AEC0159	Dr. Partha Mukhopadhyay	BS&H	Assistant Professor	INTERNATIONAL	A General Estimation Technique of Population Mean under Stratified Successive Sampling in Presence of Random Scrambled Response and	THOMPSON & REUTERS	10.1080/03610918.2021.1980801.	
AEC0159	Dr. Partha Mukhopadhyay	BS&H	Assistant Professor	INTERNATIONAL	A General Procedure for Estimating Population Variance in Successive Sampling using Fuzzy Tools	THOMPSON & REUTERS	10.15672/HMS.201510014169	
AEC0159	Dr. Partha Mukhopadhyay	BS&H	Assistant Professor	INTERNATIONAL	Hunt for efficient variance estimation strategy in two-occasion successive	SCOPUS	u/4dk137ar79U8S-; Sep. 2021	
AEC0159	Dr. Partha Mukhopadhyay	BS&H	Assistant Professor	INTERNATIONAL	Estimation of Mean in Two-Stage Unequally Clustered Population in Presence of Non-Response Situation	SCOPUS	https://www.naturalspublishing.com/ConIss.asp?I	
AEC0161	Dr. Mithu Dey Sarkar	BS&H	Assistant Professor	INTERNATIONAL	Class of modified chain type regression estimators for estimating population mean in two phase sampling	WEB OF SCIENCE	7021-2008	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Effects of Magnetic Field on Mixed Convection Flow of Nanofluid Containing Spherical and Cylindrical	SCOPUS	[DOI: 10.1115/1.4032835	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Nanofluid Bioconvection in Presence of Gyrotactic Microorganisms and Chemical Reaction in a	SCOPUS	DOI: 10.1007/s12206-015-0131-z	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Solar radiation effects on Cu water nanofluid flow over a stretching sheet with surface slip and temperature jump.	SCOPUS	DOI: 10.1007/s13369-014-1380-4	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Micropolar nanofluid flow over a stretching sheet with chemical reaction	SCOPUS	ISSN 2349-5103	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Slip flow of hybrid nanofluid in presence of solar radiation	SCOPUS	0217-9792	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Magneto Chemically Reacting Micropolar Nanofluid Flow in Existence of Heat Source/Sink	SCOPUS	doi:10.1166/jon.2022.1862	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Unfolding flow features of MHD hybrid nanofluid (Ag-Al2O3-H2O) and mono nanofluid (Al2O3-H2O) flow over exponentially expanded sheet soaked in a Darcy-Forchheimer absorbent medium co-existent non-uniform heat	THOMPSON & REUTERS	DOI: 10.1080/17455030.2023.2171153	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Influence of variable characteristic of the porous medium on unsteady nanofluid flow with melting heat transference	WEB OF SCIENCE	1521-0634	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Active-passive controls on magneto CNTs nanofluid flow over a wavy rotating	SCOPUS	https://doi.org/10.1080/02286203.2023.2249644	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Effects of nanoparticle shape factor on radiative ternary hybrid nanofluid flow over a wedge in presence of induced	SCOPUS	https://doi.org/10.1108/MMMS-11-2023-0373	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	MHD radiating flow in a hybrid solution of C2H6O2-H2O to disperse Ag-Al2O3 hybrid nanoparticles taking into account the effects of	SCOPUS	https://doi.org/10.1007/s12648-024-03263-8	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Computational outline on heat transfer analysis and entropy generation in hydromagnetic squeezing slip flow of hybrid nanofluid	Emerald Group Publishing	ISSN 1573-6105	
AEC0164	Dr. Pinaki Ranjan Duari	BS&H	Assistant Professor	INTERNATIONAL	Revealing the dynamic response of Prandtl-Eyring's ternary hybrid nanofluidic flow with Arrhenius activation energy: A model incorporating correlation coefficients and probable errors	John Wiley & Sons	ISSN:1521-4001	
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Investigation of dielectric and electrical behavior of Mn doped YCrO3 nanoparticles synthesized by sol gel method	WEB OF SCIENCE	1386-9477	Sinha, R., S. Basu, and A. K. Meikap. 2015. "Investigation of Dielectric and Electrical Behavior of Mn Doped YCrO3 Nanoparticles Synthesized by the Sol Gel Method." <i>Physica E: Low-Dimensional Systems and Nanostructures</i> 69: 47-55.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Effect of La doping on optical and electrical transport properties of nanocrystalline YCrO3	WEB OF SCIENCE	1293-2558	Sinha, R., S. Kundu, S. Basu, and A. K. Meikap. 2016. "Effect of La Doping on Optical and Electrical Transport Properties of Nanocrystalline YCrO3." <i>Solid State Sciences</i> 60: 75-84. https://doi.org/10.1016/j.solidstsciences.2016.08.020
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	The Electrical Transport Properties of Mn Doped Nano-crystalline YCrO3	THOMPSON & REUTERS	1936-6612	Sinha, Ranjita, A. K. Meikap, and Soumen Basu. 2016. "The Electrical Transport Properties of Mn Doped Nanocrystalline YCrO3." <i>Advanced Science Letters</i> 22 (1): 40-45.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	The investigation of the electrical transport properties of Gd doped YCrO3 nanoparticles	WEB OF SCIENCE	0025-5408	Sinha, Ranjita, Soumen Basu, and A. K. Meikap. 2018. "The Investigation of the Electrical Transport Properties of Gd Doped YCrO3 Nanoparticles." <i>Materials Research Bulletin</i> 97: 578-587. https://doi.org/10.1016/j.materbull.2017.08.055
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Effect of Neodymium doping on electrical properties and relaxor ferroelectric behavior of YCrO3 nanoparticles	WEB OF SCIENCE	1386-9477	Sinha, Ranjita, Soumen Basu, and A. K. Meikap. 2019. "Effect of Neodymium Doping on Electrical Properties and Relaxor Ferroelectric Behavior of YCrO3 Nanoparticles." <i>Physica E: Low-Dimensional Systems and Nanostructures</i> 113: 194-201. https://doi.org/10.1016/j.physe.2019.05.012
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	NATIONAL	Dielectric and Resistivity Behaviour of Y0.95	WEB OF SCIENCE	0970-4256	
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Dielectric relaxation and electrical conduction mechanism of Neodymium doped Yttrium Chromite	WEB OF SCIENCE	0921-4526	Sinha, Ranjita, Monalisa Halder, Soumen Basu, and A. K. Meikap. 2021. "Dielectric Relaxation and Electrical Conduction Mechanism of Neodymium Doped Yttrium Chromite." <i>Physica B: Condensed Matter</i> 615: 413035.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Electrical Conductivity Mechanism Study of Nd-Doped YCrO3 Nanoparticles	SCOPUS	22502122 https://doi.org/10.1007/s40033-021-003	Sinha, Ranjita, and Sandip Halder. 2022. "Electrical Conductivity Mechanism Study of Nd-Doped YCrO3 Nanoparticles." <i>Journal of The Institution of Engineers (India) - Series D</i> 103 (1): 133-139.

AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Observation of charge conduction mechanism of manganese ferrite-poly(vinyl alcohol)/nanocomposite film above room temperature	WEB OF SCIENCE	https://doi.org/10.1007/s10854-022-08926-y	Haldar, Monalisa, Shubhadip Atta, Ranjita Sinha, and A. K. Meikap. 2022. "Observation of Charge Conduction Mechanism of Manganese Ferrite-Poly (Vinyl Alcohol) Nanocomposite Film Above Room Temperature." <i>Journal of Materials Science: Materials in Electronics</i> 33: 21189-21198.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Effect of doping and presentation parameter on AC conductivity and dielectric modulus formalism of Al doped DLC thin films.	WEB OF SCIENCE, SCOPUS	0925-9635	Saha, S., R. Sinha, R. Hatada, W. Essinger, S. Flege, K. Baha, and A. K. Meikap. 2024. "Effect of Doping and Preparation Parameter on AC Conductivity and Dielectric Modulus Formalism of Al Doped DLC Thin Films." <i>Diamond and Related Materials</i> 146: 111193.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Quantum-Enhanced SOLAR Site Selection: A Novel MCDM Approach	SCOPUS	https://doi.org/10.52783/ies.3759	Mukherjee, Gunjan, Anshu Mukherjee, Subrata Sinha, Shantanu Bhadra, Monalisa Haldar, Sandip Haldar, Ranjita Sinha, Simanta Hazra, Bikas Mondal, Priitha Chakraborty, and Arnab Chakraborty. 2024. "Quantum-Enhanced SOLAR Site Selection: A Novel MCDM Approach." <i>Journal of Electrical Systems</i> 20, no. 7s: 1664-1678.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Real-time Carbon Footprint Tracking: A Data-driven Approach for Sustainable Environmental Monitoring	WEB OF SCIENCE	DOI:10.37896/MOENIA10.7/312	Sinha, Ranjita, Sandip Haldar, Krishendu Kumar Pobi, Gourisankar Panda, Joy Chakraborty, and Sanjit Rudra. 2025. "Real-time Carbon Footprint Tracking: A Data-driven Approach for Sustainable Environmental Monitoring." <i>Moenia Journal</i> 10, no. 7: 126-130.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Water Quality Assessment and Pollutant Source Identification using Geostatistical Method and Multivariate Analysis in Semi-urban Pond Body near Waste Dumping Zone, Katwa, India: A Case Study	WEB OF SCIENCE	DOI:10.37896/MOENIA10.7/332	Pobi, Krishendu Kumar, Sayantani Chakraborty, Ritwik Chakraborty, Gourisankar Panda, and Sumanta Nayek. 2025. "Water Quality Assessment and Pollution Source Identification of a Semi-urban Water Body Near to Waste Dumping Zone, Katwa, India, Using Pollution Indices and Geostatistical Methods." In <i>Springer Geography</i> , 265-282. Springer Nature. https://doi.org/10.1007/978-3-031-21999-2X
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	Reverse Micelle Synthesis of Au@Ni100-y Nanoparticles Decorated Multiwalled Carbon Nanotubes as High-Performance Anode Electrocatalysts for Direct Borohydride-Hydrogen Peroxide Fuel Cells	WILEY-VCH Verlag (WEB OF SCIENCE)	219992X	Raul, Chandan Kumar, Tuli Chatterjee, Monalisa Haldar, Ranjita Sinha, Santanu Dey, Soumen Basu, and Ajit Kumar Meikap. 2025. "Reverse Micelle Synthesis of Au-sub- γ -cubo-Ni-cubo-100- γ -cubo-Nanoparticles Decorated Multiwalled Carbon Nanotubes as High-Performance Anode Electrocatalysts for Direct Borohydride-Hydrogen Peroxide Fuel Cells." <i>ChemNanoMat</i> 11 (6): a202500005.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	The electrical transport property and gas detection behaviour of poly(vinyl alcohol and γ -Fe ₂ O ₃ nanocomposite film	ELSEVIER	0921-4526	Sinha, Ranjita, Tanima Nandi, Avik De, Monalisa Haldar, Chandan Kumar Raul, Sam Sarkar, and Sandip Haldar. 2024. "The Electrical Transport Property and Gas Detection Behaviour of Poly(vinyl Alcohol and γ -Fe ₂ O ₃ Nanocomposite Film." <i>Physica B: Condensed Matter</i> 690: 416193.
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	INTERNATIONAL	The Influence of Fe Doping on Electrical Properties of Relator Ferroelectric Fe-Doped Yttrium Chromite Nanoparticles	WILEY-VCH VERLAG GMBH	3701972	Kumar, Kripasindhu, Ranjita Sinha, Chandan Kumar Raul, Soumen Basu, and A. K. Meikap. 2025. "The Influence of Fe Doping on Electrical Properties of Relator Ferroelectric Fe-Doped Yttrium Chromite Nanoparticles." <i>physica status solidi (b)</i> 262, no. 5: 202500287. https://doi.org/10.1002/psb.202500287
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	An investigation on the Long-Term Stability of Fe_2O_3 Nanoparticles	SCOPUS	2214-7853	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Frequency-dependent electrical behaviour of $\text{Ni}_2\text{S}_2\text{O}_3$ a brief report	THOMPSON & REUTERS	0250-4707 (print); 0973-7669 (web)	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Analysis of dielectric relaxation in Sodium Silicate (Na_2SiO_3) using complex impedance	SCOPUS	https://doi.org/10.1007/s10033-022-00383-5	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Analysis of dielectric relaxation in Sodium Silicate (Na_2SiO_3) using complex impedance	SCOPUS	2250-2130, 2250-2122	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Dielectric Properties of Sodium Silicate-An Investigation Report	PUBMED	2347-2693	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Frequency-dependent dielectric properties of sodium silicate	THOMPSON & REUTERS	0217-9849, 1793-6640	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	A Room Temperature Study on the Effect of the Stirring Temperature of Complex Permittivity of Sodium Silicate	SCOPUS	2250-2130, 2250-2122	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Investigation on relaxation phenomenon on sodium silicate (Na_2SiO_3) using complex impedance	SCOPUS	2424-9130	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Effect of doping in dielectric loss of Sodium silicate ceramics	SCOPUS	1936-6612 (print); 1936-7317 (web)	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Synthesis of sodium silicate and its application of dielectric relaxation	SCOPUS	2424-9130	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	A Short Report on Frequency-dependent Dielectric Relaxation in Dielectrics	SCOPUS	1137-2346	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Sound Waves as a Renewable Resource: Exploring Sound-to-Electric Energy Conversion	SCOPUS	1137-2346	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Preparation and Characterization of CuS Nanoparticles	World Scientific	1793-0480	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Exploring Frequency-Dependent Dielectric Relaxation in Bakelite: A Short Report	World Scientific	2424-9130	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Blood as a Micro-Fluid: Insights and Applications	BIOMEDICAL	2574-1241	
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	INTERNATIONAL	Spectroscopic Approach to Understanding Complex Impedance in Sodium Silicate	Elsevier	2666-0326	
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	INTERNATIONAL	Synthesis and evaluation of antibacterial properties of magnesium oxide nanoparticles	WEB OF SCIENCE	ISSN:0973-7669	
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	INTERNATIONAL	The electrical transport and antibacterial properties of Fe doped MgO nanoparticles synthesized by a soft chemical technique	SCOPUS	https://doi.org/10.1016/j.biomat.2023.12.002	
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	INTERNATIONAL	Enzyme Assays of E. coli and Bacillus sp. Treated with Fe Doped MgO Nanoparticles	SCOPUS	1608-3059(electronic ISSN) , 1062-3590(print ISSN)	
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	INTERNATIONAL	A Comparative Analysis of Dust Removal Systems	SCOPUS	1137-2346	
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	INTERNATIONAL	Antibacterial Activity and Characterization of CuO Nanoparticles Synthesized from Fe_2SO_4	Bentham Science	2211-5501	
AEC0086	Amitava Chakraborty	CA	Assistant Professor	INTERNATIONAL	Application of drone technology under a supply chain management	WEB OF SCIENCE	NA	
AEC0090	Sujoy Kumar Basu	CA	Assistant Professor	INTERNATIONAL	Performance comparison of classifier techniques for assessment of kidney stone condition	WEB OF SCIENCE	10.37896/MOENIA10.7/28	
AEC0090	Sujoy Kumar Basu	CA	Assistant Professor	INTERNATIONAL	Two Classes of chain-type Estimators of Population Mean in Two-phase Sampling	WEB OF SCIENCE	10.37896/MOENIA10.7/29	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	Influence of initial stress and gravity on torsional surface wave in heterogeneous medium	WEB OF SCIENCE	https://doi.org/10.1177/1077546315587145	

AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	Effect of gravity and initial stresses on torsional surface waves in dry sandy medium under rigid layer	WEB OF SCIENCE	https://doi.org/10.1016/j.proeng.2016.12.183	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	Effect of rigid boundary on Rayleigh wave in an incompressible heterogeneous medium over an incompressible half-space	WEB OF SCIENCE	https://www.aimspress.com/article/10.3934/math.202	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	NATIONAL	Effect of Rigid Boundary on Propagation of Love Wave in Heterogeneous Crust over Heterogeneous Mantle	SCOPUS	0970-4256/10.24906/sc/2021/v35/i2/209061	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	LOVE WAVE IN POROUS LAYER UNDER INITIAL STRESS OVER HETEROGENEOUS ELASTIC HALF-SPACE UNDER GRAVITY AND	WEB OF SCIENCE	https://doi.org/10.22201/ijeosf.001671699.2021.60.3	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096	
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096	
AEC0743	Sayanti Mukherjee	CA	Assistant Professor	INTERNATIONAL	Mathematical Models of Heterogeneous Machine Learning Techniques for Ransomware Protection in	SCOPUS	10.1109/HCCCS61609.2024.10763581	
AEC0743	Sayanti Mukherjee	CA	Assistant Professor	NATIONAL	Predicting Bike Sharing Demand: Analyzing Weather, Time, and Seasonal	AJEM	0	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	Sustainable task offloading decision using genetic algorithm in sensor mobile	SCOPUS	ISSN: 1319-1578/ https://doi.org/10.1016/j.jksuci.2	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	CSLM: Cluster-Based Location Management for 5G Small Cell Network Under Stochastic	SCOPUS	ISSN (print): 0218-1266 / https://doi.org/10.1142/S	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	DoME: Dew computing based microservice execution in mobile edge	SCOPUS	1573-7497 / doi.org/10.1007/s10489-022-04087-x	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	RMS: A Delay Sensitive Road Monitoring System using Edge Intelligence	SCOPUS	1530-437X / DOI 10.1109/JSEN.2022.3228768	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	A Hybrid GRASP-GA based collaborative task offloading technique in fog	SCOPUS	ISSN No. 1573-7721/ DoI: https://doi.org/10.1007/s	
AEC0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	INTERNATIONAL	An AI enhanced IoT driven localization system (AIILS) for underground mine environments through implementation of bluetooth low energy (BLE)	Springer Nature	2250-2122	
AEC0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	INTERNATIONAL	A high isolation SIW based Self-diplexing antenna	IEEE	979-8-3503-9076-6	
AEC0749	AMIT CHAKRABORTY	Computer Science &	Assistant Professor	INTERNATIONAL	Air Quality Analysis through IoT Device and Risk Prediction of Asthma Attack using ML Techniques	Bentham Science	2382-0973	
AEC0749	AMIT CHAKRABORTY	Computer Science &	Assistant Professor	INTERNATIONAL	An Efficient Gradient Based Modified Cuckoo Search Optimization with Dynamic Levy Flight (MCSO-DLF) Algorithm for Breast Cancer Detection	SHERPA ROMEO Green Journal.	2321-2543	
AEC0749	AMIT CHAKRABORTY	Computer Science &	Assistant Professor	INTERNATIONAL	An Enhanced Multi-Vector Particle Swarm Optimization for Adaptive	Elsevier BV	1556-5068	
AEC0749	AMIT CHAKRABORTY	Computer Science &	Assistant Professor	INTERNATIONAL	Novel Real-Time Deep Learning Method for Identifying Potato Plant	Bentham Science	3050-5089	
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	INTERNATIONAL	Construction of efficient Wireless Sensor Networks for Energy Minimization using a modified ACO	THOMPSON & REUTERS	https://doi.org/10.2174/2210327911666210120122610	
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	INTERNATIONAL	Semi Supervised SVM Learning Technique for Land-Cover Mapping Using	NA	2394-2835	
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	INTERNATIONAL	Ensemble Random Forests Approach for Spectral-Based Supervised Land Cover Mapping in Remote	ESR Group	1112-5209	
AEC0107	Lambini Bhaumik	CSE	Assistant Professor	INTERNATIONAL	Exploring The Depths: Harnessing the Power of Deep Learning in Marine	SCOPUS	https://doi.org/10.53555/sfs.v10i1.1736	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	On spectrum and energy efficient survivable multipath routing in off-line Elastic Optical Network	WEB OF SCIENCE	https://doi.org/10.1016/j.comcon.2020.06.018	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Efficient Integration of Logical Topology Design and Survivable Traffic Grooming for Throughput Enhancement in WDM	WEB OF SCIENCE	https://doi.org/10.1109/ACCESS.2020.2982500	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	On Energy Efficient Survivable Multipath Based Approaches in Space Division Multiplexing Elastic Optical Network: Cross-talk-Aware and Fragmentation-Aware	WEB OF SCIENCE	https://doi.org/10.1109/ACCESS.2020.2979487	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Minimizing Cost of Regeneration at Regeneration Sites- A New Approach for Dynamic Lightpath Establishment in Translucent Optical	WEB OF SCIENCE	https://doi.org/10.1109/ACCESS.2019.2960800	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	An offline cost-efficient strategy for multicast traffic protection in WDM optical mesh networks to aid rapid	WEB OF SCIENCE	https://doi.org/10.1016/j.com.2019.05.002	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	A Multipath-Based Survivability Scheme in	WEB OF SCIENCE	https://doi.org/10.1109/LCOMM.2018.2859924	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	An online cost-efficient protection scheme for quick recovery in all-optical WDM mesh networks	WEB OF SCIENCE	https://doi.org/10.1007/S11107-017-0721-0	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	An offline scheme for reducing cost of protection in all-optical WDM mesh networks with fast recovery	WEB OF SCIENCE	https://doi.org/10.1080/17445760.2017.1363204	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	CAC DPLB MCN: A Distributed Load Balancing Scheme in Multimedia Mobile Cellular Networks	WEB OF SCIENCE	https://doi.org/10.1515/febs-2016-60015	

AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Network Dimensioning and Survivability of Orthogonal Frequency Division Multiplexed Transparent Optical Grids: An Online Relocation Based Solution	WEB OF SCIENCE		https://doi.org/10.1109/ACCESS.2021.3108037	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	E-S-RSM-RSA: A Novel Energy and Spectrum Efficient Regenerator Aware Multipath Based Survivable RSA in Offline	SCOPUS		https://doi.org/10.1109/TGCN.2021.3075616	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	On survivable energy-efficient and crosstalk-aware routing, spectrum and core allocation schemes for dynamic multiclass traffic in SDM-EONs	WEB OF SCIENCE		https://doi.org/10.1016/j.osn.2021.100630	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Survivable transparent OFDM optical grids/clouds: fragmentation aware, resource efficient protection with fast failure recovery	WEB OF SCIENCE		https://doi.org/10.1007/s1107-023-01011-2	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Blocking aware offline survivable path provisioning of connection requests in elastic optical networks	WEB OF SCIENCE		https://doi.org/10.1080/17445760.2023.2263142	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Energy efficient resource aware protection with rapid failure recovery in cloud-ready elastic optical	Elsevier	1872-9770		
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Regeneration sites selection in survivable translucent elastic optical networks	Taylor and Francis, UK	1744-5779		
AEC0108	Dr. Monish Chatterjee	CSE	Professor	INTERNATIONAL	Regeneration Sites Selection and Regenerator Assignment Strategies for Translucent Elastic Optical Networks: Survey and Analysis	IEEE Xplore	979-8-3503-9075-9		
AEC0110	Shibankar Bala	CSE	Assistant Professor	INTERNATIONAL	Blocking aware offline survivable path provisioning of connection requests in elastic optical networks	SCOPUS		https://doi.org/10.1080/17445760.2023.2263142	
AEC0110	Shibankar Bala	CSE	Assistant Professor	INTERNATIONAL	Tournament construction coefficient based particle swarm optimization (TPSO-Co) for engineering design	SCOPUS		https://doi.org/10.1007/s13198-022-01824-w	
AEC0110	Shibankar Bala	CSE	Assistant Professor	INTERNATIONAL	Regeneration sites selection in survivable translucent elastic optical networks	WEB OF SCIENCE		https://doi.org/10.1080/17445760.2025.2455568	
AEC0113	Pranabesh Gangopadhyay	CSE	Assistant Professor	INTERNATIONAL	Classifying Patients on Kidney Function Test using Machine Learning Algorithms with Dimensionality Reduction	SCOPUS	ISSN NO: 1137-2346		
AEC0113	Pranabesh Gangopadhyay	CSE	Assistant Professor	INTERNATIONAL	Liver Disease Early Diagnosis When Coming Across Machine Learning, Deep Learning, and Federated Learning: A Review of Methods and	SCOPUS	1137-2346		
AEC0113	Pranabesh Gangopadhyay	CSE	Assistant Professor	INTERNATIONAL	Liver Disease Classification by Analysing Salient Features of Liver Function Test (LFT): An Explainable Machine Learning Approach	IEEE	979-8-3315-2169-1		
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096		
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096		
AEC0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096		
AEC0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	INTERNATIONAL	Deep Learning in Agriculture: Challenges and Opportunities – A	African Journal of Biomedical Research	1119-5096		
AEC0782	DR. BIKASH DEBNATH	CSE	Associate Professor	INTERNATIONAL	Parity generator-checker based nano communication network using reversible quantum majority voter	ELSEVIER	1878-7789		
AEC0782	DR. BIKASH DEBNATH	CSE	Associate Professor	INTERNATIONAL	A Novel Design of Actel FPGA Architecture for	OLD CITY PUBLISHING INC	1555-0281		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	Development of New Gaming Zone Using Web	WEB OF SCIENCE		DOI: https://doi.org/10.5281/zenodo.6645885	
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	Comparative Study on Registration Site for Vaccination Due to Covid-19 Pandemic Situation	WEB OF SCIENCE		DOI: https://doi.org/10.5281/zenodo.6645962	
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	EGLDR: An Ensemble Deep Learning Technique for Detection and Classification of Diabetic	MDPI		https://doi.org/10.3390/diagnostics1010124	
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	Low Power Intelligent Robotic Floor Cleaner using Solar Panel	WEB OF SCIENCE	ISSN 2582 3930		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	A Novel Hybrid Deep Learning Model for	Ibdan Biomedical Communications Group	1119-5096		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	Precise detection of diabetic retinopathy using adaptive remora optimization algorithm with deep	SPRINGER US	1573-7721		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm	IEEE	9.80E+12		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	A Comprehensive Study: Mental Health Status Prediction Using Machine	Crossref	2582-3930		
AEC0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	INTERNATIONAL	A Novel Hybrid Deep Learning Model for	Ibdan Biomedical Communications Group	1119-5096		
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	A Robust Multiple Classifier System for Pixel Classification of Remote Sensing Images	WEB OF SCIENCE		DOI 10.3233/FI-2010-286	U. Maulik and D. Chakraborty, "A robust multiple classifier system for pixel classification of remote sensing images," Fundamenta Informaticae, SCI Indexed, vol. 101, no. 4, pp. 286-304, 2010.
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	A self-trained ensemble with semisupervised SVM: an application to pixel classification of remote sensing imagery	SCOPUS	ISSN: 0031-3203		U. Maulik and D. Chakraborty, "A self-trained ensemble with semisupervised SVM: an application to pixel classification of remote sensing imagery," Pattern Recognition, SCI Indexed, vol. 44, no. 3, pp. 615-623, 2011.
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	A novel semisupervised SVM for pixel classification of remote sensing imagery	SCOPUS		https://doi.org/10.1007/s13042-011-0059-3	Maulik, U., Chakraborty, D. A novel semisupervised SVM for pixel classification of remote sensing imagery. Int. J. Mach. Learn. & Cyber. 3, 247-258 (2012). https://doi.org/10.1007/s13042-011-0059-3

AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Learning with transductive SVM for semisupervised pixel classification of remote sensing imagery	SCOPUS	DOI: 10.1016/j.isprsprs.2012.12.003	U. Maulik and D. Chakraborty, "Learning with transductive SVM for semisupervised pixel classification of remote sensing imagery," ISPRS Journal of Photogrammetry and Remote Sensing, SCI Indexed, vol. 77, pp. 66-78, 2013.
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Gene-expression based cancer subtype prediction through feature selection and transductive SVM	THOMPSON & REUTERS	DOI: 10.1109/TBME.2012.2225622	U. Maulik, A. Mukhopadhyay and D. Chakraborty, "Gene-Expression Based Cancer Subtypes Prediction Through Feature Selection and Transductive SVM," in IEEE Transactions on Biomedical Engineering, vol. 60, no. 4, pp. 1111-1117, April 2013, doi: 10.1109/TBME.2012.2225622
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Fuzzy preference based feature selection and semisupervised SVM for cancer classification	SCOPUS	DOI: 10.1109/TNB.2014.2312132	U. Maulik and D. Chakraborty, "Fuzzy Preference Based Feature Selection and Semisupervised SVM for Cancer Classification," in IEEE Transactions on NanoBioscience, vol. 13, no. 2, pp. 152-160, June 2014, doi: 10.1109/TNB.2014.2312132
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Identifying cancer biomarkers from microarray data using feature selection and semisupervised learning	SCOPUS	DOI: 10.1109/JTEHM.2014.2375820	D. Chakraborty and U. Maulik, "Identifying Cancer Biomarkers From Microarray Data Using Feature Selection and Semisupervised Learning," in IEEE Journal of Translational Engineering in Health and Medicine, vol. 2, pp. 1-11, 2014, Art no. 4300211, doi: 10.1109/JTEHM.2014.2375820
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Remote sensing image classification: A survey of support-vector-machine-based advanced techniques	SCOPUS	DOI: 10.1109/MGRS.2016.2641240	U. Maulik and D. Chakraborty, "Remote Sensing Image Classification: A survey of support-vector-machine-based advanced techniques," in IEEE Geoscience and Remote Sensing Magazine, vol. 5, no. 1, pp. 33-52, March 2017, doi: 10.1109/MGRS.2016.2641240
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Recursive memetic algorithm for gene selection in microarray data	SCOPUS	https://doi.org/10.1016/j.eswa.2018.06.057	M. Ghosh, S. Begum, R. Sarkar, D. Chakraborty and U. Maulik, "Recursive memetic algorithm for gene selection in microarray data," Expert Systems with Applications, SCI Indexed, vol. 116, pp. 172- 185, 2019, https://doi.org/10.1016/j.eswa.2018.06.057
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	A new isotropic locality improved kernel for pattern classification in remote sensing imagery	SCOPUS	https://doi.org/10.1016/j.spatia.2016.04.003	D. Chakraborty, A. Sarkar and U. Maulik, "A new isotropic locality improved kernel for pattern classification in remote sensing imagery," Spatial Statistics, SCI Indexed, vol. 17, pp. 71-82, 2016, doi: 10.1016/j.spatia.2016.04.003
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	Identification of Biomarker on Biological and Gene Expression data using Fuzzy Preference Based Rough Set	WEB OF SCIENCE	DOI: https://doi.org/10.1515/jisys-2019-0034	Begum, Sherni, Sarkar, Ram, Chakraborty, Debasis and Maulik, Ujjwal, "Identification of Biomarker on Biological and Gene Expression data using Fuzzy Preference Based Rough Set" Journal of Intelligent Systems, vol. 30, no. 1, 2021, pp. 130-141, https://doi.org/10.1515/jisys-2019-0034
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AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	INTERNATIONAL	AGRICULTURAL CROP YIELD PREDICTION USING MACHINE LEARNING TECHNIQUES	SCOPUS	1008-6234	S. Hazra, S. Karforma, A. Bandyopadhyay, S. Begum, and D. Chakraborty, "Agricultural Crop Yield Prediction Using Machine Learning Techniques," China Petroleum Processing and Petrochemical Technology, Vol. 23, No. 2, pp. 4967-4974, 2021, doi: 10.1002/cpt.1424
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AEC0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	INTERNATIONAL	A Repulsive Levy Random Walk Established PSO within Bi-LSTM for Filthy Resources Selection	IEEE	To be published	
AEC0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	INTERNATIONAL	A Comprehensive Study: Mental Health Status Prediction Using Machine Learning	Crossref	2582-3930	
AEC0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	INTERNATIONAL	Study of Multiband Microstrip Patch Antenna Design for Wireless Communication	ISJEM	ISSN: 2583-6129	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	A matched E-H plane T-junction for X-band applications	THOMPSON & REUTERS	doi:10.3906/elk-1704-237	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Analysis of Field Propagation through a Multipoint Frequency Selective Network Using Cavity Modeling Technique	THOMPSON & REUTERS	Vol. 82, 209-223, 2018	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Applicability of Cavity Modeling Technique to Analyze Complex Waveguide Structures Involving Cavity Cross	THOMPSON & REUTERS	108, pages1431-1445(2019)	

AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Cavity model-based analysis of field propagation in a six-port Riblet-type directional coupler	THOMPSON & REUTERS	https://doi.org/10.1080/02564602.2018.1548910	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Aperture Field Estimation in E Plane and H-Plane T-Junctions Using Field Theoretic Analysis	THOMPSON & REUTERS	10.1007/s11277-017-5025-2	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Characteristics of an Offset Longitudinal / Transverse Slot Coupled Crossed Waveguide Junction using Multiple Cavity Modeling Technique Considering the TE00 Mode at the Slot Aperture	THOMPSON & REUTERS	1070-4698	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Applicability of Multiple Cavity Modeling Technique on Electrically Large Structures	THOMPSON & REUTERS	10.1163/15693908784150245	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	On the applicability of cavity modeling technique to analyze complex resonant structures	THOMPSON & REUTERS	doi.org/10.1007/s11277-022-09956-9	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	A Dual Band Radio Frequency Sensor Antenna for the Measurement of Ambient Radiations at the GSM 800/900/1800/1900 MHz Bands	WEB OF SCIENCE	https://doi.org/10.5281/zenodo.7985439	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Design of Radio Frequency Sensor Antenna for the measurement of Ambient radiations at the GSM Bands	WEB OF SCIENCE	https://mactechpublications.com/admin/index.php/Jo	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	Wireless Smart Public Announcement System Using Bluetooth Technology	PUBMED	5696-27511-1-SM.DOCX	
AEC0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	INTERNATIONAL	A high isolation SIW based Self-diplexing antenna	IEEE	979-8-3503-9076-6	
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AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	INTERNATIONAL	A low profile broadband circularly polarized planar antenna with an embedded slot realized on a reactive impedance surface	THOMPSON & REUTERS	https://doi.org/10.1016/j.aeue.2019.06.006	Shyam Sundar Jash, Chiranjib Goswami, Rowdra Ghatak, "A low profile broadband circularly polarized planar antenna with an embedded dot realized on a reactive impedance surface", International Journal of Electronics and Communications (AEU), (Elsevier) Vol.108, p.p.62-72, August 2019.
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AEC0120	Dr. Rupam Das	ECE	Assistant Professor	INTERNATIONAL	Resistorless current mode precision rectifier using EXCCCH	WEB OF SCIENCE	https://doi.org/10.1007/s10470-020-01657-2	
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AEC0120	Dr. Rupam Das	ECE	Assistant Professor	INTERNATIONAL	A floating incremental meminductor emulator using voltage differencing inverted buffered amplifier	WEB OF SCIENCE	https://doi.org/10.1142/S0218126623502432	
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AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	INTERNATIONAL	A Compact Quad-Band Sickle-Shaped Monopole Antenna for GSM 900W/Max/WLAN	SCLTech Science Press	ISSN:1546-2226	
AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	INTERNATIONAL	Design of Fire Fighting Robot with the Real Time Surveillance System	ZENODO	DOI: https://doi.org/10.5281/zenodo.11183346	
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AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Automatic Railway Gate Control Using "Arduino and IR Sensor"	Mantech	MT/1704/2017	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Amplitude modulation technique in the field of communication by current mode	SCOPUS	1673-054X	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Metamaterial Embedded Multi-Notched UltraWideband Monopole Antenna	WEB OF SCIENCE	1553-0396	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Low Power Intelligent Robotic Floor Cleaner using Solar Panel	WEB OF SCIENCE	ISSN 2582 3930	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Metamaterial Embedded Multi-Notched UltraWideband Monopole Antenna	WEB OF SCIENCE	ISSN: 1553-0396	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Low-Frequency Resistorless Electronically Tunable Quadrature Oscillator Based on an EX-CCCH	WEB OF SCIENCE	https://doi.org/10.1007/s11664-023-10814-y	

AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Systematic Realization of VGDA based comb filter for Biomedical Signal	SCOPUS	ISSN: 0765-0019	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Novel simulator designed for grounded negative inductance with lossless characteristics incorporated with single OTRA	WEB OF SCIENCE	https://doi.org/10.1016/j.memori.2023.100089	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	INTERNATIONAL	Circular Shaped Meta-Surface Embedded Monopole Antenna for Ultra Wideband MIMO Applications with Frequency Notched	IEEE	979-8-3503-9075-9	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Design of Small Model of Bladeless Wind Turbine Using Vortex Flow with the Concept of Storage of Energy	WEB OF SCIENCE	2823/5243	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Effect of Interface Defect in ZnO/Si Heterojunction Solar Cell	WEB OF SCIENCE	2815/5232	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	First Order Filter Employing Operational Transresistance Amplifier Having Multi Input Single Output	THOMPSON & REUTERS	2768/5171	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	CPW Wideband Octagonal Microstrip Antenna	THOMPSON & REUTERS	2596/2975	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	A Comparative study of different mode of data transfer	THOMPSON & REUTERS	http://doi.org/10.5281/zenodo.3241788	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	RFID Technology : A Review of its application in various industries	THOMPSON & REUTERS	DOI: http://doi.org/10.5281/zenodo.4269175	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Towards millimeter wave high efficiency rectification for wireless communication	THOMPSON & REUTERS	1943/2218	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	An experimental study on speaker recognition for speech authentication	THOMPSON & REUTERS	2349-4824 // https://doi.org/10.51193/iajer	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Speaker Recognition on Biometric application	THOMPSON & REUTERS	2395-0056/2395-0072	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design and fabrication of Bladeless Wind power Generator using wind	THOMPSON & REUTERS	978-81-942561-2-0	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	VORTEX FLOW WIND TURBINE : AN EXPERIMENTAL STUDY	WEB OF SCIENCE	2277-1654	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Voltage Mode First Order All Pass Filter Design Using DDA/MCCTC	THOMPSON & REUTERS	2455-4847	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	First Order Filter Employing Operational Transresistance Amplifier Having Multi Input Single Output	THOMPSON & REUTERS	2319-9725	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Co Planar Waveguide in Wideband Microstrip Antenna	THOMPSON & REUTERS	DOI: http://doi.org/10.5281/zenodo.4422472	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Co Planar Waveguide in Wideband Microstrip Antenna	THOMPSON & REUTERS	2582-2993	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Student Management System & Air Board Using Python	THOMPSON & REUTERS	3302/3807	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Heart Attack Prediction using Machine Learning	THOMPSON & REUTERS	3477/3996	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Blood Bank Management System Using Software Logistics	MANTECH PUBLISHER	3484-4005	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of Advanced Rectenna System with the help of Modified Rectifier Design	THOMPSON & REUTERS	2582-7421	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	RFID Technology: A Review of Its Application in Attendance System	MANTECH PUBLICATIONS	zenodo.4269175	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Co Planar Waveguide in Wideband Microstrip Antenna	MANTECH PUBLICATIONS	zenodo.4422472	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of Small Model of Bladeless Wind Turbine Using Vortex Flow with the Concept of Storage of Energy	MANTECH PUBLICATIONS	2823/5243	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Effect of Interface Defect in ZnO/Si Heterojunction Solar Cell	MANTECH PUBLICATIONS	2815/5232	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	First Order Filter Employing Operational Transresistance Amplifier Having Multi Input Single Output	MANTECH PUBLICATIONS	2768/5171	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	CPW Wideband Octagonal Microstrip Antenna	MANTECH PUBLICATIONS	2596/2975	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Online Voting System	MANTECH PUBLICATIONS	35104109	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Comparative Study on Registration Site for Vaccination Due to Covid-19 Pandemic Situation	WEB OF SCIENCE	DOI	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of Advanced Rectenna System with the help of Modified Rectifier Design	WEB OF SCIENCE	2582-7421	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Leaf Disease Detection Using Biomedical Image Analysis	THOMPSON & REUTERS	3896/4427	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Comparative Study on Registration Site for Vaccination Due to Covid-19 Pandemic Situation	THOMPSON & REUTERS	0000 0000	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of Advanced Rectenna System with the help of Modified Rectifier Design	THOMPSON & REUTERS	2582-7421	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Comparative Study on Registration Site for Vaccination Due to Covid-19 Pandemic Situation	WEB OF SCIENCE	DOI: https://doi.org/10.5281/zenodo.6645962	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Development of New Gaming Zone Using Web Development	WEB OF SCIENCE	DOI: https://doi.org/10.5281/zenodo.6645885	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	A Dual Band Radio Frequency Sensor Antenna for the Measurement of Ambient Radiations at the GSM 800/900/1800/1900 MHz Bands	WEB OF SCIENCE	DOI: https://doi.org/10.5281/zenodo.7985439	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Automatic Railway Gate Control Using "Arduino and IR Sensor"	WEB OF SCIENCE	https://mantechpublications.com/admin/index.php/Jo	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of Radio Frequency Sensor Antenna for the measurement of Ambient radiations at the GSM Bands	WEB OF SCIENCE	5341/5929	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Internet of Things-enabled Smart Home Security System	WEB OF SCIENCE	3451/16498	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Customer Focused Ecommerce Site With AI Bot	WEB OF SCIENCE	NCCICMDE 2023	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Online Logistics Chatbox System-A beautiful application of Artificial Intelligence	WEB OF SCIENCE	NCCICMDE 2023	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of a Home Security System Using IOT	WEB OF SCIENCE	5345/5933	

AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Low Power Intelligent Robotic Floor Cleaner using Solar Panel	SCOPUS	DOI: 10.5504/IJSREM22686	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Study of Mechanical Properties of FDM 3D Printed LDPE Material	THOMPSON & REUTERS	(NCCICMDE – 2023)	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	A commercial support by Customer Focused Ecommerce Site with the help of AI Bot	THOMPSON & REUTERS	(NCCICMDE – 2023)	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Application of Artificial Intelligence system in Online Logistics Chatbox System	THOMPSON & REUTERS	(NCCICMDE – 2023)	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Air Pollution Monitoring System	WEB OF SCIENCE	5357/5950	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of AI system in Flexible Online Logistics Chatbox System	SCOPUS	1137-2346	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of a Ecommerce Site With AI Bot- A customaries application	SCOPUS	1137-2346	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	IoT Based Smart Electricity Energy Meter using ESP8266 and BLE module	HBRP	DOI: https://doi.org/10.5281/zenodo.10025472	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Experimental Survey on Tesla Coil for Obtaining High Voltage at High Frequency	HBRP	https://doi.org/10.5281/zenodo.10024517	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of a Monitoring System to Control the Air Pollution Quality using Advanced Electronics	HBRP	https://doi.org/10.5281/zenodo.10025121	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of Arduino and IR Sensor to Design A System of Automatic Surveillance System	HBRP	https://doi.org/10.5281/zenodo.10023995	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Comprehensive Methods for the Analysis of Biomedical Image (Plant Leaf)	SCOPUS	DOI: https://doi.org/10.5281/zenodo.10720443	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Application of AI system in Flexible Online Logistics Chatbox System	SCOPUS	1137-2346	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of a Ecommerce Site With AI Bot- A customaries application	SCOPUS	ISSN NO. 1137-2346	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of Night Surveillance Robot with the integration of a Position Tracking System	HBRP	https://doi.org/10.5281/zenodo.11102038	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	OctaWave: A Wideband Microstrip Antenna Design for CPW Applications	SCOPUS	DOI: https://doi.org/10.5281/zenodo.10929805	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of Night Surveillance Robot with the integration of a Position Tracking System	SCOPUS	DOI: https://doi.org/10.5281/zenodo.11102038	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Design of Fire Fighting Robot with the Real Time Surveillance System	HBRP	DOI: https://doi.org/10.5281/zenodo.11183346	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Wireless Smart Public Announcement System Using Bluetooth Technology	ZENODO	5696-27511-1-SM.DOCX	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Low Power Intelligent Robotic Floor Cleaner using Solar Panel	UGC CARE	ISSN: 2582-3930	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm	IEEE	9.80E+12	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	A high isolation SIW based Self-diplexing antenna	IEEE	979-8-3503-9076-6	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	A Comprehensive Study: Mental Health Status Prediction Using Machine Learning	Crossref	2582-3930	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	VITA and CDTA based Grounded Flux Controlled Meanderlines	IEEE	979-8-3503-9076-6	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	CPW-Fed Wideband Microstrip Antenna: The OctaWave Design	HBRP PUBLICATIONS	2582-4341	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Machine Learning for Early Detection of Heart Attack: A Comparative Analysis	HBRP PUBLICATIONS	2582-4341	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Optimized Wideband Microstrip Antenna Design: Octa Wave for CPW Applications	HBRP PUBLICATIONS	2582-4342	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	NATIONAL	Optimizing Last-Mile Delivery in Indian E-Commerce Using Real Time Tracking	MANTECH PUBLICATIONS	2395-6712	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Tesla Coils Unleashed: A Survey on High Voltage and Resonance Capacitance	HBRP PUBLICATIONS	3048-8311	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Antenna Technologies for 6G Wireless Communication: A Brief	ISJEM	2583-6129	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	INTERNATIONAL	Study of Multiband Microstrip Patch Antenna Design for Wireless Communication	ISJEM	ISSN: 2583-6129	
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	INTERNATIONAL	An UWB Impedance rings fractal monopole antenna with dual-notch characteristics	WEB OF SCIENCE	DOI: 10.1002/nmcc.21777	
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	INTERNATIONAL	UWB monopole antenna with dual-band-notched characteristics	WEB OF SCIENCE	https://doi.org/10.1002/nmcc.32112	
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	INTERNATIONAL	A Multiband antenna using plus-shaped fractal-like elements and stepped ground plane	WEB OF SCIENCE	https://doi.org/10.1002/nmcc.22169	
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	INTERNATIONAL	Prediction of health monitoring with deep learning using edge computing	SCOPUS	https://doi.org/10.1016/j.mcaisen.2022.100604	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	A comparative analysis of the photoluminescence spectra of annealed ultrasmall In-rich InGaInGaIn quantum dots	THOMPSON & REUTERS	ISSN: 0030-4026	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Effect of Spontaneous and Piezoelectric Polarization on the Optical Properties of AlGaInGaIn Quantum Well	NA	ISSN (Online) : 2319 - 8753 ISSN (Print) : 2347 -	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Strain Effect On InGaInGaIn Quantum Well	NA	ISSN(Online): 2319-8753 ISSN (Print): 2347-6710	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Cyber security issues in Indian systems	NA	0019-5537	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Blood Oxygen & Heart Rate BPM Checker using Node MCU	NA	2582-7421	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	LPG Gas Accident Alert, Prevention and Automatic Gas Detection Alert System	WEB OF SCIENCE	2349-5162	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	A Step Towards the Future: Piezoelectric Power Generation	NIL	2582-7421	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Implementation of an Animal Detection and Repellent System for Crop Protection	NA	2582-7421	
AEC0128	Soumen Sen	ECE	Assistant Professor	INTERNATIONAL	Anti Sleep Alarm for Drivers	NA	2349-5162	
AEC0132	Dr. Saswata Chakraborty	ECE	Assistant Professor	INTERNATIONAL	GESTURE CONTROL USING PYTHON	WEB OF SCIENCE	2582-7421	

AEC0152	Dr. Saswata Chakraborty	ECE	Assistant Professor	INTERNATIONAL	Analysis of Machine Learning and Deep Learning Methodologies for Classification and Detection	SCOPUS	2147-6792	
AEC0152	Dr. Saswata Chakraborty	ECE	Assistant Professor	INTERNATIONAL	Circular Shaped Meta-Surface Embedded Monopole Antenna for Ultra-Wideband MIMO Applications with Frequency Notched	IEEE	979-8-3503-9075-9	
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	Reduction of Mutual Coupling and Cross-Polarization of Microstrip MIMO Antenna using Electromagnetic Soft Surface (EMSS)	WEB OF SCIENCE	ISSN No.-1944-799X/DOI-10.1029/2021RS007377	Swati Bhattacharjee et al. "Reduction of Mutual Coupling and Cross-Polarization of Microstrip MIMO Antenna Using Electromagnetic Soft Surface (EMSS)" Radio Science, Vol-57, Issue-5 e2021RS007377. https://doi.org/10.1029/2021RS007377 , (28.04.2022)(SCI-index)-Journal impact factor-1.678.
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	Study of decoupling between closely spaced microstrip MIMO antennas using microstrip resonator	SCOPUS	1755-9340/ 10.1504/IJSCC.2022.10051961	Swati Bhattacharjee et al. "Study of Decoupling between Closely Spaced Microstrip MIMO antennas using Microstrip Resonator" International Journal of Systems, Control and Communications-Inderscience https://doi.org/10.1504/IJSCC.2023.129934 Vol. 14, No. 2, 2023 (Scopus- Elsevier Index)-Journal Impact Factor-0.707
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	A Survey on Micro strip Patch Antenna and its Applications	THOMPSON & REUTERS	DOI: 10.17148/IJARCC.2023.121116	Swati Bhattacharjee et al. "A Survey on Microstrip Patch Antenna and its Application" IJARCC ISSN (OJ) 2278-1021, ISSN (P) 2319-5940, DOI: https://doi.org/10.17148/IJARCC.2023.121116 , November 2023.
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	Review of decoupling techniques in MIMO systems	THOMPSON & REUTERS	http://doi.org/10.1729/Journal.36948	Swati Bhattacharjee et al. "Review of decoupling techniques in MIMO systems" Journal of Emerging Technologies and Innovative Research (JETIR) November 2023, ISSN:2349-5162
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	REVIEW ARTICLE ON ANTENNA DESIGN STRUCTURE FOR METASURFACE MIMO	THOMPSON & REUTERS	https://www.doi.org/10.58257/IJPREMS23784	Swati Bhattacharjee et al. "Review of decoupling techniques in MIMO systems", November 2023, ISSN: 2349-5162
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	A RESEARCH ARTICLE OF MOBILE COMMUNICATION IN 5G NETWORK	THOMPSON & REUTERS	2583-1062	Swati Bhattacharjee et al. "A RESEARCH ARTICLE OF MOBILE COMMUNICATION IN 5G NETWORK" in International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Volume 04, Issue 03,
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	INTERNATIONAL	Suppression of Mutual coupling and crosspolarization between Closely Spaced Microstrip MIMO Antennas by using a planar frequency-selective surface structure	IEEE xplore	979-8-3503-9075-9	Swati Bhattacharjee et al. "Suppression of Mutual coupling and cross-polarization between Closely Spaced Microstrip MIMO Antennas by using a planar frequency-selective surface structure" IEEE International Conference on Communication, Computing & Signal Processing (ICCCS-2024) dated-19.09.2024-20.09.2024 ISSN:979-8-3503-9075-9
AEC0196	GURJEET SINGH	ECE	Assistant Professor	INTERNATIONAL	ELECTRIC CAR PRICE PREDICTION SYSTEM	WEB OF SCIENCE	2349-6002	
AEC0196	GURJEET SINGH	ECE	Assistant Professor	INTERNATIONAL	Comprehensive Methods for the Analysis of Biomedical Image (Plant Leaf)	SCOPUS	https://doi.org/10.5281/zenodo.10720443	
AEC0196	GURJEET SINGH	ECE	Assistant Professor	INTERNATIONAL	Forest Fire Detection System	WEB OF SCIENCE	eISSN: 2249-474X	
AEC0196	GURJEET SINGH	ECE	Assistant Professor	INTERNATIONAL	Advancements in Robotic Arm Design: Analyzing Gripping and Grasping	WEB OF SCIENCE	ISSN: 2249-4731 (Online)	
AEC0196	GURJEET SINGH	ECE	Assistant Professor	INTERNATIONAL	Machine Learning for Early Detection of Heart Attack: A Comparative Analysis	HBRP PUBLICATIONS	2582-4341	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	INTERNATIONAL	Antenna Technologies for 6G Wireless Communication: A Brief Review	ISIEM	2583-6129	
AEC0038	Mahendra Nandi	EE	STA	INTERNATIONAL	TCSC based automatic generation control of deregulated power system using quasi-oppositional particle swarm optimization	WEB OF SCIENCE	2215-0986	
AEC0038	Mahendra Nandi	EE	STA	INTERNATIONAL	Frequency stabilization of multi-area multi-source interconnected power system using TCSC and particle swarm optimization	WEB OF SCIENCE	2352-152X	
AEC0038	Mahendra Nandi	EE	STA	INTERNATIONAL	A multi-flame optimization for UPFC-RFB-based load frequency stabilization of a realistic power system with particle swarm optimization	WEB OF SCIENCE	2364-1827	
AEC0038	Mahendra Nandi	EE	STA	INTERNATIONAL	Multi-flame algorithm for TCSC and SMES-based controller design in automatic generation control of a two-area multi-unit	WEB OF SCIENCE	2364-1827	
AEC0038	Mahendra Nandi	EE	STA	INTERNATIONAL	Load frequency stabilization of stand-alone hybrid distributed generation system using QOHS	WEB OF SCIENCE	1099-1204	
AEC0134	Kaushik Neogi	EE	Assistant Professor	INTERNATIONAL	A new approach for the stability analysis of high-frequency series resonant inverter-fitted induction motor	WEB OF SCIENCE	2090-4479	
AEC0134	Kaushik Neogi	EE	Assistant Professor	INTERNATIONAL	A review work on high frequency Induction curing of porous asphalt concrete	SCOPUS	2088-8694	
AEC0137	Sucharita Pal	EE	Assistant Professor	INTERNATIONAL	Performance Evaluation of a multi-input Interleaved Boost Converter with a Tuned Proportional-integral Controller	China Machine India	2836-4619	
AEC0137	Sucharita Pal	EE	Assistant Professor	INTERNATIONAL	Adaptation of fractional-order PI controller for a variable input interleaved DC-DC boost converter using particle swarm optimization with	ELSEVIER	2468-6018	
AEC0138	Agamani Chakraborty	EE	Assistant Professor	NATIONAL	An Interference of High Frequency Series Resonant Inverter in Domestic Induction Heater Estimation in Emission Control Using Particle Swarm Optimization	WEB OF SCIENCE	2083-4195	
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Optimal power flow by particle swarm optimization with an aging leader and challengers	WEB OF SCIENCE	DOI: http://dx.doi.org/10.4314/ijest.v7i3.155	Singh, Rudra Pratap, V. Mukherjee, and S. P. Ghoshal "Optimal power flow by particle swarm optimization with an aging leader and challengers." International Journal of Engineering, Science and Technology, 2017, 7(3), 155-157
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Particle swarm optimization with an aging leader and challengers for optimal power flow problem	WEB OF SCIENCE	2347 - 9280	Prasad, D., Singh, Rudra Pratap, and Mukherjee, V. "Particle Swarm Optimization with an Aging Leader and Challengers for Optimal Power Flow Problem." International Journal of Advanced Computing and Communication Systems 4, no. 1 (July 2017)
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Particle swarm optimization with an aging leader and challengers algorithm for the solution of optimal power flow problem	SCOPUS	http://dx.doi.org/10.1016/j.asoc.2015.11.027	Prasad, D., Rudra Pratap Singh, and V. Mukherjee. "Particle Swarm Optimization with an Aging Leader and Challengers Algorithm for the Solution of Optimal Power Flow Problem." Applied Soft Computing 40 (March 2016): 161-177.
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AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Model order reduction of proton exchange membrane fuel cell system using student psychology based optimization algorithm	SCOPUS	0360-3199	Roy, R., V. Mukherjee, and Rudra Pratap Singh. "Model Order Reduction of Proton Exchange Membrane Fuel Cell System Using Student Psychology Based Optimization Algorithm." <i>International Journal of Hydrogen Energy</i> 46, no. 75 (October 2021): 37367-37378.
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Application of SOS Algorithm for Solution of ORPD Problem	SCOPUS	https://doi.org/10.1007/s40031-021-00700-8	Prasad, D., V. Mukherjee, and Rudra Pratap Singh. "Application of SOS Algorithm for Solution of ORPD Problem." <i>Journal of the Institution of Engineers (India): Series B</i> 103, no. 3 (2022): 747-766.
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Harris hawks optimization algorithm for model order reduction of interconnected wind turbines	SCOPUS	https://doi.org/10.1016/j.isatra.2021.09.019	Roy, R., V. Mukherjee, and Rudra Pratap Singh. "Harris Hawks Optimization Algorithm for Model Order Reduction of Interconnected Wind Turbines." <i>ISA Transactions</i> 128 (2022): 372-385.
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Modified student psychology-based optimization-based model order reduction of power system	SCOPUS	2772-6711	Singh, Rudra Pratap, V. Mukherjee, and D. Prasad. "Application of Student Psychology Based Optimization Algorithm in Model Order Reduction of Power Systems." <i>e-Prime: Advances in Electrical Engineering, Electronics and Energy</i> 7 (2024): 100497.
AEC0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	INTERNATIONAL	Re-entry Vehicle Tracking Using Adaptive Extended Kalman Filter from Discrete Noisy Measurements	Springer	22500545	Singh, Rudra Pratap, V. Mukherjee, and Dharmbir Prasad. "Re-entry Vehicle Tracking Using Adaptive Extended Kalman Filter from Discrete Noisy Measurements." <i>Journal of the Institution of Engineers (India): Series C</i> 106 (2025): 97-107.
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	INTERNATIONAL	Study on Simulators of Vehicular Ad-hoc Networks for Evaluating the Performance in Certain	SCOPUS	ISSN: 0975-3060 (Print), 0975-3540 (Online)	
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	INTERNATIONAL	Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm	IEEE	9.80E+12	
AEC0153	Sudip Kumar De	IT	Assistant Professor	INTERNATIONAL	Construction of energy minimized WSN using GA-SAMP-MWPSO and K-mean clustering algorithm with LDCF deployment strategy	WEB OF SCIENCE	https://doi.org/10.1007/s11227-021-04265-7	Banerjee, Avishkek, Sudip Kumar De, Koushik Majumder, Dinesh Dash, and Sanjran Chattopadhyay. "Construction of energy minimized WSN using GA-SAMP-MWPSO and K-mean clustering algorithm with LDCF deployment strategy." <i>The Journal of Supercomputing</i> 78, no. 8
AEC0153	Sudip Kumar De	IT	Assistant Professor	INTERNATIONAL	Minimizing the Energy Consumption of WSN Using Noble SMOWA-GA Algorithm	SCOPUS	10.4018/IJAMC.298313	De, Sudip Kumar, Avishkek Banerjee, Koushik Majumder, and Sanjran Chattopadhyay. "Minimizing the energy consumption of WSN using noble SMOWA-GA algorithm." <i>International Journal of Applied Metaheuristic Computing (IJAMC)</i> 13, no. 1
AEC0153	Sudip Kumar De	IT	Assistant Professor	INTERNATIONAL	Coverage Area Maximization Using MOFAC-GA-PSO Hybrid Algorithm in Energy	WEB OF SCIENCE	10.1109/ACCESS.2023.3313000	De, Sudip Kumar, Avishkek Banerjee, Koushik Majumder, Ketan Kotecha, and Ajith Abraham. "Coverage area maximization using MOFAC-GA-PSO hybrid algorithm in energy efficient WSN
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	Minimizing the Energy Consumption of WSN Using Noble SMOWA-GA Algorithm	SCOPUS	10.4018/IJAMC.298313	De, Sudip Kumar, Avishkek Banerjee, Koushik Majumder, and Sanjran Chattopadhyay. "Minimizing the energy consumption of WSN using noble SMOWA-GA algorithm." <i>International Journal of Applied Metaheuristic Computing (IJAMC)</i> 13, no. 1
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	CO-BOT: An Intelligent Technique for Designing a Chatbot for Initial COVID-19 Test	SCOPUS	https://doi.org/10.30564/ijser.v14i4.5287	Das, Projit, Iru Nath, Avishkek Banerjee, and Laxminarayana Sahoo. "CO-BOT: An Intelligent Technique for Designing a Chatbot for Initial COVID-19 Test [J]." <i>Computer Science Research</i> 14(4): 267-274.
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	An Approach to Detect Fake Profiles in Social Networks Using Cellular Automata-Based PageRank Validation Model Involving Energy Transfer	WEB OF SCIENCE	https://link.springer.com/article/10.1007/s42978-0	Mitra, Arnab, Anirban Kundu, Mitalgini Chattopadhyay, and Avishkek Banerjee. "An approach to detect fake profiles in social networks using cellular automata-based PageRank validation model involving energy transfer." <i>SN Computer Science</i> 3, no. 6 (2022): 423.
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	Coverage Area Maximization Using MOFAC-GA-PSO Hybrid Algorithm in Energy	SCOPUS	10.1109/ACCESS.2023.3313000	De, Sudip Kumar, Avishkek Banerjee, Koushik Majumder, Ketan Kotecha, and Ajith Abraham. "Coverage area maximization using MOFAC-GA-PSO hybrid algorithm in energy efficient WSN
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	Antibacterial Activity and Characterization of CaO Nanoparticles Synthesized	SCOPUS	https://doi.org/10.2174/01221155013544852501140949	Maji, Joydree, and Avishkek Banerjee. "Antibacterial Activity and Characterization of CaO Nanoparticles Synthesized from Eggshell." <i>Current Biotechnology</i> 13(4): 307-314.
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	Differential Evolution and Neural Network-Based Approach to Optimize Coverage Area of Wireless Sensor Network	Springer Nature	2661-8907	Das, Victor, Avishkek Banerjee, Iru Nath, Muhammad S. Ohsaidi, and Nirajan K. Ray. "Differential Evolution and Neural Network-Based Approach to Optimize Coverage Area of Wireless Sensor Network." <i>SN Computer Science</i> 6, no. 5 (2025):
AEC0720	Dr. Avishkek Banerjee	IT	Associate Professor	INTERNATIONAL	Air Quality Analysis through IoT Device and Risk Prediction of Asthma Attack using ML Techniques	Bernham Science	2352-0965	Banerjee, Avishkek, Satyan Kumar Mallick, Akash Yadav, Amit Chakraborty, Sheshikala Marha, and Jagendra Singh. "Air quality analysis through IoT device and risk prediction of asthma attack using ML techniques." <i>Recent Advances in Electrical &</i>
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	CORROSION PREDICTION OF MAGNESIUM IMPLANT USING MULTISCALE MODELING BASED ON MACHINE LEARNING	WEB OF SCIENCE	DOI: 10.1615/IntJMultCompEng.2023050288	
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	A Comprehensive Study on BLE Enabled IoT Based Tracking System (BTS) for	SCOPUS	DOI: 10.1109/ICCIoT99759.2024.10467984	
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	Design Optimization of GaN-Based Terahertz IMPATT Sources by Using Artificial Neural Networks	Springer Nature	2250-2130	
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	Accelerated Prediction of Terahertz Performance Metrics in GaN IMPATT Sources via Artificial	IEEE	2169-3536	
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	A Smart IoT-Based Environmental Monitoring (SIEM) Approach for Coal Mines Safety and Risk	Springer Nature	2250-2130	
AEC0734	Santu Mondal	IT	Assistant Professor	INTERNATIONAL	An AI enhanced IoT driven localization system (AIILS) for underground mine environments through implementation of bluetooth low energy (BLE)	Springer Nature	2250-2122	
AEC0755	Tapas Pal	IT	Assistant Professor	NATIONAL	CT-GANet: A Fusion of GAN and UNet for CT Image Segmentation of Interstitial Lung Disease	SCOPUS	https://doi.org/10.1007/s40031-025-01203-6	
AEC0156	Robin Kumar Agarwal	Management Studies	Assistant Professor	INTERNATIONAL	ANGEL BROKERS IS CORONA NEGATIVE: A CASE OF SUCCESSFUL DIGITAL	The Australian Business Deans Council (ABDC)	1226-4741	
AEC0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	INTERNATIONAL	Digital Food Marketing in Post COVID-19: The Mediating Role of Relationship Marketing	UGC Care Listed - I	2320 7876	
AEC0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	INTERNATIONAL	The Mediating Role of Digital Marketing Practices in Relationship between the Standard Marketing Strategies and the Market Growth of Fisheries and	SCOPUS	2368-7487	
AEC0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	INTERNATIONAL	Influence of AI driven Digital Marketing on Consumer Purchase Intention: An Empirical	ABDC - C	1526-4726	

AEC0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	INTERNATIONAL	From Human to Virtual Human: An Empirical Study of AI (Artificial Intelligence) in Transforming HR	NA	2320-317X	
AEC0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	INTERNATIONAL	Modelling The Effects of Digital Engagement on Patient Trust and Loyalty: A PLS-SEM Approach in	Green Publication	2405-710X	
AEC0731	Priyanka Kamjilal	Management Studies	Assistant Professor	INTERNATIONAL	HARNESSING AI FOR SUSTAINABLE FUTURE	Swami Vivekananda Global Academy, India	2584-1718	
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	An Investigation on Turning Hardened Steel Using Different Tool Inserts	SCOPUS	DOI: 10.1080/10426914.2015.1117634	Mondal, K., Das, S., Mandal, B., & Sarkar, D. (2016). An Investigation on Turning Hardened Steel Using Different Tool Inserts. Materials and Manufacturing Processes, 31(13), 1770-1781.
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Application of Fuzzy FMEA to Indian Railway Signalling Systems	THOMPSON & REUTERS	2455-5703	Dr. Subhash Chandra Panja, Ramakrishna Prasad Chakraborty, Debashis Sarkar, Ratri Parida, Sankar Narayan Patra (2018). Application of Fuzzy FMEA to Indian Railway Signalling Systems. GRD Journal for Engineering, 3(0), 58-63.
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	NATIONAL	Application of Design of Experimental technique for optimization of product characteristics in the solution combustion processing of phase designed nano-HAp β -TCP	THOMPSON & REUTERS	0368-1106	DEBASHIS SARKAR; Anugam Maiti, Samir Kumar Ghosh, Sankar Narayan Patra. "Application of Design of Experimental Technique for Optimization of Product Characteristics in the Solution Combustion Processing of Phase Pure Nano-Hap", Journal of the Association of Engineers, India , Vol. 89 (1 & 2) (2019) , pp. 41-45
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	NATIONAL	TOOL WEAR ASSESSMENT OF INCONEL 825 MACHINING BY RSM	SCOPUS	10.26480/cic.01.2020.114.117	Das, Monojit, Dhar, Sumit, Sarkar, Debashis, Mandal, Sourav, Panj, Subhash Chandra "TOOL WEAR ASSESSMENT OF INCONEL 825 MACHINING BY RSM" (2020), DOI-
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Analysis of mesostructural characteristics and their influence on tensile strength of ABS specimens manufactured through fused deposition modeling	WEB OF SCIENCE	0268-3768	Sahoo, S., Panja, S.C., Sarkar, D. et al. Analysis of mesostructural characteristics and their influence on tensile strength of ABS specimens manufactured through fused deposition modeling. Int J Adv Manuf Technol 132, 349–363 (2024).
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Analysis of Ade Counter Performance: A Case Study of Kolkata Metro Railway	SCOPUS	DOI 10.1109/AGECS7922.2023.00045	Sau, S., Kumar, S., Sarkar, D., Panja, S. C., Patra, S. N., "Analysis of Ade Counter Performance: A Case Study of Kolkata Metro Railway", Proceedings 2023 International Conference on Advanced and Global Engineering Challenges Agee 2023 , Vol.
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Enhancing the performance of fused filament fabricated ABS through carbon fiber reinforcement: a study on structural integrity and material behavior	Springer	1572-8935	Sahoo, S., Panja, S.C. & Sarkar, D. Enhancing the performance of fused filament fabricated ABS through carbon fiber reinforcement: a study on structural integrity and material behavior. J Polym Res 32, 158 (2025). https://doi.org/10.1007/s10965-025-04387-z
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Synergistic integration of FFF and electroless plating towards a simplistic selective metallization process for electronic applications.	Elsevier	1526-6125	Sovan Sahoo, Subhash Chandra Panja, Debashis Sarkar, Rituparna Saha, Biplab Baran Mandal, Synergistic integration of FFF and electroless plating towards a simplistic selective metallization process for electronic applications. Journal of Manufacturing Processes, Volume 151, 2025, Pages 576-594, ISSN 1526-6125.
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	INTERNATIONAL	Direct Surface-Exposed Nucleation Site Development via a Dip-Coated Filament Strategy for Facile Functional Metallization in Material Extrusion-Based Plastronics	American Chemical Society (ACS)	2637 6113	Sovan Sahoo, Subhash Chandra Panja, Debashis Sarkar, and Rituparna Saha, " Direct Surface-Exposed Nucleation Site Development via a Dip-Coated Filament Strategy for Facile Functional Metallization in Material Extrusion-Based Plastronics", ACS Applied Electronic Materials Article ASAP DOI: 10.1021/acsaem.5c01677
AEC0063	P Krishna Rao	ME	Technical Assistant	INTERNATIONAL	Re-entry Vehicle Tracking Using Adaptive Extended Kalman Filter from Discrete Data Measurements.	Springer	22500545	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	INTERNATIONAL	Development and applications of shear deformation theories for laminated composite plates.	WEB OF SCIENCE	https://doi.org/10.1177/0892705720930765	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	NATIONAL	Numerical Analysis of Cyclone Separator	SCOPUS	ISSN: 2349-4786 (Online)	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	NATIONAL	Bending analysis of orthotropic laminated composite plates using first order shear deformation	SCOPUS	ISSN: 2394 – 3343	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	INTERNATIONAL	FREE VIBRATION ANALYSIS OF ORTHOTROPIC LAMINATED COMPOSITE PLATES USING FIRST ORDER SHEAR DEFORMATION	SCOPUS	http://doi.org/10.5281/zenodo.580442	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	INTERNATIONAL	Backling Analysis of Nonlinear First Order Shear Deformation Composite	WEB OF SCIENCE	https://doi.org/10.1007/978-981-16-0550-5_60	
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	INTERNATIONAL	The Critical Role of NPSP in Pump Operation: Implications for Efficiency, Cavitation Prevention and	HIETA	2369-0747	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Milk storage system for remote areas using solar thermal energy and	SCOPUS	ISSN: 2214-7853	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Influence of bed temperature on performance of silica gel/methanol adsorption refrigeration system at adsorption	THOMPSON & REUTERS	ISSN: 0272-6351	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Influence of initial bed temperature on bed performance of an adsorption refrigeration	THOMPSON & REUTERS	ISSN / eISSN: 1300-3615	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	An overview of modeling techniques employed for performance simulation of low- grade heat operated adsorption cooling systems	WEB OF SCIENCE	ISSN: 1364-0321	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Study of a two bed silica gel water adsorption chiller: Performance analysis	SCOPUS	http://dx.doi.org/10.1080/14786451.2016.1173696	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	A review on low grade heat powered adsorption cooling systems for ice production.	WEB OF SCIENCE	http://dx.doi.org/10.1016/j.esr.2016.04.036	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	A review on adsorption cooling systems with silica gel and carbon as	WEB OF SCIENCE	http://dx.doi.org/10.1016/j.esr.2015.01.039	
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AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	A review on adsorption isotherms and kinetics of CO2 and various adsorbent pairs suitable for carbon capture and green refrigeration applications	THOMPSON & REUTERS	https://doi.org/10.1007/s12046-023-02080-9	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Influence of Performance of an Adsorption Chiller Using Diesel Truck Exhaust: Effect of Operating	SCOPUS	https://doi.org/10.1080/2374068X.2023.2198825	

AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Comparative Study on Performances of Waste Heat Driven Adsorption Cooling System Using Silica Gel/Methanol and Silica Gel/Water Working Pair	IIETA	2116-7087	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Optimization of Hydrogen Energy Share in Dual-Fuel and RCCI Engines: An Assessment Through Simulations	IIETA	2116-7087	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Maximizing energy savings in coal mines industrial ventilation: strategies and analysis for power reduction	Springer Nature	3004-9261	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	The Critical Role of NPSH in Pump Operation: Implications for Efficiency, Cavitation Prevention and	IIETA	2369-0747	
AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Petri Net Model Analysis for Evaluating the Reliability of Highwall Machines with Eight	Springer	2250-2130	
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AEC0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	INTERNATIONAL	Adsorption working pairs for CO ₂ -based refrigeration systems: a comprehensive review and thermodynamic	Taylor and Francis	0143-0750	
AEC0170	ANISH DEB	ME	Assistant Professor	NATIONAL	Design of Small Model of Bladeless Wind Turbine Using Vortex Flow with the Concept of Storage of	others	2823-3243	
AEC0170	ANISH DEB	ME	Assistant Professor	NATIONAL	Vortex Flow Wind Turbine: an experimental study	Kalyani Govt Engineering College	2277-1654	
AEC0170	ANISH DEB	ME	Assistant Professor	NATIONAL	Comprehensive Methods for the Analysis of Biomedical Image (Plant Leaf)	HBRP PUBLICATION	10.5281/zenodo.10720443	
AEC0171	Dr. Sarwendu Paul	ME	Assistant Professor	INTERNATIONAL	System identification and multi-fault isolation for a hydraulic drive with pump	WEB OF SCIENCE	10.1177/1748006x16655672	
AEC0171	Dr. Sarwendu Paul	ME	Assistant Professor	INTERNATIONAL	Model-based single fault disambiguation and fault tolerant control for a hydraulic drive using	WEB OF SCIENCE	10.1007/s40430-017-0754-4	
AEC0171	Dr. Sarwendu Paul	ME	Assistant Professor	INTERNATIONAL	Detecting Single Faults in Cam-Follower Systems Using Bond Graph Methodology	SCOPUS	1001-4055	
AEC0173	SURAJ YADAV	ME	Assistant Professor	INTERNATIONAL	Free Vibration Analysis of an Orthotropic Plate by Dynamic Stiffness Method and Wittrick-Williams	SCOPUS	2214-7853	
AEC0173	SURAJ YADAV	ME	Assistant Professor	INTERNATIONAL	Effect of Heat Treatment on the Material Property and Cell Viability of Wire Arc Additively Manufactured	THOMPSON & REUTERS	https://doi.org/10.1021/acsabm.4c00130	
AEC0173	SURAJ YADAV	ME	Assistant Professor	INTERNATIONAL	Review of current challenges in the implementation of WAAM	THOMPSON & REUTERS	https://doi.org/10.1007/s00170-024-13958-1	
AEC0173	SURAJ YADAV	ME	Assistant Professor	INTERNATIONAL	Influence of post-deposition aging treatment (PDAT) on microstructural and mechanical properties of wire arc directed energy deposited Ti6Al4V thin wall	THOMPSON & REUTERS	1355-2546	
AEC0174	KAUSHAL KISHORE	ME	Assistant Professor	INTERNATIONAL	Densification change due to effect of liquid phase sintering on 90-W-7Ni-3Fe alloy at different pressing	SCOPUS	https://doi.org/10.1016/j.matpr.2023.11.043	
AEC0177	Dr. SRIDAN PAUL	ME	Assistant Professor	INTERNATIONAL	A STUDY ON POROSITY IN MICRO-SELECTIVE LASER SINTERING OF	SCOPUS	0972-7396	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	LANDSAT 8 OLI SATELLITE IMAGE CLASSIFICATION USING CONVOLUTIONAL	SCOPUS	https://doi.org/10.1016/j.procs.2020.03.308	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Fabrication of Macroporous Silicon and its Electrical Behaviour Study with	SCOPUS	DOI.ORG/10.1007/978-1-138-02952-1	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Face Mask Detection Model for the identification of non-masked faces using an Artificial Neural Network	WEB OF SCIENCE	ISSN: 2394 - 658X	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Converting Audio Signal into Text in Python Using Speech Recognition API	WEB OF SCIENCE	ISSN: 2394 - 658X	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Satellite Image Classification using a Hybrid Manta Ray Foraging Optimization Neural	SCOPUS	ISSN 2096-0654 CN 10-1514/G2	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Comparative Study on Registration Site for Vaccination Due to Covid-19	WEB OF SCIENCE	2582-2993	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Intelligent Drowsy Drive Alert using OpenCV and Convolutional Neural Network	THOMPSON & REUTERS	ISSN: 2321-9653	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Satellite Image Classification Using a Hybrid Manta Ray Foraging Optimization Neural	SCOPUS	DOI: 10.26599/BDMA.2022.9020027	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	DSCNN: Pre Post Flooding Classification of Landsat 8 OLI Images of Florida in USA with Low Time	WEB OF SCIENCE	Communicated (Under Review)	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Low Power Intelligent Robotic Floor Cleaner using Solar Panel	SCOPUS	DOI: 10.5504/IJSREM22686, ISSN: 2582-3930	
AEC0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	INTERNATIONAL	Pre-flood and Post-flood Classification of Landsat 8 OLI Images of Florida in USA with Low Time	WEB OF SCIENCE	https://doi.org/10.1007/s12524-023-01784-z	

List of Books/Book Chapters publications by the faculty members of Asansol Engineering College.

Code	Name	Department	Designation	Category	Title	Publisher	ISBN/ISSN	Citation (Google Scholar-Chicago format)
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	DETECTION OF CANCER FROM MICRO ARRAY GENE EXPRESSION DATA USING FEATURE SELECTION AND	GURU NANAK INSTITUTE OF TECHNOLOGY	ISBN-978-93-5593-089-7	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	SEMI SUPERVISED SVM LEARNING TECHNIQUE FOR LAND-COVER MAPPING USING SPECTRAL	IRAJ	ISSN (p): 2394-2835	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	Tumor Prediction Using Microarray Gene Expression Profiles Through SVM and	Springer Proceedings in Mathematics & Statistics	978-3-031-51167-7	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	DIVING INTO THE ABYSS: UNLEASHING DEEP LEARNING'S POTENTIAL IN	Ideal International E-Publication Pvt. Ltd.	978-81963682-6-5	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	Transforming learning in AI for Energy System: A Knowledge - Cognition - Application	Dr. Sudhir chandra sur Institute of technology & sports	978-81-983133-3-1	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	Harnessing AI&ML in Speech Recognition Systems And Their Relationship to SDG s and	AKINIK publication	978-93-6135-445-8	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	Exploring AI&ML in Water Management System in Smart cities and Its integration with	AKINIK publication	978-93-6135-445-8	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	REVOLUTIONIZING HEALTHCARE WITH AI: A SHIFT TOWARD PREDICTION AND	Infinity Publication	10: 93-89476-76-3	
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Chapter Published	The Importance of Explainable AI in the Era of Agentic Systems	An EFY GROUP publication	ISSN:2456-4885	
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	A strategic Review on MIR Photodetector: Present Status and Future Trends	SPRINGER	https://doi.org/10.1007/978-981-99-3315-0_50	Bhaskar Roy, Md. Aref Billaham, Ritam Dutta and Debasis Mukherjee, "A strategic Review on MIR Photodetector: Present Status and Future Trends. In: Hassanien, A.E., Castillo, O., Anand, S., Jaiswal, A. (eds) International Conference on Innovative Computing and Communications. ICICC 2023. Lecture Notes in Networks and Systems, vol 703. Springer, Singapore, 2023. (https://doi.org/10.1007/978-
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	Design of improved Acetone Gas Sensor Based on ZnO Doped r-GO nanosheets	Trans Tech Publications	978-3-0364-0126-3	<i>Gansodkar , Lalita Rang , Sai Ashish Kumar Karanam , Pratibha Daware , Gem Taka , Bhaskar Roy, "Design of improved Acetone Gas Sensor Based on ZnO Doped r-GO nanosheets", Materials Technologies and Application , Trans Tech Publications, Vol. 1068, pp 55-61,2022. ISBN: 978-3-0364-0126-3. (https://www.scientific.net/MSF.1068.55)</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	Multi-Node Data Privacy Audit for Blockchain Integrity	Taylor and Francis Group -CRC	978-100-32-6928-1	<i>Sarangni, S. Balasubramanian and Bhaskar Roy, "Multi-Node Data Privacy Audit for Blockchain Integrity", in chapter to the "The Data-Driven Blockchain Ecosystem: Fundamentals, Applications and Emerging Technologies" book (ISBN: 978-100-32-6928-1, Publisher: Taylor and Francis Group (CRC Press). (https://doi.org/10.1201/9781003269281)</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	High-Performance Computer-Integrated Microcontrollers for Enhancing Food Quality Monitoring: Innovations and Applications	IGI Global Scientific Publishing	9.78E+12	<i>Computer-Integrated Microcontrollers for Enhancing Food Quality Monitoring: Innovations and Applications". In B. Ben Youssef & M. Ben Ismail (Eds.), Integrating Machine Learning Into HPC-Based Simulations and Analytics (pp. 355-382). IGI Global Scientific Publishing. https://doi.org/10.4018/978-1-6684-3795-</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	Principles and Applications of Bayesian Optimization in AI	De Gruyter	9.78E+12	<i>Dankan, Gowda V., Polamarasetti, Anand, Pullela, S. V. S. R. Kumar, Atul Junnarkar, Aparna and Roy, Bhaskar. "19 Principles and Applications of Bayesian Optimization in AI". Math Optimization for Artificial Intelligence: Heuristic and Metaheuristic Methods for Robotics and Machine Learning, edited by Umesh Kumar Lihore, Vishal Dutt, T. Ananth Kumar, Martin Margala and Kaamran Raahemifar, Berlin, Boston: De Gruyter, April 2025, pp. 391-412.</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	Machine Intelligence and Materials for Sustainable Development	Ideal Publication	978-81-989217-3-4	<i>Bhaskar Roy et al., "18 AI-Powered Computer Vision for Healthcare Diagnostics: Enhancing Early Detection and Treatment Accuracy". Machine Intelligence and Materials for Sustainable Development, edited by Dr. ranjan Kumar and Dr. Arnav Das, Ideal Publication, Sep 2025, pp.74- 79. ISBN 978-81-989217-3-4, https://doi.org/10.71431/978-81-989217-3-4</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Chapter Published	Development of Power Transfer System in Wireless Mode	Springer	978-981-95-1682-7	<i>S., Tan, T.D. (2026). Development of Power Transfer System in Wireless Mode. In: Kumar, A., Rathore, P.S., Judrez-Ramirez, R. (eds) Deep Quantum Neural Networks: Signals and Communication Technology. Springer, Singapore. https://doi.org/10.1007/978-981-95-1683-4_3</i>
AEC/0750	SANTOSH PRABHAKAR	AIML	Assistant Professor	Books Chapter Published	SensAI: An Agentic AI Application for Launching Applications, Web Search and	AkiNik Publications	978-93-6135-445-8	https://doi.org/10.22271/ed.book.3224
AEC/0115	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	Books Published	CODE & COMPUTE - "C FOR MODERN ENGINEERING MINDS"	Monica Bhandari	13 978-8199297494	
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AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Published	Introduction to PIC Microcontroller	NOTION PRESS	979-8887339481	<i>Dr. Santosh Kumar, Dr. Anshu Kumar, Dr. Yogendra Narayan, Bhaskar Roy, "Introduction to PIC Microcontroller", 1st Edition, Notion Press, ISBN: 979-8887339481, 2022. (https://notionpress.com/read/introduction-to-pic-microcontroller/)</i>
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Published	Nanotechnology's Advantages and uses in Agriculture	Cosmos Scientific Publications	978-81-19359-44-8	<i>Advantages and uses in Agriculture", 1st Edition, Cosmos Scientific Publications, ISBN: 978-81-19359-44-8, 2023. (https://cosmos.org/store/engineering/nanotechnology-advantages-and-uses-in-agriculture/)</i>

AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Published	AI & ML - THEORETICAL APPROACH	Scientific International Publishing House	978-93-6674-661-6	APPROACH", 1st Edition, Scientific International Publishing House, ISBN: 978-93-6674-661-6, 2024. (https://sipinternationalpublishers.com/product-detail.php?PID=Mk4NA==)
AEC/0737	Dr. BHASKAR ROY	AIML	Assistant Professor	Books Published	INTRODUCTION TO PYTHON - A COMPREHENSIVE GUIDE FOR BEGINNERS	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-7196-771-6	Comprehensive Guide for Beginners", 1st Edition, Scientific International Publishing House, ISBN: 978-93-7196-771-6, 2025. (https://sipinternationalpublishers.com/product-detail.php?PID=NDwNw==)
AEC/0750	SANTOSH PRABHAKAR	AIML	Assistant Professor	Books Published	Artificial Intelligence & Machine Learning	Charulatha Publication	978-93-6260-365-4	https://www.charulathapublications.com/product/artificial-intelligence-machine-learning
AEC/0750	SANTOSH PRABHAKAR	AIML	Assistant Professor	Books Published	ARTIFICIAL INTELLIGENCE AND ROBOTICS	Scientific International Publishing House	978-93-7196-106-6	https://sipinternationalpublishers.com/product-detail.php?PID=NDE3Mw==
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AEC/0743	Sayanti Mukherjee	CA	Assistant Professor	Books Chapter Published	Implications of Image Segmentation in Brain Tumor Research(Abstract)	6th Regional Science & Technology Congress(Region-3), 2022-2024	0
AEC/0752	Ravi Singh	CA	Assistant Professor	Books Chapter Published	Malware Analysis With Machine Learning: Methods, Challenges, and Future	IGI Global	DOI: 10.4018/978-1-6684-8666-5.ch010
AEC/0753	Supratik Chatterjee	CA	Assistant Professor	Books Chapter Published	SenseAI: An Agentic AI Application for Launching Applications, Web Search and Content Moderation	AKINIK PUBLICATIONS	987-93-6135-445-8
AEC/0086	Amitava Chakraborty	CA	Assistant Professor	Books Published	DATA SCEINCE FOR ENGINEERS	Scientific International Publishing House (CIPM)	978-93-6132-329-4
AEC/0086	Amitava Chakraborty	CA	Assistant Professor	Books Published	Quantum Computing and Techniques	SIPH	978-93-6674-486-5
AEC/0090	Sujoy Kumar Basu	CA	Assistant Professor	Books Published	SOFT COMPUTING and OPTIMIZATION TECHNIQUES	Scientific International Publishing House (CIPM)	9.79E+12
AEC/0090	Sujoy Kumar Basu	CA	Assistant Professor	Books Published	IMPLEMENTATION OF IoT IN SMART AGRICULTURE	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-261-8
AEC/0091	Tapan Kumar Das	CA	Assistant Professor	Books Published	FUNDAMENTALS OF MACHINE LEARNING USING PYTHON	Scientific International Publishing House	978-93-5707-970-4
AEC/0091	Tapan Kumar Das	CA	Assistant Professor	Books Published	Programming in C	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-411-7
AEC/0092	Soumen Prakash Kabi	CA	Assistant Professor	Books Published	FUNDAMENTALS OF MACHINE LEARNING USING PYTHON	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-5757-970-4
AEC/0092	Soumen Prakash Kabi	CA	Assistant Professor	Books Published	Programming in C	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-411-7
AEC/0093	Sumit Singha	CA	Assistant Professor	Books Published	FUNDAMENTALS OF MACHINE LEARNING USING PYTHON	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-5757-970-4
AEC/0093	Sumit Singha	CA	Assistant Professor	Books Published	Programming in C	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-411-7
AEC/0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	Books Published	Fundamentals of AI and Soft Computing	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-5757-583-6
AEC/0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	Books Published	Database Management System	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-888-7

AEC/0098	Biplab Saha	CE	Assistant Professor	Books Published	SMART WASTE MANAGEMENT FOR GREEN ENVIRONMENT	Scientific International Publishing House (SIPH)	978-93-6132-537-3	
AEC/0098	Biplab Saha	CE	Assistant Professor	Books Published	INTRODUCTION TO CIVIL ENGINEERING	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-813-9	
AEC/0727	SHRESTHA SANKAR KULSI	CE	Assistant Professor	Books Published	Smart Waste Management for Green Environment	Scientific International Publishing House	978-93-6132-537-3	
AEC/0727	SHRESTHA SANKAR KULSI	CE	Assistant Professor	Books Published	INTRODUCTION TO CIVIL ENGINEERING	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-813-9	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Chapter Published	TerraViva: Sustainable Agriculture System in India using Machine Learning	AkiNik Publications New Delhi	978-93-6135-445-8	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Chapter Published	Evaluate: An AI-Powered Technical Interviewer	AkiNik Publications New Delhi	978-93-6135-445-8	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Chapter Published	Automatic Railway Gate Control Using Arduino and IR Sensors - Sustainable Facades: Insights from U.P Metro	Scripown Publications	923-03-2115-149-6	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Chapter Published	A Novel Wideband Microstrip Antenna Design for Coplanar Waveguide Applications: Octawave - Advances in Multidisciplinary Research and	Scripown Publications	978-93-6235-121-2	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Chapter Published	A Novel Wideband Microstrip Antenna Design for Coplanar Waveguide Applications:	Scripown Books	978-81-19915-67-5	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Published	An FVLA Based Location Management with Limited Battery Forwarding Tech.	Lap Lambert Academic Publishing	978-3-330-08804-7	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Published	Implementation of Vehicle Tracking System	Lap Lambert Academic Publishing	978-3-330-08808-5	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Published	Fundamentals of AI and Soft Computing	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-5757-583-6	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Published	Database Management System	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-888-7	
AEC/0152	Dr. Sheuli Chakraborty	Computer Science &	Assistant Professor	Books Published	Internet of Vehicles Scope and Application of Artificial Intelligence-Based Technologies	Springer Nature	978-981-95-1978-1	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Published	Introduction to Programming of PYTHON: An Interdisciplinary Approach	PRIME INTERNATIONAL PUBLICATION	978-93-6010-823-6	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Published	Introduction to PYTHON: An Interdisciplinary Approach	Prime International Publication	978-93-6010-823-6	
AEC/0736	DR. LIPIKA MONDAL	Computer Science &	Assistant Professor	Books Published	COMPUTER NETWORKS	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-667-567-14-	
AEC/0749	AMIT CHAKRABORTY	Computer Science &	Assistant Professor - CSBS	Books Published	An efficient GA-PSO algorithm for addressing multi-objective scheduling optimization	Walter de Gruyter GmbH, Berlin/Boston	9,78E+12	
AEC/0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	Books Chapter Published	Learning's Potential in Shaping the Future of Bioinformatics Research	IGI Global	9,80E+12	
AEC/0107	Lumbini Bhaumik	CSE	Assistant Professor	Books Chapter Published	DIVING INTO THE ABYSS: UNLEASHING DEEP LEARNING'S POTENTIAL IN MARINE ECOLOGY	Ideal International E Publication Pvt. Ltd.	978-81963682-6-5	
AEC/0107	Lumbini Bhaumik	CSE	Assistant Professor	Books Chapter Published	REVOLUTIONIZING HEALTHCARE WITH AI: A SHIFT TOWARD PREDICTION AND PREVENTION	INFINITY PUBLICATION PVT. LTD.	978-93-89476-76-7	
AEC/0110	Shibsankar Bala	CSE	Assistant Professor	Books Chapter Published	Face Recognition Attendance System using Haar Cascade and Convolutional Neural Networks	AkiNik Publications	978-93-6135-445-8	
AEC/0110	Shibsankar Bala	CSE	Assistant Professor	Books Chapter Published	Evolution of Optical Fiber Transmission in Optical Networks	AkiNik Publications	978-93-6135-445-8	
AEC/0113	Pranabesh Gangopadhyay	CSE	Assistant Professor	Books Chapter Published	A Thorough Review of the Literature on Changing Practices, Methods and Trends in Deep Learning for Rice Leaf Disease Detection	Akinik Publication	978-93-6135-445-8	
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AEC/0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	Books Chapter Published	A Survey on Deep Learning in Agriculture: Challenges and Prospects	AkiNik Publications	978-93-6135-445-8	
AEC/0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	Books Published	Soft Computing and Optimization Techniques	Scientific International Publishing House	978-93-6132-747-6	
AEC/0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	Books Published	IMPLEMENTATION OF IoT IN SMART AGRICULTURE	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-261-8	
AEC/0107	Lumbini Bhaumik	CSE	Assistant Professor	Books Published	Fundamentals of Artificial Intelligence and Robotics	Scientific International Publishing House	978-93-6132-738-4	
AEC/0107	Lumbini Bhaumik	CSE	Assistant Professor	Books Published	Programming in C	RG International Publication(RGIP)	9,79E+12	
AEC/0110	Shibsankar Bala	CSE	Assistant Professor	Books Published	Programming in C	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6674-411-7	
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AEC/0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	Books Chapter Published	Automatic Railway Gate Control Using Arduino and IR Sensors	SCRIPOWN	923-03-2115-149-6	
AEC/0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	Books Chapter Published	Innovations in Soldier Health and Position Monitoring: A <i>Comprehensive Review</i>	SCRIPOWN	978-93-6235-121-2	
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AEC/0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	Books Chapter Published	Revolutionizing Public Announcements: A Wireless Smart System using Bluetooth	Scripown Books	978-81-19915-67-5	
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AEC/0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	Books Chapter Published	Experimental Determination of Volume of a Stepped Cylindrical Shaft Made from Mild Steel	Akinik Publications	978-93-6135-445-8	
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AEC/0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	Books Chapter Published	SEMI SUPERVISED SVM LEARNING TECHNIQUE FOR LAND COVER MAPPING USING SPECTRAL INFORMATION	IRAJ	: 2394-2835	Srijani Das, Ujjwal Kumar Kamila, Abhishek Bandyopadhyay, Debasis Chakraborty, Semisupervised SVM learning technique for landcover mapping using spectral information, International Journal of Advances in Electronics and Computer Science, vol 9, Issue 11, Pages 31-35, 11/2022.
AEC/0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	Books Chapter Published	Tumor Prediction Using Microarray Gene Expression Profiles Through SVM and CBFS	Springer	2194-1009	Bandyopadhyay, A., Bandyopadhyay, A., Chakraborty, D. (2024). Tumor Prediction Using Microarray Gene Expression Profiles Through SVM and CBFS. In: Lin, F.M., Patel, A., Kesswani, N., Sambana, B. (eds) Accelerating Discoveries in Data Science and Artificial Intelligence I. ICDSA1 2023. Springer Proceedings in Mathematics & Statistics, vol 421. Springer, Cham.
AEC/0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	Books Chapter Published	Automated Rice Variety Classification using Optimized Convolutional Neural Networks	JIS GROUP	978-81-983133-3-1	I. S. Halder, D. Chakraborty, S. Mondal, V. Kumar, S. Chakraborty and S Hazra, "Automated Rice Variety Classification using Optimized Convolutional Neural Networks," <i>IEEE Access</i> , vol. 10, pp. 2021-2036, 2022.
AEC/0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	Books Chapter Published	Application of Machine Learning in Real Estate Price Prediction for Smart Cities: A 3D Teaching-Learning Model Aligned with SDG	AkiNik Publications	978-93-6135-445-8	I. A. Guha, S. Chakraborty, D. Chakraborty and A. Bandyopadhyay, "Application of Machine Learning in Real Estate Price Prediction for Smart Cities: A 3D Teaching-Learning Model Aligned with SDG," National Conferences on Communication, Computing and IoT, pp. 222-229. Editor: Debasis Chakraborty, Sambit S. Mondal and Avishek Banerjee, AkiNik Publications, ISBN: 978-93-6135-445-8, DOI: https://doi.org/10.22271/ed.book.3224 .
AEC/0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	Books Chapter Published	A Comprehensive Study: Mental Health Status Prediction Using Machine Learning	Akinik Publishers	978-93-6135-625-4	
AEC/0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	Books Chapter Published	Emotional Resonance: A Machine Learning Paradigm for Real-Time Mental Health Monitoring through Sentiment Analysis	AkiNik Publications	978-93-6135-445-8	
AEC/0121	DR. SAMBIT SUNDAR MONDAL	CSE (IOT)	Assistant Professor	Books Published	National Conference on Communication, Computing and IoT (NCCCI 2025)	AkiNik Publications	978-93-6135-445-8	
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AEC/0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	Books Chapter Published	A Novel Wideband Microstrip Antenna Design for Coplanar Waveguide Applications : <i>Outcomes</i>	Scripown Publications	978-93-6235-121-2	
AEC/0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	Books Chapter Published	Automatic Railway Gate Control Using Arduino and IR Sensors	Scripown Publications	923-03-2115-149-6	
AEC/0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	Books Chapter Published	Innovations in Soldier Health and Position Monitoring: A <i>Comprehensive Review</i>	Scripown Publication	978-93-6235-121-2	
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AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Chapter Published	Inset Fed Rectangular Patch Antenna Using Partial Ground Plane.	Springer, Singapore	978-981-13-3122-0	Ghosh P., Roy K., Goswami C., Hasan N., Chakraborty S., Chandra A.K. (2019) Study of Inset Fed Rectangular Patch Antenna Using Partial Ground Plane. In: Biswas U., Banerjee A., Pal S., Biswas A., Sarkar D., Halder S. (eds) Advances in Computer, Communication and Control. Lecture Notes in Networks and Systems, vol 41. Springer, Singapore.
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Chapter Published	Quasi Yagi-Uda Antenna for 5G Applications	AKINIK Publication	9,79E+12	

AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Chapter Published	Dual Band Microstrip Patch Antenna For 5G Cellular Application	NEW DELHI PUBLISHERS	978-81-971087-6-1
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AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Automatic Railway Gate Control Using Arduino and IR Sensors	Scripown Publications	923-03-2115-149-6
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Revolutionizing Public Announcements: A Wireless Smart System Powered by Bluetooth	Scripown Publications	978-93-6235-121-2
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Blaze-Guard: Advanced Fire-Fighter Robot with Real-Time Surveillance	AkiNik Publications	978-93-5570-124-4
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Emerging Trends in Information and Communication Technology (Volume 3)	Integrated Publications	978-93-5834-733-3
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Night Sentinel: Innovating Surveillance Robotics with Integrated Position Tracking	Integrated Publications	978-93-5834-103-4
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Innovations in Soldier Health and Position Monitoring: A Comprehensive Review	Scripown Publications	978-81-19915-67-5
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Dual Axis Solar Tracking	AkiNik Publications	978-93-6135-445-8
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	A Novel Wideband Microstrip Antenna Design for Coplanar Waveguide Applications:	Scripown Books	978-81-19915-67-5
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Optimizing Fire Identification with MobileNetV2-Driven CNN Architectures	Akinik Publication	978-93-6135-445-8

AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Revolutionizing Public Announcements: A Wireless Smart System using Bluetooth Technology	Scripown Books	978-81-19915-67-5	
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AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Simulation and Numerical Analysis of N-Body Gravitational Systems	Akinik Publications	978-93-6135-445-8	
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Enhancing Retinal Image Quality through Advanced Filtering Techniques	Department of Science & Technology and Biotechnology (DSTBT) Government of West Bengal	ID: 033423	
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	A Comprehensive Study: Mental Health Status Prediction Using Machine Learning	Akinik Publishers	978-93-6135-625-4	
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Advanced Fire-Fighter Robot with Real-Time Surveillance	Akinik Publications	978-93-6135-528-8	
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Chapter Published	Development of an Arduino-Based PWM Inverter System	Akinik Publications	978-93-6135-778-7	
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AEC/0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	Books Chapter Published	A CPW Fed Trapezoidal Fractal Patch Antenna for UWB Applications	IEEE	978-1-5386-7102-3	
AEC/0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	Books Chapter Published	High Gain Hexaport Millimetre Wave MIMO Antenna for 5G Service LMDS and N257 Band Applications	SPRINGER	978-981-99-0973-5	
AEC/0126	Biplab Bhowmick	ECE	Assistant Professor	Books Chapter Published	Design of Interleaved Buck-Boost Converter for Green Energy Application	IEC	978-81-983632-2-0	
AEC/0128	Soumen Sen	ECE	Assistant Professor	Books Chapter Published	MULTIPLE DISEASE PREDICTION USING MACHINE LEARNING	Ideal International E Publication Pvt. Ltd	978-81963682-6-5	
AEC/0128	Soumen Sen	ECE	Assistant Professor	Books Chapter Published	AUTOMATIC DOORBELL USING ULTRASONIC SENSOR HC SR04	Ideal International E Publication Pvt. Ltd	978-81963682-6-5	
AEC/0190	Swati Bhattacharjee	ECE	Assistant Professor	Books Chapter Published	Study of decoupling for four channel MIMO antenna for WLAN application	Akinik publications	978-93-6135-445-8	Swati Bhattacharjee et. "Study of decoupling for four channel MIMO antenna for WLAN applications" Akinik publications 28.02.2025 ISBN:978-93-6135-445-8
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Contemporary Issues and Challenges in Management in Digital Era	Ideal International E-Publication	978-81963682-6-5	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	"Revolutionizing Public Announcements: A Wireless Smart System Powered by Bluetooth Technology"	Advances in Multidisciplinary Research and Development	978-93-6235-121-2 ISBN No	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Dual Axis Solar Tracking	Akinik Publications	978-93-6135-445-8	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Optimizing Fire Identification with MobileNetV2-Driven CNN Architecture	Akinik Publications	978-93-6135-445-8	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Dual Axis Solar Tracking	Akinik Publications	978-93-6135-445-8	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Optimizing Fire Identification with MobileNetV2-Driven CNN Architecture	Akinik Publication	978-93-6135-445-8	
AEC/0196	GURJEET SINGH	ECE	Assistant Professor	Books Chapter Published	Enhancing Retinal Image Quality through Advanced Filtering Techniques	Department of Science & Technology and Biotechnology (DSTBT) Government of West Bengal	ID: 033423	
AEC/0735	Intekhab Hussain	ECE	Assistant Professor	Books Chapter Published	Development of an Arduino-Based PWM Inverter System	Akinik Publications	978-93-6135-778-7	
AEC/0735	Intekhab Hussain	ECE	Assistant Professor	Books Chapter Published	Metamaterial Inspired Planar Multi-Band Antenna for Wireless Application	IEEE Explore	979-8-3503-9075-9	
AEC/0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	Books Published	Basic of Python Programming	Scientific International Publishing House	978-93-6674-736-10	
AEC/0080	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	Books Published	A Handbook on Fundamentals of Electronics	TYMER PUBLISHER	978-93-6965-137-5	
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Published	Microwave Circuits Theory and Millimeter Wave Circuit	Scientific International Publishing House, Mannargudi,	978-93-92992-25-4	
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Published	Linear Integrated Circuit	Scientific International Publishing House, Mannargudi,	978-93-5625-256-1	
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Published	Nanotechnology's Advantages and Uses in Agriculture	cosmos Scientific publications	978-81-19359-44-8	
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Published	Python powered data science: Tools, Techniques, and Real world Applications	RG International Publication	978-93-48151-02-5	
AEC/0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	Books Published	INTRODUCTION TO PYTHON - A COMPREHENSIVE GUIDE	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-7196-771-6	
AEC/0118	DR. PRAJIT PAUL	ECE	Assistant Professor	Books Published	COMPUTER NETWORKS	J.B BOOKS & LEARNING	978-81-910235-9-6	
AEC/0120	Dr. Rupam Das	ECE	Assistant Professor	Books Published	Basic Electronics Engineering	Scientific international publishing house	978-93-94002-54-8	
AEC/0120	Dr. Rupam Das	ECE	Assistant Professor	Books Published	DIGITAL ELECTRONICS	Scientific international publishing house	978-93-5625-139-7	
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AEC/0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	Books Published	Key Concepts in DWDM Systems: Design and Applications	Tymer publishers	978-9369655793	
AEC/0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	Books Published	A Handbook on Fundamentals of Electronics	TYMER PUBLISHER	978-93-6965-137-5	
AEC/0124	Sumanta Karmakar	ECE	Assistant Professor	Books Published	A Handbook on Fundamentals of Electronics	TYMER PUBLISHER	978-93-6965-137-5	
AEC/0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	Books Published	SOME INVESTIGATIONS ON MICROSTRIP ANTENNA FOR DIFFERENT WIRELESS APPLICATIONS	Nitya Publications	978-93-5857-591-0	
AEC/0126	Biplab Bhowmick	ECE	Assistant Professor	Books Published	AC AND DC MACHINES	SCIENTIFIC INTERNATIONAL PUBLISHING	978-93-6132-249-5	
AEC/0126	Biplab Bhowmick	ECE	Assistant Professor	Books Published	Power System Analysis	SIPH	978-93-6674-288-5	
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AEC/0735	Intekhab Hussain	ECE	Assistant Professor	Books Published	Principles of Communication	RK Publication	978-93-95331-83-6	
AEC/0735	Intekhab Hussain	ECE	Assistant Professor	Books Published	Wireless Communications	R. K. Publications	978-81-970228-2-1	
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AEC/0134	Kaushik Neogi	EE	Assistant Professor	Books Chapter Published	Revving Up the Future: Dynamic Wireless Charging Systems for Electric Vehicles	AkiNik Publications	978-93-6135-445-8	
AEC/0137	Sucharita Pal	EE	Assistant Professor	Books Chapter Published	Design of Interleaved Buck-Boost Converter for Green Energy Application	IEC	978-81-983632-2-0	
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Optimal Reactive Power Dispatch Using Modified Differential Evolution Algorithm	Springer	978-9811331213	Prasad, D. A. Banerjee, and R. P. Singh. "Optimal Reactive Power Dispatch Using Modified Differential Evolution Algorithm." In Advances in Computer, Communication and Control, edited by U. Biswas, A. Banerjee, S. Pal, A. Biswas, D. Sarkar, and S. Haldar, Lecture Notes in Networks and Systems, vol. 41. Singapore:
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Process Enhancement of Sparks Erosion Machining System Using FPGA Algorithm	Springer	978-9811331213	Shit, K., D. Prasad, and R. P. Singh. "Process Enhancement of Sparks Erosion Machining System Using FPGA Algorithm." In Advances in Computer, Communication and Control, edited by U. Biswas, A. Banerjee, S. Pal, A. Biswas, D. Sarkar, and S. Haldar, Lecture Notes in Networks and Systems, vol. 41. Singapore:
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Approaches to Smart Grid Network Communication and Security	Springer	978-0-12-824337-4	Prasad, D., Rudra Pratap Singh, S. Mukherjee, S. Chattaraj, K. Sarkar, and Md. I. Khan. "Approaches to Smart Grid Network Communication and Security-III." In Advances in Smart Grid Power System: Network, Control
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	MPPT-Based Solar Powered Water Pumping With RMS: Augmentation of IoT Technology. In Role of IoT in Green Energy Systems	IGI Global	1799867099	Mukherjee, S., S. Chattaraj, Dharmbir Prasad, R. P. Singh, and M. I. Khan. "MPPT-Based Solar Powered Water Pumping with RMS: Augmentation of IoT Technology." In Role of IoT in Green Energy Systems, 194-224. Hershey, PA: IGI Global, 2021.
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Harmonic Dynamic Response Study of Overhead Transmission Lines	Wiley-IEEE Press, New Jersey, USA	978-1-119-83402-1	Prasad, Dharmbir, Rudra Pratap Singh, Md. Irfan Khan, and Sushri Mukherjee. "Harmonic Dynamic Response Study of Overhead Transmission Lines." In Intelligent Data Mining and Analysis in Power and Energy Systems: Advances in Models and Applications as Drivers for Smarter Efficient Power Systems, edited by Zita A. Vale, Tiago Pinto, Michael Negnevitsky, and Ganesh Kumar Venayagamoorthy, 257-280. Hoboken, NJ: Wiley-IEEE Press, 2023.
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Green Energy Supply for Sustainable Tourism Accommodation Center in Smart City	IGI Global	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Sheha Mahata, Ranadip Roy, and Md. Irfan Khan. "Green Energy Supply for Sustainable Tourism Accommodation Center in Smart City." In Promoting Multi-Sector Sustainability with Policy and Innovation, edited by Afab Ara and Renuka Thakore, 177-209. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-3693-3390-8 .
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Energy-Efficient Grid Interactive Building Optimization With Green Energy for Net-Zero Emission	IGI Global	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Gaurav Gupta, Manish Kumar, Jatin Anand, and Ranadip Roy. "Energy-Efficient Grid Interactive Building Optimization with Green Energy for Net-Zero Emission." In Advancements in Renewable Energy and Green Hydrogen, edited by Maria Simona Raboaca, Saheb Djohra, Omar Moussaoui, Traian Candin Mihaltan, and Mustapha Koussa, 106-129. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-3693-3390-8 .
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Integrated Approach for Green Hydrogen Production and Sustainable Electrification of Railway Platform With Solar Energy Sources	IGI Global	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Jatin Anand, Ranadip Roy, and Sudhangshu Chakraborty. "Integrated Approach for Green Hydrogen Production and Sustainable Electrification of Railway Platform with Solar Energy Sources." In Advancements in Renewable Energy and Green Hydrogen, edited by Maria Simona Raboaca, Saheb Djohra, Omar Moussaoui, Traian Candin Mihaltan, and Mustapha Koussa, 154-182. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-3693-3390-8 .
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Green Energy Supply Analysis to Sustainable Inland Water Tourism Regions in Eco-Friendly Cities	IGI Global	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Sheha Mahata, and Ranadip Roy. "Green Energy Supply Analysis to Sustainable Inland Water Tourism Regions in Eco-Friendly Cities." In Achieving Sustainable Transformation in Tourism and Hospitality Sectors, edited by Pankaj Kumar, S. K. Gupta, Maximiliano E. Korstanje, Prakash Chandra Rout, and Madhurima, 90-113. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-3693-3390-8 .
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Modeling of Green Hydrogen and Electricity Coproduction System for Techno-Eco-Environmental Analysis of Sustainable Microgrid	IGI Global	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Rahul Kumar, Ranadip Roy, Azizul Islam, and Md. Irfan Khan. "Modeling of Green Hydrogen and Electricity Coproduction System for Techno-Eco-Environmental Analysis of Sustainable Microgrid." In Intelligent Methods and Alternative Economic Models for Sustainability, edited by Latifa Dekkiche, Khaled Guerrache, Rabia Azzemou, and Jihène Jlassi, 21-43. Hershey, PA: IGI Global, 2024.
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Contemporary Solutions for Sustainable Transportation Practices / Chapter-14: Green Energy Supply for Sustainable Electric Farming Mobility Charging Application	IGI Global, Pennsylvania, USA	9.80E+12	Singh, Rudra Pratap, Dharmbir Prasad, Sandip Pal, Ranadip Roy, and Md. Irfan Khan. "Green Energy Supply for Sustainable Electric Farming Mobility Charging Application." In Contemporary Solutions for Sustainable Transportation Practices, edited by Shakerod Munuwa, 374-407. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-3693-3755-5 .

AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Utilizing Renewable Energy, Technology, and Education for Industry 5.0 / Chapter-8: Green Computing-Based Optimization Technique for Sustainable Educational Center With Hybrid Renewable Energy Sources	IGI Global, Pennsylvania, USA,	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Arifa Rizwan, Shubham Verma, and Md. Irfan Khan. "Green Computing-Based Optimization Technique for Sustainable Educational Center with Hybrid Renewable Energy Sources." In Utilizing Renewable Energy, Technology, and Education for Industry 5.0, edited by Safaa Najah Saud AlHumairi, 199–225. Hershey, PA: IGI Global, 2024. https://doi.org/10.4018/979-8-
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Modeling, Analysis, and Control of Smart Energy Systems / Chapter-11: Modelling of Grid Management Strategy for Handling Intermittent Renewable Energy Generation in Island Regions	IGI Global, Pennsylvania, USA	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Arifa Rizwan, Ranadip Roy, and Shubham Verma. "Modelling of Grid Management Strategy for Handling Intermittent Renewable Energy Generation in Island Regions." In Modeling, Analysis, and Control of Smart Energy Systems, edited by Mohamed Naoui, Romdhane Ben Khalifa, and Lassaad Sbata, 194–222. Hershey, PA: IGI Global, 2024.
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Green Supply Chain Management Practice and Principles / Chapter-9: Renewable Energy Supply Chain for Sustainability of Bus Stand Transportation Network	IGI Global, Pennsylvania, USA	9.80E+12	Prasad, Dharmbir, Rudra Pratap Singh, Tanuja Tiwari, Ranadip Roy, and Md. Irfan Khan. "Renewable Energy Supply Chain for Sustainability of Bus Stand Transportation." In Green Supply Chain Management Practice and Principles, edited by Javier Martinez, 9–xx. Hershey, PA: IGI Global, 2024.
AEC/0139	Dr. Rudra Pratap Singh	EE	Assistant Professor	Books Chapter Published	Technoeconomic analysis of electrochemical energy production and storage using solar wind energy resources for CO2 reduction	Elsevier	9.78E+12	Prasad, Dharmbir, Sandip Bhattacharya, Rudra Pratap Singh, Parijat Rai, Ranjeet Singh, Tanuja, Ranadip Roy, and Md. Irfan Khan. "Technoeconomic Analysis of Electrochemical Energy Production and Storage Using Solar Wind Energy Resources for CO ₂ Reduction." In Emerging Technologies and Materials in Thermal Engineering: Photoelectrochemical and Enzymatic Conversion of CO ₂ into Fuels, edited by Rohit Srivastava and Bishnu Prasad Bastakoti, 457–479. Amsterdam: Elsevier, 2026. https://doi.org/10.1016/B978-0-443-79285-
AEC/0137	Sucharita Pal	EE	Assistant Professor	Books Published	AC AND DC MACHINES	SIPH	978-93-6132-249-5	
AEC/0137	Sucharita Pal	EE	Assistant Professor	Books Published	Power System Analysis	SIPH	978-93-6674-288-5	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Chapter Published	Revolutionizing Public Announcements: A Wireless Smart System Powered by Bluetooth Technology	Scripown Publications	978-93-6235-121-2	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Chapter Published	Role of BERT Model for Sequential Text Classification in Biomedical Abstracts	Springer Nature	https://doi.org/10.1007/978-981-97-8627-5_5	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Chapter Published	Fitness into Digitization: 21st century Health and Wellness	Akinik Publication	978-93-6135-445-8	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Chapter Published	Supervised Learning and Neural Networks for personalized E-commerce Experience	Akinik Publication	978-93-6135-445-8	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Chapter Published	Revolutionizing Public Announcements: A Wireless Smart System using Bluetooth Technology	Scripown Books	978-81-19915-67-5	
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Chapter Published	Building of Efficient Communication System in Smart City Using Wireless Sensor Network Through Hybrid Optimization Technique	Springer, Singapore	978-981-16-7497-6	Banerjee, Avishek, Sudip Kumar De, Koushik Majumder, Victor Das, Samiran Chattopadhyay, Rabindra Nath Shaw, and Ankush Ghosh. "Building of efficient communication system in smart city using wireless sensor network through hybrid optimization technique." In AI and IoT for Smart City Applications, pp. 15–30.
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Chapter Published	A Survey on Designing Efficient WSN Using Duty Cycle Optimization	Springer	978-3-031-45124-9	De, Sudip Kumar, Avishek Banerjee, Koushik Majumder, Anurag Dasgupta, Rabindra Nath Shaw, and Ankush Ghosh. "A survey on designing efficient WSN using duty cycle optimization." In International Conference on Advanced Communication and Intelligent Systems, pp. 219–230. Cham: Springer Nature
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Chapter Published	A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks	Springer	978-981-97-9112-5	De, Sudip Kumar, Avishek Banerjee, and Koushik Majumder. "A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks." In International Conference on Electrical and Electronics Engineering, pp. 669–684. Singapore: Springer
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Chapter Published	Obstacle Avoidance Path Planning using Q-Learning Algorithm	AkiNik Publications	978-93-6135-445-8	De, Sudip Kumar, Prabhat Kumar Pal, Akash Mondal, Animesh Garai, and Suman Patra, "Obstacle Avoidance Path Planning using Q-Learning Algorithm." In Proceedings of the National Conference on Computing, Communication and IoT (NCCCI 2025), 257–264. New Delhi: AkiNik Publications.
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Chapter Published	Machine Learning-Based Prediction of Water Potability	AkiNik Publications	978-93-6135-445-8	De, Sudip Kumar, Mohammed Shah Nawaz Alam, Ali Bashar, Bilal Ansari, and Md. Karim Ali. "Machine Learning-Based Prediction of Water Potability." In Proceedings of the National Conference on Computing, Communication and IoT (NCCCI 2025), 333–338. New Delhi: AkiNik Publications.
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	Importance of Internal and External Psychological Factors in Digital Learning	Springer	978-981-19-8967-4	Bhowmik, Tammy, Subhechha Majumdar, Anitava Choudhury, Avishek Banerjee, and Bishwajit Roy. "Importance of internal and external psychological factors in digital learning." In Digital Learning based Education: Transcending Physical Barriers, pp. 119–132.
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	Use of Various Optimization Algorithms in the Energy Minimization Problem Domain of WSN: A Survey	Springer	978-981-19-2980-9	De, Sudip Kumar, Avishek Banerjee, Koushik Majumder, Rabindra Nath Shaw, and Ankush Ghosh. "Use of various optimization algorithms in the energy minimization problem domain of WSN: a survey." In Advanced Computing and Intelligent Technologies: Proceedings of ICACIT 2022, pp. 477–488. Singapore: Springer Nature
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	Sentiment Analysis on Amazon Product Review: A Comparative Study	Springer	978-981-19-7615-5	Tufchi, Shivani, Ashima Yadav, Vikash Kumar Rai, and Avishek Banerjee. "Sentiment analysis on amazon product review: A comparative study." In Proceedings of Data Analytics and Management: IC DAM 2022, pp. 139–149.
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	A Survey on Designing Efficient WSN Using Duty Cycle Optimization	Communications in Computer and Information Science(Springer)	1865-0929	De, Sudip Kumar, Avishek Banerjee, Koushik Majumder, Anurag Dasgupta, Rabindra Nath Shaw, and Ankush Ghosh. "A survey on designing efficient WSN using duty cycle optimization." In International Conference on Advanced Communication and Intelligent Systems, pp. 219–230. Cham: Springer Nature
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	Operational Perspective of Modeling System Reliability, Research Tools for System Design	Walter de Gruyter GmbH, Berlin/Boston	eBook ISBN: 9783111476100 Hardcover ISBN: 9783111476114	

AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks	Springer	978-981-97-9112-5	De, Sudip Kumar, Avishek Banerjee, and Koushik Majumder. "A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks." In International Conference on Electrical and Electronics Engineering, pp. 669-684. Singapore: Springer
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Chapter Published	Towards Reliable Lung Cancer Prediction: A Hybrid Framework for Noise Reduction and Uncertainty Control	The AAAI Press, Washington, DC, USA	10-1-57735-905-4	Pal, Sourjit, Sandip Roy, Pratik Rana, Avishek Banerjee, Koushik Majumder, and Sachin Shetty. "Towards Reliable Lung Cancer Prediction: A Hybrid Framework for Noise Reduction and Uncertainty Control." In Proceedings of the AAAI Symposium Series,
AEC/0734	Santu Mondal	IT	Assistant Professor	Books Chapter Published	UrbanKart: A Spring Boot-Based Scalable E-Commerce Platform	AkiNik Publications	https://doi.org/10.22271/red.book.3224	
AEC/0734	Santu Mondal	IT	Assistant Professor	Books Chapter Published	MediPulse: Revolutionizing Healthcare with Technology	AkiNik Publications	https://doi.org/10.22271/red.book.3224	
AEC/0754	AMIT KUMAR JHA	IT	Assistant Professor	Books Chapter Published	Blood Heroes: A Comprehensive Blood Donation Management System	AkiNik PUBLICATIONS	9.79E+12	
AEC/0754	AMIT KUMAR JHA	IT	Assistant Professor	Books Chapter Published	Design and Implementation of a Healthcare Management System For Streamlining Hospital Operations	AkiNik PUBLICATIONS	9.79E+12	
AEC/0755	Tapas Pal	IT	Assistant Professor	Books Chapter Published	Handling Segmentation and Classification Problems in Deep Learning for Identification of Interstitial Lung Disease	Taylor and Francis Group	9.78E+12	Barnwal. "Handling Segmentation and Classification Problems in Deep Learning for Identification of Interstitial Lung Disease." In Machine Learning and Deep Learning Techniques for Medical Image Recognition, pp. 128-151. CRC Press, 2023.
AEC/0755	Tapas Pal	IT	Assistant Professor	Books Chapter Published	Pattern Classification of Interstitial Lung Disease (ILD)	AkiNik Publications	978-93-6135-445-8	
AEC/0755	Tapas Pal	IT	Assistant Professor	Books Chapter Published	Surveying on Interstitial Lung Disease Classification and Segmentation	AkiNik Publications	978-93-6135-445-8	
AEC/0760	GANGA BHATTACHARJEE	IT	Assistant Professor	Books Chapter Published	Book Blockchain Technology in the Automotive Industry	CRC PRESS	9.78E+12	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Published	Fundamentals of AI and Soft Computing	SIPH	9.79E+12	
AEC/0148	Biplab Kumar Mondal	IT	Assistant Professor	Books Published	Database Management System	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-6674-888-7	
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Published	Fundamentals of AI and Soft Computing	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-5757-583-6	Mukhopadhyay, Sheuli Chakraborty, and Biplab Kumar Mondal. Fundamentals of AI and Soft Computing. New Delhi: Scientific International Publishing House, 2025. ISBN 978-93-5757-583-6
AEC/0153	Sudip Kumar De	IT	Assistant Professor	Books Published	Database Management System	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-6674-888-7	De, Sudip Kumar, and Sheuli Chakraborty. Database Management System. New Delhi: Scientific International Publishing House, 2025. ISBN 978-93-6674-888-7
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Published	Fundamentals of Automata	U. N. DHUR & SONS PVT. LTD	978-93-80673-85-1	
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Published	Exploring Nanoparticles: Synthesis, Characterization, and Cancer Research Applications with Machine Learning	www.amazon.com	ISBN-13. 979-8344307381	
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Published	National Conference on Communication, Computing and I&T (NCCCI-2025)	AkiNik Publications	978-93-6135-445-8	
AEC/0720	Dr. Avishek Banerjee	IT	Associate Professor	Books Published	Exploring Nanoparticles: Synthesis, Characterization, and Cancer Research Applications with Machine Learning	www.amazon.com	979-8344307381	
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AEC/0754	AMIT KUMAR JHA	IT	Assistant Professor	Books Published	ARTIFICIAL INTELLIGENCE AND ROBOTICS	Scientific International Publication House	978-93-7196-106-6	
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AEC/0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	Book Editor	Contemporary Issues and Challenges in Management in Digital Era	Ideal International E-Publication Pvt. Ltd.	978-81963682-6-5	Basu, S., & Agarwal, R. Contemporary Issues and Challenges in Management in Digital Era. (2023). Ideal International E-Publication Pvt. Ltd.
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AEC/0716	Dr. SUDIP BASU	Management Studies	Assistant Professor	Books Chapter Published	IT Applications in New Product Development through Value Co-Creation: An Empirical Study	International Conference on Intelligent and Innovative Practices in Engineering and Management 2024, IPEM (Scopus)	979-8-3503-9004-9	Singh, P., Vishal, K., Dutta, G., Sharma, V., Basu, S. (2024). A Study on OrganIT Applications in New Product Development through Value Co-Creation: An Empirical Study, International Conference on Intelligent and Innovative Practices in Engineering and Management 2024, pp 1-6, IEEE Xplore.
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AEC/0171	Dr. Sarnendu Paul	ME	Assistant Professor	Books Published	Concepts and Strategies in Industrial Management	Innovative Global Pub and San International Scientific Pub	978-81-994205-4-0	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	Books Published	Sustainable Environmental Engineering	R.K. Publications	978-93-48655-99-8	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	Books Published	National Conference on Mechanical Engineering towards Industry 4.0 (ME4.0-2022)	AkiNik Publications	978-93-6135-121-1	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	Books Published	Sustainable Environmental Engineering	R.K. Publications	978-93-48655-99-8	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	Books Published	Concepts and Strategies in Industrial Management	Innovative Global Pub and San International Scientific Pub	978-81-994205-4-0	
AEC/0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	Books Chapter Published	Design of 4-Bit Reversible Johnson Counter with Optimized Quantum Cost, Delay and Number of Gates	SPRINGER	ISBN 978-981-13-3122-0	
AEC/0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	Books Chapter Published	Student Management System consists of fully Automated Attendance System using Artificial Intelligence	AkiNik Publications	(ISBN: 978-93-5570-116-9)	
AEC/0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	Books Chapter Published	Development of New Gaming Zone using Web Development	AkiNik Publications	(ISBN: 978-93-5570-124-4)	
AEC/0127	DR. AMIT KUMAR RAI	Training & Placement	Assistant Professor	Books Chapter Published	Experimental survey on Tesla Coil for obtaining high voltage at high frequency	AkiNik Publications	978-93-5570-124-4	
AEC/0738	Dr. Khushbu Chandrakar	CSE	Assistant Professor	Books Published	ARTIFICIAL INTELLIGENCE AND ROBOTICS	Scientific International Publication House	978-93-7196-106-6	https://sipinternationalpublishers.com/product-detail.php?PID=NDE3Mw==
AEC/0103	Dr. Krishnendu Kr. Pobi	BS&HU	Assistant Professor	Books Chapter Published	AI-ASSISTED DIAGNOSTICS & MEDICAL IMAGING	Book Proceeding, 4th	979-8-89695-303-6	
AEC/0103	Dr. Krishnendu Kr. Pobi	BS&HU	Assistant Professor	Books Chapter Published	REDUCTION OF POLLUTION LOAD AND INCREASING BIODEGRADABILITY OF COKEOVEN WASTEWATER BY USING FENTON'S OXIDATION AND LIME	Book Proceeding, 4th	979-8-89695-303-6	
AEC/0103	Dr. Krishnendu Kr. Pobi	BS&HU	Assistant Professor	Books Chapter Published	ECOLOGICAL	Book Proceeding, 4th	979-8-89695-303-6	

List of Conference Paper publications by the faculty members of Asansol Engineering College.

Code	Name	Department	Designation	Event Type	Event Title	Paper Title	Organized By	Citation (Google Scholar- Chicago format)
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	COMMUNICATION, COMPUTING & NANOTECHNOLOGY TECHNOLOGICAL INNOVATION (CCNMI) 2023	Detection of Cancer from Microarray Gene Expression Data Using Binary-Relaxation and Support Vector Machines	GNIT	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	International Conference on Engineering & Technology (ICET)	"Revolutionizing Oncology: Cutting-edge Classification Methods for Microarray Data"	Institute for Technical and Academic Research (ITAR), Kolkata	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	International Conference on Computer Science and Engineering (ICCSSE-23)	Exploring The Depths: Harnessing the Power of Deep Learning in Music Genres"	Institute for Technical and Academic Research (ITAR), Kollam, India	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	International Conference on computer science and Engineering (ICSE2023)	Machine Learning Techniques for Crop Yield Prediction	IFAR	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	International Conference on "Recent Developments and Applications in Materials Science and Engineering" (RDAMSE 2025)	Transforming Learning in AI for Energy systems: A Knowledge-Cognition-Application paradigm with SDGs	SIIR TECH , IIS Group	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	"Recent Developments and Applications in Materials Science and Engineering" (RDAMSE 2025)	transforming learning in AI for Energy system: A Knowledge-Cognition-Application paradigm with SDGs	Department of Basic Science & Humanities, Dr. Sultha Chandru Sar Institute of Technology and Sports Complex, (SurTech), (Aurangabad)	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	"A Convergence of AI, Accounting and Finance, Healthcare, and Data Analytics"	Integration of ML and AI in Real Estate Valuation: Aligning Business Analytics and SDGs Through a Futuristic 3D Teaching-Learning Model	Department of Business Administration in collaboration with Indian Accounting Association (Kolkata Branch)	
AEC0015	Dr. Abhishek Bandyopadhyay	AIML	Associate Professor	CONFERENCE	SUSTAINABLE GROWTH THROUGH WISDOM: BRIDGING IKS AND MULTIDISCIPLINARY PRACTICES FOR SUSTAINABLE DEVELOPMENT	Predictive Modeling for 2025 T20 World Cup	HEXAGON RESEARCH ACADEMY & RESEARCH MATRIX PUBLICATION	
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	4th International Conference on Advancements in Research & Development (ICARD 2024)	Advancements in Semiconductor Gas Sensor Technology: A Comprehensive Review	Department of Commerce, India Prayadashini Gott. Degree College for Women and RSP Conference Hub	
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	6th International Conference on Innovative Computing and Communication (ICICC-2023)	A Strategic Review on MIR Photodetector: Present Status and Future Trends	Shaheed Sukhdev College of Business Studies, University of Delhi	Debasri Mukherjee, "A Strategic Review on MIR Photodetector: Present Status and Future Trends," in: Hussain, A.E., Castillo, F., Asim, S., Jazayeri, A. (eds) International Conference on Innovative Computing and Communications, ICICC 2023, Lecture Notes in Networks and Systems, vol. 703, Springer, Singapore, 2023, https://doi.org/10.1007/978-981-99-5314-0_50
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	2nd IEEE International Conference on Device Intelligence	FPGAs as Hardware Accelerators in Data Centers: A Survey from the Data Centric Perspective	Graphic Era University	accelerators in data centers: A survey from the data centric perspective", IEEE 2nd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT 2024), Graphic Era University, Dehradun, India, 15th-16th March 2024. (DOI:10.1109/DICCT61038.2024.10533053) (Scopus Indexed).
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	2nd IEEE International Conference on Device Intelligence, Computing & Communication Technologies (DICCT 2024)	ID-CNN Based Model for Detection of DDoS Attack	Graphic Era University	Detection of Ddos Attack", IEEE 2nd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT 2024), Graphic Era University, Dehradun, India, 15th-16th March 2024. (DOI: 10.1109/DICCT61038.2024.10533053)
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	4th International Conference on Condensed matter and Applied Physics (ICC 2023)	Designing a Vertical Gallium Arsenide (GaAs) Channel High Electron Mobility Transistor (HEMT) for Power Applications in Integrated Circuit (IC) Te	Engineering College Bikaner, India	Hari B.S., Bhaskar Roy et al., "Designing a Vertical Gallium Arsenide (GaAs) Channel High Electron Mobility Transistor (HEMT) for Power Applications in Integrated Circuit (IC) Technology," 4th International Conference on Condensed matter and Applied Physics (ICC 2023), Bikaner, India, AIP Conference Proceedings 3149, 010002, 2024. https://doi.org/10.1063/5.0255353
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	IEEE Silchar Subsection Conference (SILCON 2024)	Modelling of 7-Segment Hex Decoder using Silicon Microring Resonator	NIT Agartala, India	"7-Seg Hex", Modelling of 7-Segment Hex Decoder using Silicon Microring Resonator", 2024 IEEE Silchar Subsection Conference (SILCON 2024), Agartala, India, 2024, pp. 1-4. doi: 10.1109/SILCON50976.2024.10910608
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	3rd International Conference on Intelligent Systems, Advanced Computing and Communication (ISACC)	Stock Market Growth and Decline Using ARIMA Model and Sentiment Analysis	NIT Silchar, India	Sahoo and S. K. Sarangi, "Stock Market Growth and Decline Using ARIMA Model and Sentiment Analysis", 2025 3rd International Conference on Intelligent Systems, Advanced Computing and Communication (ISACC), Silchar, India, 2025, pp. 195-200. doi: 10.1109/ISACC65211.2025.10969263
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	8th International Conference on Electronics, Materials Engineering & Nano-Technology (HEMENTech)	Harnessing Machine Learning for Watermarking: A Survey on Robustness and Stealth in Image Protection	IEM, Kolkata, India	Watermarking: A Survey on Robustness and Stealth in Image Protection," 2025 8th International Conference on Electronics, Materials Engineering & Nano-Technology (HEMENTech), Kolkata, India, 2025, pp. 1-5. doi: 10.1109/HEMENTech65115.2025.10959670
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	3rd International Conference on Engineering Education and Computing (IEEC-2025)	AI-Powered Early Warning for Healthcare Diagnostics: Enhancing Early Detection and Treatment Decisions"	SVU, Kolkata	
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	8th International Conference on Electronics, Materials Engineering and Nano-Technology 2025 (HEMENTech-2025)	Harnessing Machine Learning for Watermarking: A Survey on Robustness and Stealth in Image Protection	IEM, Kolkata	Watermarking: A Survey on Robustness and Stealth in Image Protection," 2025 8th International Conference on Electronics, Materials Engineering & Nano-Technology (HEMENTech), Kolkata, India, 2025, pp. 1-5. doi: 10.1109/HEMENTech65115.2025.10959670
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	International Conference on Sustainable AI and Its Applications (ICSAIA 2025)	Comparative Study of various machine learning paradigms in Cp and analysis in Indian Subcontinent"	Dept. of ECS, GNIT, Kolkata	
AEC0077	Dr. BHASKAR ROY	AIML	Assistant Professor	CONFERENCE	International Conference on Sustainable AI and Its Applications (ICSAIA 2025)	Exploring Multimodal Data Integration for Advanced Flight Classification	Dept. of ECS, GNIT, Kolkata	
AEC0070	SANTOSH PRABHAKAR	AIML	Assistant Professor	CONFERENCE	INTERNATIONAL CONFERENCE ON RESEARCH TRENDS IN MATHEMATICS AND DATA SCIENCE	Study Using LBP, Log, and SVM to Recognize Human Face Under Invariant Posture, Enlargement, and Demeanor	G DEPARTMENT OF MATHEMATICS & DEPARTMENT OF COMPUTER SCIENCE WITH DATA SCIENCE PATRICIAN COLLEGE OF ARTS AND SCIENCE, CHENNAI & PG & RESEARCH IN DATA SCIENCE	
AEC0070	SANTOSH PRABHAKAR	AIML	Assistant Professor	CONFERENCE	Human-Centric Smart Computing, Smart Innovation	Application of Artificial Intelligence in Supply Chain Management in Industry 4.0	UEM, Jaipur	
AEC0070	SANTOSH PRABHAKAR	AIML	Assistant Professor	CONFERENCE	IEEE International Conference on Smart Power Control and Renewable Energy (ICSPCRE)	Future Prospects of Agriculture Using IoT and Machine Learning	NIT, Rourkela, India	
AEC0070	SANTOSH PRABHAKAR	AIML	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	SemAI: An Agentic AI Application for Launching Applications, Web Sites and System Migration	Asansol Engineering College	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Emerging Trends in Engineering and Science	Heavy metal contamination and seasonal variation in ground water samples from Asansol industrial area, West Bengal, India	Asansol Engineering College	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Mother Earth: Environmental Crisis & Sustainable Strategies	Hydrochemical Study and Trophic classification of Aitar Lake: Case Study from a Popular Tourist Lake in Sikkim Himalaya	Dept. of Environmental Science, The University of Burdwan	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Environmental Research on ICER-13: Growth with Dignity	Assessment of Some Heavy Metals in Effluent of Chemical Industry and its distribution in soil and sediment	Maulana Azad College of Arts, Science & Commerce, Aurangabad (India)	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Recent Developments in Chemistry" (RDC-2018)	Synthesis, characterization and stability study of bisvalent metal (Hg, Cd and Pb) chlorides of 2-(pyridyl)-N-(2-methylphenyl) methanimine.	Dept. of Chemistry, National Institute of Technology, Durgapur	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science	Water Quality Assessment and Pollutant Source Identification using Geostatistical Method and Multivariate Analysis in Semi-urban Water Body near Sewage	Dept. of Basic Science & Humanities, Asansol Engineering College	
AEC0010	Dr. Krishendu Kumar Pahi	BS&H	Assistant Professor	CONFERENCE	Contemporary Issues and Challenges in Management in Digital Era (NICCMDFE)	Application of Nanoparticles in Modern Science & Technology: A Review	Department of Management Studies, Asansol Engineering College	
AEC0014	Mun Majumdar	BS&H	Assistant Professor	CONFERENCE	OISDS-2023	Sound Waves as a Renewable Resource: Exploring Sound-to-Electricity Conversion	Asansol Engineering College	
AEC0016	DR. AVIK DE	BS&H	Assistant Professor	CONFERENCE	Two Day Online International Conference On "Statistics and Data Science"	Mixed Convective slip flow in a hybrid solution of C2H6O2:H2O to disperse Ag/TiO2 nanoparticles in presence of radiative solar energy	BSHU, Asansol Engineering College	
AEC0016	DR. AVIK DE	BS&H	Assistant Professor	CONFERENCE	ICAMM 2024	Detection of Volatile Organic Compounds (VOCs) Using Fc203-Based Sensors	JISIASR, Kolkata	
AEC0014	Hirak Gupta	BS&H	Assistant Professor	CONFERENCE	International Conference on Science, Technology & Communication	Harnessing Kinetic Energy Sidewalks for Sustainable Energy Solutions: A Green Engineering Approach	Narula Institute of Technology	
AEC0014	Hirak Gupta	BS&H	Assistant Professor	CONFERENCE	International Conference on Science, Technology and Communication Skills	Ecological Changes with respect to Climate Conditions affecting Food Security: Re-construction of the Farmer's approach to Sustainable Agriculture	Narula Institute of Technology	
AEC0014	Hirak Gupta	BS&H	Assistant Professor	CONFERENCE	International Conference on Science Technology and Communication Skills	Streamlining Urban Agricultural systems with IoT, AI and Green Technology for Sustainable Food production in Smart cities	Narula Institute of Technology	
AEC0014	Hirak Gupta	BS&H	Assistant Professor	CONFERENCE	International Virtual Conference on Women in South Asian Literature: Texts and Contexts	Women as Body: A Re-reading of Srijit Mukherji's Rajkahani	S.R. Fatepuria College, West Bengal	
AEC0014	Hirak Gupta	BS&H	Assistant Professor	CONFERENCE	International Conference on Shakespeare	AI Generated Shakespeare: Exploring the role of Artificial Intelligence in Shakespearean Literature in Gen Z classrooms	Department of English	
AEC0014	Bidisha Banerjee	BS&H	Assistant Professor	CONFERENCE	International Conference on Science, Technology & Communication Skills	Food Security: Re-constructing the farmer's approach to Sustainable Agriculture	Narula Institute of Technology	
AEC0018	Dr. Animesh Upadhyay	BS&H	Associate Professor	CONFERENCE	National Conference on Non-Linear Analysis and Applications	An Slikewise type random iteration and its application for finding fixed points	Andhra University	
AEC0018	Dr. Animesh Upadhyay	BS&H	Associate Professor	CONFERENCE	NCCC-2025	Geothermal Energy Potential using Machine Learning and GIS	Asansol Engineering College	
AEC0018	Dr. Animesh Upadhyay	BS&H	Associate Professor	CONFERENCE	NCCC-2025	Understanding the Limitations of AI predictions in Stock Market Production Environment: Insights from Large Language Model Research	Asansol Engineering College	
AEC0016	Dr. Mithu Dey Sarkar	BS&H	Assistant Professor	CONFERENCE	OESDS	Statistics and Data Science	Department of BS&H, Mathematics	
AEC0016	Dr. Mithu Dey Sarkar	BS&H	Assistant Professor	CONFERENCE	National conference on communication, computing & IOT	NA	Asansol Engineering College	
AEC0016	Dr. Pankaj Ranjan Danti	BS&H	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Physics of Fluids & Solids-2014	Numerical Simulation of Nanofluid Flow With Convective Boundary Condition: 1st Drain Analysis	Department of Mathematics, Jadavpur University, Kolkata-700032, W.B. INDIA	
AEC0016	Dr. Pankaj Ranjan Danti	BS&H	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Physics of Fluids & Solids-2015	Nanofluid flow over an unsteady stretching surface in presence of thermal radiation	Department of Mathematics, Jadavpur University, Kolkata-700032, W.B. INDIA	
AEC0016	Dr. Pankaj Ranjan Danti	BS&H	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Physics of Fluids & Solids-2016	Cu-water Nanofluid flow over a stretching sheet with surface slip and temperature jump due to radiation on solar radiator	Department of Mathematics, Jadavpur University, Kolkata-700032, W.B. INDIA	
AEC0016	Dr. Pankaj Ranjan Danti	BS&H	Assistant Professor	CONFERENCE	Two Day Online International Conference On "Statistics and Data Science"	Mixed Convective slip flow in a hybrid solution of C2H6O2:H2O to disperse Ag/TiO2 nanoparticles in presence of radiative solar energy	Asansol Engineering College Department of BS&H, Mathematics	
AEC0016	Dr. Pankaj Ranjan Danti	BS&H	Assistant Professor	CONFERENCE	Two Day Online International Conference On "Statistics and Data Science"	Application of response surface methodology (RSM) in estimating COD degradation of industrial wastewater in Durgapur area, West Bengal, India	Department of BS&H, Mathematics, Asansol Engineering College	
AEC0018	Dr. Ranjita Saha	BS&H	Assistant Professor	CONFERENCE	FIRST NATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING AND SCIENCES (ETES-2014)	Synthesis and characterization of BiFeO3 and polymer nanocomposites	Asansol Engineering College	
AEC0018	Dr. Ranjita Saha	BS&H	Assistant Professor	CONFERENCE	FIRST INTERNATIONAL CONFERENCE ON EMERGING MATERIALS, CHARACTERIZATION & APPLICATION	The Electrical Transport Properties of Mn doped Nanocrystalline YCrO3	National Institute of Technology , Durgapur& CSIR-Central Glass & Ceramic Research Institute	
AEC0018	Dr. Ranjita Saha	BS&H	Assistant Professor	CONFERENCE	Second National Conference on Emerging Trends in Engineering and Science (ETES-2015)	The measurement of Dielectric constant and Activation Energy of YCrO3 Nanoparticles	Asansol Engineering College	

AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	International Conference on Industry Interactive Innovations in Science, Engineering and Technology (IICSEET) 2024	Conductivity, Dielectric and Impedance Analysis of V1-LaxCo3 nanoparticles	JIS College of Engineering
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	2nd International Conference on Emerging Materials: Characterization & Application	Dielectric and Electrical Behavior of GADOLINIUM DOPED NANOCRYSTALLINE YTRIUM CHLORIDE	Centre of Excellence in Advanced Materials & Department of Physics, National Institute of Technology, Durgapur
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends in Engineering and Science (ETES-2018)	Dielectric and Resistivity Behavior of Y0.95Nd0.05Co3 Nanoparticles	Asansol Engineering College
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	7th International Conference on Computers and Devices for Communication (CDC4C-2018)	Resistivity, Dielectric, Activation and Optical Behaviour of Y1-xSrxCo3 Nanoparticles	Institute of Radio Physics and Electronics, University of Calcutta
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	International Conference on Future Materials (ICFM-2020)	Electrical Properties of Y0.85Nd0.15Co3 Nanoparticles	Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, India, Padraha
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	International Conference on Environment and Sustainable Development (ICESD-2021)	Electrical Properties of Y0.85 Gd 0.15 Co3 Nanoparticles	Gan Nank Institute of Technology, Kolkata
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	4th NATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NSTCS-2K21)	A STUDY ON THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) IN EDUCATION TO ENHANCE THE EQUAL OPPORTUNITY AND LEVEL OF EDUCATION	BS&H, NARULA INSTITUTE OF TECHNOLOGY, KOLKATA
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	9th INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES & HUMANITIES held on March 19-20, 2022 / IIRSHR-2022	WOMEN'S ECONOMIC EMPOWERMENT IN INDIA DURING COVID-19 PANDEMIC	ISPEC INSTITUTE
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	4th International Conference on Current Trends in Material Science and Engineering-2022	Dielectric and Electric Modulus Study of Y0.85Gd0.15Co3 Nanoparticles	Institute of Engineering and Management , Kolkata
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-2023)	Real-time Carbon Footprint Tracking: A Data-driven Approach for Sustainable Environmental Monitoring	Department of Basic& Humanities(Mathematics), Asansol Engineering College
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-2023)	Enhancing Financial Tracking: A Comprehensive Research and Evaluation	Department of Basic& Humanities(Mathematics), Asansol Engineering College
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-2023)	Water Quality Assessment and Pollutant Source Identification using Geostatistical Method and Multivariate Analysis in Semi-urban Water Body near West	Department of Basic& Humanities(Mathematics), Asansol Engineering College
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	Two Day National e-conference on Contemporary Issues and Challenges in Management in Digital Age (NCCMDE-2023)	Artificial Intelligence (AI) in Education: Transforming Learning Experiences through Intelligent Technologies	Department of Management Studies, Asansol Engineering College
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	International Congress on Scientific Research- VIII TURKEY	A study on significance of Virtual physics laboratory for engineering students in pandemic situation	Ankara Turkiye
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering Towards Industry 4.0	Women's Economic Empowerment through data- driven Real-Time Tracking of Carbon Footprint	Mechanical Engineering Department
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	2nd INTERNATIONAL INTERDISCIPLINARY CONGRESS ON HUMANITIES IN SCIENCE	THE TRANSFORMATIVE ROLE OF ARTIFICIAL INTELLIGENCE IN IMAGE PROCESSING APPLICATIONS	Sivas Science and Technology University, Baku Eurasia University
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	The 8th Hrdja Akhmed Yasawi International Congress on Scientific Research	QUANTUM VARIANCE HYDROLOGICAL MODEL TO ENHANCE FLOOD PREDICTION AND RESPONSE TO CLIMATE CHANGE	KTO Karag University, Lankaran State University, Mingchevir State University, Azerbaijan Technological University & Institute of Economic Development
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	The 8th Hrdja Akhmed Yasawi International Congress on Scientific Research	APPLICATION OF NANOTECHNOLOGY IN MEDICAL FIELD - A BRIEF REVIEW	KTO Karag University, Lankaran State University, Mingchevir State University, Azerbaijan Technological University & Institute of Economic Development
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	The 8th Hrdja Akhmed Yasawi International Congress on Scientific Research	FOURTH INDUSTRIAL REVOLUTION (INDUSTRY 4.0)- 'DEEP LEARNING'	KTO Karag University, Lankaran State University, Mingchevir State University, Azerbaijan Technological University & Institute of Economic Development
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	2nd INTERNATIONAL INTERDISCIPLINARY CONGRESS OF WOMEN IN SCIENCE	ARTIFICIAL INTELLIGENCE IN HAEMATOLOGY	Sivas Science and Technology University, Baku Eurasia University
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Smart Traffic Management Systems: An Integration of AI, IoT and Big Data	Department of IT and CSE, Asansol Engineering College in association with Institution of Engineers (India)
AEC0181	Dr. Ranjita Sinha	BS&H	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Review on YOLO Object Detectors for Weed Detection in Diverse and Aesthetical Fields	Department of IT and CSE, Asansol Engineering College in association with Institution of Engineers (India)
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	National Conference on Frontiers of Material Science and Physics	Long-Term stability of TiO2 nano-fluid	Organized by Sridha-Kanho-Birsha University, Purnia, India
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	NCFMSP - 2020	A brief investigation report on long-term stability of TiO2 nano-fluid	Dept. Of Physics, SKBU, Purnia
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	Cyber Security	Cyber Security	Cyber Security Centre of Excellence, West Bengal
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	OICSD-2023	A Short Report on Frequency-dependent Dielectric Relaxation in Bakelite	Asansol Engineering College
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	OICSD-2023	Sound Waves as a Renewable Resource: Exploring Sound-to-Electricity Conversion	Asansol Engineering College
AEC0184	Dr. Sudhangshu Chakraborty	BS&H	Assistant Professor	CONFERENCE	OICSD-2023	LPG Gas Leakage Monitoring and Presentation system	Asansol Engineering College
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends in Engineering and Science (ETES-2018)	Synthesis and Characterization of Nickel Sulphide Nanoparticle by Using Carboxyl Acetate	Asansol Engineering College
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	2nd International conference on "Emerging materials: Characterization and application"	Synthesis and role of antibacterial properties of Magnesium Oxide Nanoparticles	National Institute of technology Durgapur
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	International conference 2021	Enzymatic assay of pathogens treated with Fe doped MgO nanoparticles	AICERA 2021
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-2023)	Drug removal system: A comparative study	ASANSOL ENGINEERING COLLEGE, BSHU
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT-2025	An Insight into Impact of Dark Mode on Energy Conservation	ASANSOL ENGINEERING COLLEGE/DEPARTMENT OF IT & CSE-IIT
AEC0185	DR. JOYSHREE MAJI	BS&H	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT-2025	E-Counseling for Engineering Courses	ASANSOL ENGINEERING COLLEGE/DEPARTMENT OF IT & CSE-IIT
AEC0086	Amrita Chakraborty	CA	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science-2023	Automated inventory demand forecasting system using data analysis and processing	Dept. of BS & HU(Mathematics), Asansol Engineering College
AEC0086	Amrita Chakraborty	CA	Assistant Professor	CONFERENCE	Two Day National e-Conference Contemporary Issues and Challenges in Management in Digital Age (NCCMDE-2023)	University Record Maintenance system using automation techniques using minimum time to improve efficiency	ASANSOL ENGINEERING COLLEGE DEPARTMENT OF MANAGEMENT STUDIES (BBA, BBA in Hospital Management)
AEC0086	Amrita Chakraborty	CA	Assistant Professor	CONFERENCE	International Conference on Optimization, Learning and Analytics in Business (OLAB-2022)	Application of drone technology under a supply chain management	Dept. of Mathematics, Heritage Institute of Technology
AEC0090	Sujay Kumar Basu	CA	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-20)	Performance comparison of multiple classifiers for assessment of kidney stone conditions	Department of BSHU(Mathematics),AEC
AEC0090	Sujay Kumar Basu	CA	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT	Paradigm Transformation of Agriculture due to integration of IoT Analytics, Smart	AEC
AEC0091	Tapán Kumar Das	CA	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT	Smart City with Intelligent Sensors Communication in the Internet of Things	Department of IT and CSE-IOT, Asansol Engineering College
AEC0092	Soumen Prakash Khat	CA	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT	Smart City with Intelligent Sensors Communication in the Internet of Things	Department of IT and CSE(IOT),AEC in association with IEI(India)
AEC0095	Sumi Sinha	CA	Assistant Professor	CONFERENCE	Online International Conference on Statistics and Data Science (OICS-2023)	AUTOMATED INVENTORY DEMAND FORECASTING USING MACHINE LEARNING	Department of Basic Science and Humanities (Mathematics Section)
AEC0095	Sumi Sinha	CA	Assistant Professor	CONFERENCE	40th Indian Engineering Congress (IEC)	Study on Collision avoidance in multibot path planning	IEL Durgapur Local Centre, in association with NIT Durgapur
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	CONFERENCE	8th International Conference on Communication and Electronic Systems (ICES-2023)	ARIVA: Artificial Intelligence Enabled Voice Assistance System using Natural Language Processing	PGP Institute of Technology, Coimbatore
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	CONFERENCE	International Conference on Natural Sciences and Engineering for Sustainable Development (INSESD-2024)	TalkGPT: Empowering Conversation through Interactive Talk-generative Pre-trained Transformer	Kazi Nazim University,Asansol, Paschim Bardhaman, West bengal
AEC0146	Dr. Anup Kumar Mukhopadhyay	CA	Assistant Professor	CONFERENCE	NCCD2025	A Survey on Deep Learning in Agriculture: Challenges and Directions	Dept of IT and CSE-IOT,AEC, in Association with IEI()
AEC0753	Suprakash Chatterjee	CA	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT	SemAI: An Agentic AI Application for Launching Applications, Web Search and Content Generation	DEPARTMENT OF IT AND CSE(IOT)
AEC0753	Suprakash Chatterjee	CA	Assistant Professor	CONFERENCE	SUSTAINABLE GROWTH THROUGH WISDOM : BRIDGING IKS AND MULTIDISCIPLINARY PRACTICES FOR RESILIENT FUTURE	ANALYSIS OF FAIR DECISION IN CRICKET - DECISION REVIEW SYSTEM	HEXAGON RESEARCH ACADEMY & RESEARCH MATRIX PUBLICATION
AEC0098	Biplab Saha	CE	Assistant Professor	CONFERENCE	ETES-2015	REMOTE SENSING AND GIS	AEC
AEC0098	Biplab Saha	CE	Assistant Professor	CONFERENCE	ETES-2018	ELECTROCOAGULATION PROCESS FOR TREATMENT OF WASTE WATER	AEC
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	IEEE International Conference on Advanced Communication Control and Computing Technologies	An Efficient Location Management Technique Using Frequently Visited Location Areas and Limited Pointer Forwarding Technique	Syed Annal Engineering College, Ramnathapuram
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	2016 IEEE International Conference on Microelectronics, Computing and Communication	An Efficient Approach to Dynamic Channel Assignment Problem using Genetic Algorithm	NIT Durgapur
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends in Engineering and Science	A New Metaheuristic Approach to the Mobility Management Using BFO Algorithm	Asansol Engineering College
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	2015 IEEE International Conference on Next Generation Computing Technologies (NGCT-2015)	An Efficient and Fast Approach to the Orienteering Problem using Hybrid Genetic Algorithm	UPES, Dehradun
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	International Conference on Advances in Data Science and Computing Technologies (ADSC)	Deep Fall Alarm Generation through Smart Wearables	Kazi Nazim University
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	International Conference on Communication and Electronics Systems (ICES-2023)	ARIVA: Artificial Intelligence Enabled Voice Assistance System using Natural Language Processing	PGP Institute of Technology, Coimbatore
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	International Conference on Natural Sciences and Engineering for Sustainable Development (INSESD-2024)	TalkGPT: Empowering Conversation through Interactive Talk-generative Pre-trained Transformer	Center for Organic Spintronics and Optoelectronics Devices (COSED), in Association with The Department of Physics,Kazi Nazim University,Asansol, Paschim Bardhaman, West Bengal
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	6th Regional science and technology congress (Season 3) 2023-2024	Deep Fall Alarm Generation through Smart Wearables	Durgapur Government College
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	6th Regional science and technology congress (Season 3) 2023-2024 Region 1	G-OVRP: Solving Green open Vehicle Routing Problem Using ML-based Dynamic-Bacterial Foraging Optimization	Ananda Chandra College, Jalpaiguri
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Rainfall Prediction using Machine Learning	Asansol Engineering College
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Medical Data Processing using Machine Learning Algorithm in Personalized Health Recommendation System	Asansol Engineering College
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Communication, Computing and IoT	Asansol Engineering College
AEC0152	Dr. Sheuli Chakraborty	Computer	Assistant Professor	CONFERENCE	7th Regional Science and Technology Congress 2024	Priority-based Clustered Orienteering Model: A Real-World Problem	Siliguri College
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCSP)	Multi-Criteria Decision Analysis Framework for Optimal Combination of Blockchain to Determine Scalability in IoT	AEC
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	Blockchain Enabled Adversarial Machine Learning for Fraud Detection and Claims Automation in the Insurance Sector	2024 5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI)	ICDICI
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	2025 International Conference on Computing, Networking and Communications (ICNC)	OTL: Optimal Transport-based Targeted Transfer Learning for Efficient Domain Adaptation	ODU
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	IEEE International Conference on Communications	A Unified Blockchain-based Framework for Decentralized Collaborative Transfer Learning using Adaptive Incentivization	IEEE
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	International Wireless Communications and Mobile Computing Conference (IWCMC) 2025	RADEP: A Resilient Adaptive Defense Framework Against Model Evaporation Attacks	IEEE
AEC0749	AMIT CHAKRABORTY	Computer	Assistant Professor	CONFERENCE	11th International Conference on Mathematics and Computing (ICMC) 2025	A Zero-Knowledge Proof Approach on IoT Sensor Readings for Intrusions Data Security in Smart Agriculture	IIT Bhubli, India
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	12th International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024)	Boosted Random Forest approach for Spectral Based Supervised Land Cover Mapping in Remote Sensing Data	Institute for Educational Research and Publication (IERP)
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	Intelligent Electrical Systems & Industrial Automation (IESIA 2024)	Efficient Deep Learning Unleashed: The EDUS-Net Revolution in Medical Brain Swelling Identification using deep Learning	IEM, Kolkata
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	Intelligent Electrical Systems & Industrial Automation (IESIA 2024)	Intelligent Risk Management: Hyperparameter Supervised Classification for Automatic Risk Report Prioritization	IEM, Kolkata
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	Engineering Advances 2024 - 1st International Conference	Empowering Farming Practices: Enhancing Crop Productivity and Soil Health through Machine Learning	Pavara Rural Engineering College, Loni, Ahmednagar, Maharashtra, India
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	3rd International Conference on Intelligent and Cloud Computing (ICIC-2025)	Enhancing Crop Prediction and Soil Fertility Management through Blockchain Model Assisted and Machine Learning	SOA University
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	2nd International Conference on Metabioelectronics in Engineering and it's Applications	Optimizing Wheat Leaf Disease Detection Using Hyper-Tuned Transfer Learning Models	SOA University
AEC0106	Ujjwal Kumar Kamila	CSE	Assistant Professor	CONFERENCE	39th Indian Engineering Congress	Enhancing Healthcare Security and Efficiency Through Blockchain and Edge Computing	The Institution of Engineers (India) (IEI)
AEC0107	Lambini Bhanum	CSE	Assistant Professor	CONFERENCE	International Conference on Computer Science and Engineering (ICSCSE-23)	Exploring The Depths: Harnessing the Power of Deep Learning in Marine Ecology	The Institute for Technical and Academic Research(I TAR)

AEC0108	Dr. Monish Chatterjee	CSE	Professor	CONFERENCE	IEEE 15th International Conference on Communication Systems and Networks 2023 (COMSNETS 2023), Bangalore, India.	Survivable Transparent OFDM Optical Grids/Clouds: Efficient Dynamic Route Selection with Minimized Spectral Fragmentation	COMSNETS ASSOCIATION	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	CONFERENCE	IEEE 13th International Conference on Computing, Communication and Networking Technologies 2022 (ICCCNT-2022)	Design of Resilient Transparent OFDM Optical Grids/Clouds: A Blocking Aware Approach	IIT Kharagpur (Virtual)	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	CONFERENCE	IEEE International Conference on Connected Systems & Intelligence 2022 (CSI 2022), Kerala, India.	Minimizing Request Blocking in Survivable Transparent OFDM Based Optical Grids	Kerala University of Digital Sciences, Innovation and Technology (KUDSIT), Trivandrum, India.	
AEC0108	Dr. Monish Chatterjee	CSE	Professor	CONFERENCE	IEEE 13th International Conference on Computing, Communication and Networking Technologies 2022 (ICCCNT-2022)	MixCost - An Improved Offline Strategy for Multipath Provisioning of Connections in Survivable OFDM based EONs	IIT Kharagpur (Virtual mode)	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	Emerging Trends in Engineering and sciences	Genetic Algorithms to solve Integer Programming Problem in Reliability Optimization	Asansol Engineering College	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	MFHS-2015	An Improved Hybridisation of Tournament	IET, Kolkata	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	ETES-2015	A Hybrid Genetic Algorithm based on Differential Evaluation Approach for Solving Engineering Design Optimization Problems	Asansol Engineering College, Asansol	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	International Conference of Emerging Technology (INCEET 2021)	An SVM approach for Pixel Classification of Multispectral Remote Sensing Images	Jain College of Engineering Belagavi, India	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	2022 13th International Conference on Computing Communication and Networking Technologies 2022 (ICCCNT-2022)	MixCost - An Improved Offline Strategy for Multipath Provisioning of Connections in Survivable OFDM based EONs	IEEE	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	THE 14th INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT) 2022	Regeneration Sites Identification in Transparent Elastic Optical Networks	IEEE	
AEC0110	Shubankar Bala	CSE	Assistant Professor	CONFERENCE	IEEE International Conference on Communication Computing and Signal Processing (ICCCSP-2022)	Regeneration Sites Selection and Regenerator Assignment Strategies for Transparent Elastic Optical Networks: Survey and Analysis	Dept. of Electronics and Communication Engineering, Asansol Engineering College	
AEC0113	Pranabesh Gangoopadhyay	CSE	Assistant Professor	CONFERENCE	International Conference On Engineering Mathematics and Computation (ICEMC 2024)	Elevating Kidney Disease Classification: Up-sampling and Dimensionality Reduction	Haldia Institute of Technology	
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	CONFERENCE	ETES 2018 BY SPRINGER	Simultaneous Clustering and Feature Selection Using Nature-Inspired Algorithm	ASANSOL ENGINEERING COLLEGE	
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	CONFERENCE	4th International Conference on Engineering Mathematics and Computation (ICEMC 2024)	Biological Disease Prediction Based on Improved Evolutionary Logistic Model	IIT	
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	CONFERENCE	National Conference on Communication, Computing & IOT	A Survey on Deep Learning in Agriculture: Challenges and Prospects	DEPT. OF IT and CSE-407,ASANSOL ENGINEERING COLLEGE	
AEC0117	SABYASACHI MUKHERJEE	CSE	Assistant Professor	CONFERENCE	RECENT ADVANCES IN COMPUTER ENGINEERING	Challenges and Opportunities of Event Management System	Department of Computer Engineering, M. E. S. Wadia College of Engineering, Pune	
AEC0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	CONFERENCE	Biological Disease Prediction Based on Improved Evolutionary Logistic Model	Biological Disease Prediction Based on Improved Evolutionary Logistic Model	Haldia Institute of Technology	
AEC0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	CONFERENCE	National Conference on Computer, Communication & IOT	A Survey on Deep Learning in Agriculture: Challenges and Prospects	Asansol Engineering College	
AEC0207	Shatabdi Saha (Mondal)	CSE	Assistant Professor	CONFERENCE	RECENT ADVANCES IN COMPUTER ENGINEERING	Automatic Timetable Generation and Examination Invigilation Scheduling System	Department of Computer Engineering, M. E. S. Wadia College of Engineering, Pune	
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	CONFERENCE	17th International Conference on Recent Advances in Information Technology	Microarray data analysis for diagnosis of cancer diseases by machine learning algorithm	IIT-ISM Dhanbad	Chakraborty, "Microarray Data Analysis for Diagnosis of Cancer Diseases by Machine Learning algorithm," 2023 5th International Conference on Recent Advances in Information Technology (RAIT), Dhanbad, India, 2023, pp. 1-6, doi: 10.1109/RAIT57693.2023.10127090. Publisher: IEEE
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	CONFERENCE	International Conference on Communication, Computing, and Nano-Microwave Technology	Detection of Cancer from Microarray Gene Expression Data Using Feature Selection and Support Vector Machines	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND DEPT. OF FOOD TECHNOLOGY	Chakraborty, "Detection of Cancer from Microarray Gene Expression Data Using Feature Selection and Support Vector Machines", International Conference on Communication, Computing, and Nano-Microwave Technology (CCNMT 2022)
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	CONFERENCE	Second International Conference on Data Science and Artificial Intelligence (ICDSAI-2023)	Tumor prediction using microarray gene expression profiles through SVM and CBFS	ICDSAI	Chakraborty, D. (2024). Tumor Prediction Using Microarray Gene Expression Profiles Through SVM and CBFS. In: Liu, F.M., Patel, A., Keswani, N., Sanbana, B. (eds) Accelerating Discoveries in Data Science and Artificial Intelligence I. ICDSAI 2023. Springer Proceedings in Mathematics & Statistics, vol 421. Springer, Cham. https://doi.org/10.1007/978-3-031-51167-7_13. Publisher : Springer Nature
AEC0201	Dr. Debasis Chakraborty	CSE (IOT)	Professor	CONFERENCE	4TH INTERNATIONAL CONFERENCE ON MICROELECTRONICS, COMPUTING SYSTEMS, MACHINE LEARNING & INTERNET OF THINGS (MCM-I-2023)	Potato Leaf Disease Detection Using YOLOv8s with an Aim Towards Detection with a Handheld Device	BSNL	S. Hazra, S. Karfoma, D. Chakraborty, S. Chakraborty, and S. Halder, "Potato Leaf Disease Detection using YOLOv8s with an aim towards detection with a handheld device", 4th International Conference on Microelectronics Communication Systems, Machine Learning and Internet of Things(MCM-I-2023), November, 25-26, 2023.
AEC0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	CONFERENCE	Micro Electronics, Electromagnetics and Telecommunications	NA	National Institute of Technology Mizoram, India In Technical Collaboration with Kalinga Institute of Industrial Technology (KIIT) Odisha to be Invited	
AEC0757	Rana Chakraborty	CSE (IOT)	Assistant Professor	CONFERENCE	2025 4th ODTU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industries 5.0	A Repulsive Levy Random Walk Established PSO within B-LSTM for Filthy Sentence Selection	O.P.Jindal University	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2017 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC)	A 2.45 GHz Harmonic Rejection Antenna for Wireless Power Transfer Applications	IEEE	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2006 9th International Conference on Electromagnetic Interference and Compatibility (EMC 2006)	Estimation of EMI from waveguide joints and analysis of thick rectangular windows and opening of a rectangular waveguide as EMI sources	IEEE	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2015 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting	A high gain-bandwidth, nearly omnidirectional waveguide slot array antenna	IEEE	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2013 International Conference on Microwave and Photonics (ICMAP)	A Compact Branch-Line Coupler using Folded Microstrip Lines	IIT ISM DHANBAD	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2012 7th International Conference on Electrical and Computer Engineering	Analysis of Shunt - Series Slot Fed waveguide Broad Wall Shunt Slot Radiator	BUET	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2017 IEEE Applied Electromagnetics Conference (AEMC)	Meander line inductor loaded compact monopole antenna for WLAN applications	IEEE	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2006 International Conference on Electrical and Computer Engineering	Analysis of Folded E-Plane Tee Junction using Multiple Cavity Modalin Technique	BUET	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	2018 3rd International Conference on Microwave and Photonics (ICMAP)	Numerical analysis of an unmatched B'fot junction for X-band orthomode transducer applications	IIT ISM DHANBAD	
AEC0800	Dr. Ashmi Chakraborty (Das)	ECE	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Engineering and Science	Numerical Analysis of a Wideband Rectangular to Square Waveguide Transition for X-Band Orthomode Transducer Application	AEC	
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	IEEE-International Symposium On Microwave-2010 (ISM-10)	Effect on Resonance and Radiation Characteristics of Rectangular Microstrip Antenna on Partial Inclusion of Metamaterial Substrate and Superstrate	IEEE Bangalore Section	D.R.Poddar, "Effect on Resonance and Radiation Characteristics of Rectangular Microstrip Antenna on Partial Inclusion of Metamaterial Substrate and Superstrate," The proceedings of International Symposium on Microwaves 2010, Bangalore INDIA.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	International Conference on Electronic System (ICES-2011)	Subwavelength Structure Loaded Multi-band Planar Monopole Antenna for WLAN/Wi-Max Application	IEEE Calcutta Section, NIT Rourkela	D.R.Poddar, "Effect on Resonance and Radiation Characteristics of Rectangular Microstrip Antenna on Partial Inclusion of Metamaterial Substrate and Superstrate," The proceedings of International Symposium on Microwaves 2010, Bangalore INDIA.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	Engineering Education in the New Century (E2NC 2012)	Effect on Resonance and Radiation Characteristics of Circular Microstrip Antenna on Partial Inclusion of MNG metamaterial Substrate and Superstrate.	Supreme Knowledge Foundation, Markanda, West Bengal	C.Goswami, Rowdra Ghatak, and D.R.Poddar, "Effect on Resonance and Radiation Characteristics of Circular Microstrip Antenna on Partial Inclusion of MNG metamaterial Substrate and Superstrate," Proceedings of International Conference on Engineering Education in the New Century (E2NC 2012), Markanda, West Bengal, February, 2012.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	Emerging Trend in Engineering and Science (ETES) 2014	Miniaturized Band Stop Filter Using Moore Curve Fractal Spiral Resonator.	Asansol Engineering College	"Miniaturized Band Stop Filter Using Moore Curve Fractal Spiral Resonator," ETES-2014 Asansol Engineering College, January 30-31, 2014, PP.251-255.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	Emerging Trend in Engineering and Science (ETES) 2015	Emerging Trend in Engineering and Science	Asansol Engineering College	Roys,S.Pramank,S.Pal & K.Roy," Analysis & Simulation of a Typical Two Winding Transformer ", National Conference on Emerging Trends in Engineering & Science (ETES 2015) held at Asansol Engineering College, 16-17th July, 2015, ISBN-978-93-84-869-63-2,Excel India Publishers,pp.112-119.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	IEEE ETTECN-2014	Metamaterial Based Miniaturized Dual Band Antenna" Emerging Technology Trends in Electronics	IEEE Gujarat, SVNIT	Chiranjib Goswami, Rowdra Ghatak and D.R.Poddar, "Metamaterial Based Miniaturized Dual Band Antenna" Emerging Technology Trends in Electronics, Communication and Networking (ETTECN), 2014 2nd International Conference on Year: 2014, DOI: 10.1109/ETTECN.2014.7044956.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	Emerging Trend in Engineering and Science (ETES) 2018	Complementary Split Rings Resonator Inspired Microstrip Antenna for Wireless Application	Asansol Engg. College	Debabree Pata Karmakar and Chiranjib Goswami, "Complementary Split Rings Resonator Inspired Microstrip Antenna for Wireless Applications," 1st International Conference on Emerging Trends on Engineering and Science (ETES 2018).
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	" IEEE International Conference on Electronics, Material Engineering and Nano Technology (IEMTECH 2020)	Moore Curve Fractal Shaped SRR as Miniaturized Stop Band Elements	IEM Kolkata	Chiranjib Goswami, et al., "Moore Curve Fractal Shaped SRR as Miniaturized Stop Band Elements" IEEE International Conference on Electronics, Material Engineering and Nano Technology (IEMTEch 2020) 2nd 4th Oct. 2020. DOI: 10.1109/IEMTEch1367.2020.9270085.
AEC0803	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	IEEE International Symposium on Antennas and Propagation and North American Radio Science	Design of Dual-Broadband High-Gain Circularly Polarized Patch Antenna Using Novel Metasurface	Antennas and Propagation and North American Radio Science Meeting in Montreal, Quebec, Canada	S. S. Jash, C. Goswami and R. Ghatak, "Design of Dual-Broadband High-Gain Circularly Polarized Patch Antenna Using Novel Metasurface," 2020 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, Montreal, QC, Canada, 2020, pp. 827-828, doi: 10.1109/IEEECONF35879.2020.9326969

AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	IEEE IEMANTENNA 2019	Complementary Split Rings Resonator Based Circular Microstrip Antenna for Wireless Applications	IEM Kolkata, Vancouver, BC, Canada	Chiranjib Goswami, et al., "Complementary Split Rings Resonator Based Circular Microstrip Antenna for Wireless Applications" IEEE IEMANTENNA 2019, October, Vancouver, BC, Canada. DOI: 10.1109/IEMANTENNA.2019.9028904
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	3rd International Conference On Computer, Electrical & Communication Engineering ICCECE 2019	A novel inset fed rectangular patch antenna using DGS	Techno India University, Kolkata,	Rashmi Priya, "A novel inset fed rectangular patch antenna using DGS", 3rd International Conference On Computer, Electrical & Communication Engineering ICCECE 2019, Techno India University, Kolkata, 18th-19th January, 2019.
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	3rd International Conference On Computer, Electrical & Communication Engineering ICCECE 2019	Implementation of low power RF to DC converter for wireless sensor network	Techno India University, Kolkata	Rashmi Priya, "Implementation of low power RF to DC converter for wireless sensor network", 3rd International Conference On Computer, Electrical & Communication Engineering ICCECE 2019, Techno India University, Kolkata, 18th-19th January, 2019. DOI: 10.1109/ICCECE4727.2019.9001898.
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	International Conference on Electrical, Electronics, Computer Science & Civil Engineering (ICEECC 2019),	A novel RF to DC converter for Wireless sensor Network	Pailan College of Management and Technology, Kolkata,	Rashmi Priya, "Implementation of low power RF to DC converter for wireless sensor network", 3rd International Conference On Computer, Electrical & Communication Engineering ICCECE 2019, Techno India University, Kolkata, 18th-19th January, 2019. DOI: 10.1109/ICCECE4727.2019.9001898.
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends on Engineering and Science (ETES 2018)	Metamaterial Substrate and Superstrate Based Circular Microstrip Antenna	Asansol Engg. College, Asansol	Debabhree Patra Karmakar and Chiranjib Goswami, "Metamaterial Substrate and Superstrate Based Circular Microstrip Antenna," 1st International Conference on Emerging Trends on Engineering and Science (ETES 2018).
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends on Engineering and Science (ETES 2018)	Complementary Split Rings Resonator Inspired Microstrip Antenna for Wireless Applications	Asansol engineering college	Debabhree Patra Karmakar and Chiranjib Goswami, "Complementary Split Rings Resonator Inspired Microstrip Antenna for Wireless Applications," 1st International Conference on Emerging Trends on Engineering and Science (ETES 2018).
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends on Engineering and Science (ETES 2018).	Study of Inset Fed Rectangular Patch Antennas With or Without DGS	Asansol Engineering College	Pratik Ghosh, Kousik Roy, Chiranjib Goswami, Naimul Hasan, Swasta Chakraborty and Anup Kumar Chandra, "Study of Inset Fed Rectangular Patch Antennas With or Without DGS," 1st International Conference on Emerging Trends on Engineering and Science (ETES 2018).
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	National Conference on Materials, Devices and Circuits In Communication Technology, MDCT 2016	A Dual Band Dielectric Resonator Antenna With Split Ring Structure for X band application	University of Burdwan	Debabhree P. Karmakar, Chiranjib Goswami, "An Wide band Dielectric Resonator Antenna With Split Ring Resonator for X band application," Proceedings of National Conference on Materials, Devices and Circuits In Communication Technology, Burdwan; West Bengal, Feb 2016.
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	International Conference on Range Technology (ICORT-2021)	Metamaterial Inspired Filtering Antenna for Dual Band Applications	DRDO chadgarh	Ghatak, "Metamaterial Inspired Filtering Antenna for Dual Band Applications", 2nd IEEE International Conference on Range Technology (ICORT 2021) 05-06 August 2021. DOI: 10.1109/ICORT52730.2021.9581808
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	National e-Conference on Contemporary Issues and Challenges in Management in Digital Era (NACCMDE 2021)	Application of Artificial Intelligence system in Online Logistics Chatbox System	Department of Management Studies, Asansol Engineering College	
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	9TH INTERNATIONAL CONFERENCE ON MICRO-ELECTRONICS, ELECTROMAGNETICS AND ELECTROPHONICS	A Dual Band 2x2 MIMO Antenna for 5G Communication	NIT Mizoram	
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	Nagar college multidisciplinary research (NCMR-2021)	MineTrack- GPS-Guided Landmine Detection System	Nagar college	
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCSP)	Subwavelength structure loaded multi band planar monopole antenna for wlan/wimax application	Asansol Engineering College	Chiranjib Goswami, "Subwavelength structure loaded multi band planar monopole antenna for wlan/wimax application," 1st IEEE international conference on Communication Computing and Signal Processing (ICCCSP 2024) on 19-20 Sept.2024. DOI: 10.1109/ICCCSP61609.2024.10763834
AEC0083	Dr. Chiranjib Goswami	ECE	Assistant Professor	CONFERENCE	2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCSP)	Enhancement of Gain of Rectangular Microstrip Antenna Through Metamaterial Inclusion	Asansol Engineering College	Debabhree Patra Karmakar, Rowdra Ghatak, Chiranjib Goswami, "Enhancement of gain of rectangular Microstrip antenna through metamaterial inclusion," 1st IEEE international conference on Communication Computing and Signal Processing (ICCCSP 2024) on 19-20 Sept.2024. DOI: 10.1109/ICCCSP61609.2024.10763705
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends in Engineering and Science	Current Differencing Transconductor Amplifier (CDTA) Based Current Mode Quadrature Oscillator	ASANSOL ENGINEERING COLLEGE	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	Computers and Devices for Communication (CDC-2019)	resistorless electronically tunable quadrature oscillator using single CDTA	Department of Radio Physics and Electronic, University of Calcutta	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	International Conference on Microelectronics, Electronics and Communications (Micro/Em)	Voltage Mode First Order All Pass Filter Design Using Differential Difference Current Conveyor	NIT, Durgapur	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	International Symposium on Embedded Computing and System Design (ISED)	Voltage Mode Universal Filter Design Using CCDDCCTA	NIT, Durgapur	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	international conference on emerging trends in computing communication, and control (ICETC3-2012)	a current mode schmitt trigger based on CCDDTA without any passive component but any passivt any passiv	NSHM, Durgapur	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	IEESA-2014	Differential Difference Current Conveyor (DDCC) Based Current Mode Integrator & Differentiator	NIT, Durgapur	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	ICETCT 2011	TRIAC-DIAC Based DC Series Motor Speed Controller for Mud Pump of Drill Bit Equipment	Electrical and Computer Technology,Nagercoil, India	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	MDCCTA-2016	single operational transresistor amplifier (OTRA) based grounded inductance simulator and its application for signal processing	IETE burdwan Center	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	IC3A-2013	the survey of current conveyors and their applications	JIS College of engineering	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	ICCTA-2012	Mixed signal convolutional encoder for a MB-OFDM Transmitter	ECE, Mumbai	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	ICEE-2012	Nonymary decoding of BCH code using a simple algorithm	IRNET, KOLKATA	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	IEMCON-2012	An efficient method for error correction in digital signal processing	IEM, Kolkata	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCSP)	VDTA and CDTA based Grounded Flux Controlled Meminductor	ECE department, Asansol Engineering College	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCSP)	Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm	IEEE	
AEC0120	Dr. Rupam Das	ECE	Assistant Professor	CONFERENCE	IEEE Conference on communication computation and signal processing	IEEE Conference on communication computation and signal processing	Asansol Engineering College	
AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	CONFERENCE	International Conference on Communication and Sensor Networks (ICCSN 2018)	Optimized Design of Dual Band S-Shaped Microstrip Patch Antenna for Wireless Application	ACT and IASTM, Kolkata	
AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	CONFERENCE	ETES - 2018	Optimized Design of S-Shaped Dual Band Microstrip Patch Antenna for Wireless Application	Asansol Engineering College	
AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	CONFERENCE	ETES - 2018	Optimized Design of S-Shaped Dual Band Microstrip Patch Antenna for Wireless Application	Asansol Engineering College	
AEC0122	DR. SUJIT GOSWAMI	ECE	Assistant Professor	CONFERENCE	2023 3rd International Conference on Intelligent Communication and Computational Techniques (IC3CT), Jan. 18-20, 2023	A Compact Symmetrically Inverted Slotted T-Shaped Patch Antenna for Tri-Band Communications	Manipal University, Jaipur.	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	2ND INTERNATIONAL CONFERENCE ON VLSI DESIGN	MULTI INPUT SINGLE OUTPUT OTRA AS 1ST ORDER FILTER	MEGHNAD SAHA INSTITUTE OF TECHNOLOGY	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	National conference on recent trends in communication measurement and control	OTRA AS SUBTRACTOR	AEC	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	IEEE INTERNATIONAL CONFERENCE ON MICROELECTRONICS, ELECTRONICS AND COMMUNICATIONS (MEECON) 2016	DVCC AS INDUCTOR	NIT DURGAPUR	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	ETES	OTRA	AEC	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	ETES 2014	OTRA AS MULTIFUNCTIONAL FILTER	AEC	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	CODEC2012	New first order multifunction filter employing operational transresistance amplifier	institute of Radio Physics and Electronics	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	International Conference on Advance in Data Science and Computing Technologies (ADSC2022) 23rd -24th June 2022.	Unconditional Oscillator using Operational Transresistance Amplifier	KAZI NAZRUL	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	IEEE VLSI DEVICE CIRCUIT AND SYSTEM (VLSI DCS), pp. 721-724, IEEE - 2020	Multi Input Single Output using Operational Transresistance Amplifier as First Order Filter -	IEEE VLSI DEVICE CIRCUIT AND SYSTEM	
AEC0123	DR. KHUSHI BANERJEE	ECE	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	NA	Dept of IT and CSE, IOT, AEC	
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	CONFERENCE	IEEE CONFERENCE 2024	Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm	Asansol Engineering College	Kumar Mondal and S. Maitry, "Precision Segmentation and Feature Extraction of Blood Vessels of Retina using Automated Algorithm," 2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCS), ASANSOL, India, 2024, pp. 1-6, doi: 10.1109/ICCCS61609.2024.10767729.
AEC0124	Sumanta Karmakar	ECE	Assistant Professor	CONFERENCE	IEEE CONFERENCE 2024	VDTA and CDTA based Grounded Flux Controlled Meminductor	Asansol Engineering College	"VDTA and CDTA based Grounded Flux Controlled Meminductor," 2024 IEEE International Conference on Communication, Computing and Signal Processing (ICCCS), ASANSOL, India, 2024, pp. 1-6, doi: 10.1109/ICCCS61609.2024.10763556.
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	CONFERENCE	5th International Conference on VLSI, Communication and Signal Processing (VCAS 2025)	High gain Hecaport Millimeters Wave MIMO Antenna for 5G service LMS and N257 Band Applications	Motilal Nehru National Institute of Technology Allahabad	
AEC0125	DR. SHIV CHARAN PURI	ECE	Assistant Professor	CONFERENCE	ICCCUS 2024	REVIEWER OF THE PAPERS	ASANSOL ENGINEERING COLLEGE	
AEC0126	Higlab Bhattacharya	ECE	Assistant Professor	CONFERENCE	ICCT 2025	Priority Based Energy Trading using Blockchain	Jyoti Institute of Technology, Bengaluru	
AEC0126	Soumen Sen	ECE	Assistant Professor	CONFERENCE	10 th International conference on fiber optics and photonics (PHOTONICS 2010)	Dependence of the photoluminescence of annealed III-V semiconductor quantum dots on the fundamental properties	IIT, Guwahati	
AEC0126	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference on electronics communication and signal processing (NCECS-2011)	A Brief Review on the photoluminescence of interdiffused III-V quantum dots	SIT, Siliguri	

AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference on Frontiers in Electronics, communication and Instrumentation (NCFEICI 2014)	On the photoluminescence of annealed InGa _{0.5} Ni _{0.5} quantum well	ISM,Dhanbad	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(CMC2012)	MODERN TECHNOLOGY OF MOBILE AND WIRELESS COMMUNICATION	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	IEEE International conference on microwave and photonics 2014(ICMAP2014)	On the optical absorption spectra of as-grown III-V Quantum dot systems	ISM,Dhanbad	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETES2014)	Effects of spontaneous and piezoelectric polarization on the optical properties of InGa _{0.5} Ni _{0.5} Quantum well	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETCC2014)	Effect of strain on the band line up and built-in electric field of strained AlGa _{0.5} Ni _{0.5} and InGa _{0.5} Ni _{0.5} quantum well	B Poddar Institute of Management and Technology,Kolkata	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	2nd IEEE International Conference on Microwave and Photonics 2015 (ICMAP P-2015)	Investigations on the Optical Transitions and Linewidth of Asymmetric InGa _{0.5} Ni _{0.5} Quantum Well Structures	Indian School of Mines, Dhanbad	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETES2015)	SCADA Systems in Power Applications	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETES2015)	Effect of fundamental parameters on the optical properties of InGa _{0.5} Ni _{0.5} quantum well	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference (NCTAS2015)	Effect of spontaneous and piezoelectric polarization on the optical properties of AlGa _{0.5} Ni _{0.5} quantum well	MODERN INSTITUTE OF ENGINEERING & TECHNOLOGY, Hoochi Nafis	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETES2018)	Built-in Electric Field effect on the optical properties of InGa _{0.5} Ni _{0.5} Quantum Well	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National conference(ETES2018)	Upgradation of SCADA & OPGW Systems in Power Applications	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	International Conference On Impact of Changing Energy Mix in the Power Sector(ICIEAPS2019)	SCADA Integration into Smart Grid for Power Efficiency in Indian Economy	The Institution of Engineers (India),Kolkata	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	International Conferences on ICFITAE-2020	IoT based Mini Navigator for underground coal mines	Narula Institute of Technology, west bengal	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	International Level Virtual Conference on "Disruptive Technologies in Maritime Sector: Industry 4.0"	Glasses Programmed to Sense Drowsiness While Driving and Associated Alert System	Department of Marine Engineering, AMET Deemed to be University, Chennai	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National Conference on Energy Transition & Future Challenges of Indian Power Sector	Cyber Security Issues in Indian Economy	National Power Training Institute (Eastern Region), under Ministry of Power, Govt. of India in association with IIT	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	International Conference on Innovations in the Power Sector towards Sustainable Development Goals (IPSSDG)	Grid Integration Balancing Renewable Energy in Indian power Sector: The Challenges and Solutions	Damodar Valley Corporation, Kolkata, West Bengal	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National e-Conference on "Contemporary Issues and Challenges in Management in Digital Era" (NCCMDE-2021)	MULTIPLE DISEASE PREDICTION USING MACHINE LEARNING	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	National e-Conference on "Contemporary Issues and Challenges in Management in Digital Era" (NCCMDE-2021)	Automatic Doorbell Using Ultrasonic Sensor HC-SR04	Asansol Engineering College	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	IC Regional Meet-2024	IC & ED Cell & IPR Activities of Asansol Engineering College (Brief Description)	Ministry of Education Innovation Cell, Govt of India	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	International Conference on Technological, Social & Management Interventions for Sustainable Development Goals (TSMISDG-2024)	SkyVault: A Comprehensive Cloud Storage Solution for Raspberry Pi 5	GATER (Global Association for Training Education & Research)	
AEC0128	Soumen Sen	ECE	Assistant Professor	CONFERENCE	IEEE Conference "IICCS-2024"	NA	BCE Dept., Asansol Engineering College	
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	2020 IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation (ICATMRI-2020)	Reduction of Mutual Coupling between two adjacent Microstrip antennas using I-shaped Resonators	ICATMRI-2020 is sponsored by IEEE	Swati Bhattacharjee et al., "Reduction of Mutual Coupling between two adjacent Microstrip antennas using I-shaped Resonators," IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation (ICATMRI-2020), 30th December 2020, Pankaj Lalidul Institute Of Technology and Management Studies, Balasara, Maharashtra, India. DOI: 10.1109/ICATMRI51801.2020.9398327
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	IEEE International Conference on Advent trend in multidisciplinary research and innovation	Reduction of Mutual Coupling between two adjacent Microstrip antennas using I-shaped Resonators	IEEE	Swati Bhattacharjee et al., "Reduction of Mutual Coupling between two adjacent Microstrip antennas using I-shaped Resonators," IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation (ICATMRI-2020), 30th December 2020, Pankaj Lalidul Institute Of Technology and Management Studies, Balasara, Maharashtra, India. DOI: 10.1109/ICATMRI51801.2020.9398327
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	International interdisciplinary conference on mathematics, engineering and science (MESHCOSN)-IEEE	Deployment of Frequency Selective Surface (FSS) for Reduction of Mutual Coupling and Cross-Polarization in MIMO Antennas	Dr.B.C.Roy Engineering College	Swati Bhattacharjee et al., "Deployment of Frequency Selective Surface (FSS) for Reduction of Mutual Coupling and Cross-Polarization in MIMO Antennas" International interdisciplinary conference on mathematics, engineering and science -11/11/2022- 12/11/2022(IEEE MESHCOSN-2022) organised by Dr.B.C.Roy Engineering College, Durgapur
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	International Conference on Energy, Systems, Drives, Power Electronics, Measurement & Sensors	Suppression of Mutual Coupling and Cross-polarization(XP) radiation of 2-channel MIMO antenna using Electromagnetic Soft Surface (EMSS) for Ku Band App	Narula Institute of technology	Swati Bhattacharjee et al., "Suppression of Mutual Coupling and Cross-polarization (XP) radiation of 2-channel MIMO antenna using Electromagnetic Soft Surface(EMSS) for Ku Band Application" International Conference Energy Systems, Drives, Power Electronics, Measurement and Sensors (ESDPEMS -2023) dated-03.02.23-04.02.23
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2024)	An FSS integrated compact MIMO antenna with suppressed mutual coupling for 5G communication	JIS University	compact MIMO antenna with suppressed mutual coupling for 5G communication" International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2024) dated- 19/04/2024-20/04/2024.
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	1st International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2024)	Enhancing MIMO antenna performance in Ku Band applications with microstrip resonator for decoupling and XP reduction	JIS university	Swati Bhattacharjee et al., "Enhancing MIMO antenna performance in Ku Band applications with microstrip resonator for decoupling and XP reduction" International Conference on Recent Innovation in Science, Computing and Communication (RISCC 2024) dated-19/04/2024-20/04/2024.
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	IEEE Conference on communication, computation and signal processing (IICCS-2024)	communication, computation and signal processing	BCE dept Asansol Engineering College	coupling and cross polarization between Closely Spaced Microstrip MIMO Antennas by using a planar frequency-selective surface structure" IEEE International Conference on Communication, Computing & Signal Processing (IICCS-2024) dated-19/09/2024-20/09/2024.
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	Electronic Innovation 9.0	SKY MANAGEMENT :A DATABASE SYSTEM	BCE Department of AEC	
AEC0190	Swati Bhattacharjee	ECE	Assistant Professor	CONFERENCE	National Conference Communication computing and IoT (NCCCTI 2025)	STUDY OF DECOUPLING FOR 4 CHANNEL MIMO ANTENNA FOR MIMO APPLICATIONS	IT and CSE-IOT department of AEC	
AEC0196	GURJEET SINGH	ECE	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION COMPUTING & IOT	NATIONAL CONFERENCE ON COMMUNICATION COMPUTING & IOT	ASANSOL ENGINEERING COLLEGE	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Engineering and Science (ETES) 2014	A Simple Ultra Wideband Microstrip Bandpass Filter using Deformed Ground Structure	Asansol Engineering College	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	CONFERENCE	National Conference on Emerging Trends in Engineering and Science 2015 (ETES-2015)	Design of a MMF Based Microstrip Bandpass Filter for Ultra Wide Band Systems	Asansol Engineering College	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	CONFERENCE	International Conference on Microwave and Photonics (ICMAP 2018)	An Ultra Wideband Microstrip Bandpass Filter with wide stopband using SIR and DGS	IIT(ISM), Dhanbad	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	CONFERENCE	International Conference on Emerging Trends in Engineering and Science (ETES 2018)	UWB Bandpass Filter using Staggered Impedance Resonator with Rectangular and Diamond shaped DGS	Asansol Engineering College	
AEC0735	Intekhab Hussain	ECE	Assistant Professor	CONFERENCE	9TH INTERNATIONAL CONFERENCE ON MICRO-ELECTRONICS, ELECTROMAGNETICS AND TELECOMMUNICATIONS	A Dual Band 2x2 MIMO Antenna for 5G Communication	NIT, MIZORAM	
AEC0134	Kaushik Neogi	EE	Assistant Professor	CONFERENCE	2nd International Conference on "Energy Systems, Drives and Automation" (ESDA) 2019	Reflection of Optimum Pot. Resistance - An Approach to Produce Maximum Heat in Industrial Heating System	Applied Computer Technology, Kolkata	
AEC0137	Sacharita Pal	EE	Assistant Professor	CONFERENCE	7th Int. Conf. Energy Systems Drives and Automation	Review on DC to DC Boost Converter Control Topologies of Renewable Energy Application	ACT Kolkata, West Bengal	
AEC0137	Sacharita Pal	EE	Assistant Professor	CONFERENCE	IEEE ICCT 2025	Priority-Based Energy Trading using Blockchain	Jyothi institute of Technology, Bengaluru	
AEC0139	Dr. Radra Pratap Singh	EE	Assistant Professor	CONFERENCE	3rd IEEE International Conference on Computer Applications & Information Security (ICCAIS)	Solution of optimal power flow problem of system with FACTS devices using MDE algorithm	King Saud University, Kingdom of Saudi Arabia	Asan., "Solution of Optimal Power Flow Problem of System with FACTS Devices Using MDE Algorithm," In Proceedings of the 2020 3rd International Conference on Computer Applications & Information Security (ICCAIS), 1-6, Riyadh, Saudi Arabia, 2020. https://doi.org/10.1109/ICCAIS48893.2020.9096778
AEC0139	Dr. Radra Pratap Singh	EE	Assistant Professor	CONFERENCE	1st International Conference on Emerging Trends in Engineering and Science, on 23rd - 24th March, 2018 at Asansol, West Bengal, India	Optimal Reactive Power Dispatch using Modified Differential Evolution Algorithm	Asansol Engineering College	"Optimal Reactive Power Dispatch Using Modified Differential Evolution Algorithm," In Proceedings of the 1st International Conference on Emerging Trends in Engineering and Science (ETES), Asansol Engineering College, West Bengal, India, March 23-24, 2018.
AEC0139	Dr. Radra Pratap Singh	EE	Assistant Professor	CONFERENCE	IEEE International Conference on Smart Grids, Power and Advanced Control Engineering (ICSPACE)	Modified differential evolution algorithm for optimal power flow with FACTS devices	Global Academy of Technology, Bangalore (India)	Khan, "Modified Differential Evolution Algorithm for Optimal Power Flow with FACTS Devices," In Proceedings of the IEEE International Conference on Smart Grids, Power and Advanced Control Engineering (ICSPACE), 376-380, Bangalore, India: Global Academy of Technology, August 17-19, 2017. https://doi.org/10.1109/ICSPACE.2017.8343404

AEC0139	Dr. Rada Pratap Singh	EE	Assistant Professor	CONFERENCE	4th Advanced Computing and Communication Systems - ICACCS 2017	Particle swarm optimization with an aging leader and challenges for optimal power flow problem	Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India	Prasad, D., Rada Pratap Singh, and V. Mukherjee. "Particle Swarm Optimization with an Aging Leader and Challenges for Optimal Power Flow Problem." In Proceedings of the 4th International Conference on Advanced Computing and Communication Systems (ICACCS 2017), 1671-1675. Tamil Nadu, India: Sri Eshwar College of Engineering, January 6-7, 2017.
AEC0139	Dr. Rada Pratap Singh	EE	Assistant Professor	CONFERENCE	ETES-2015 conference organized by IET on 16-17th July, 2015 at Asansol, West Bengal, India	Smart reactive power control of hybrid power system model by Seeker Optimized Algorithm	Asansol Engineering College, WB, India	"Smart Reactive Power Control of Hybrid Power System Model by Seeker Optimized Algorithm." In Proceedings of the National Conference on Emerging Trends in Engineering & Science (ETES), organized by IET, Asansol Engineering College, West Bengal, India, July 16-17, 2015.
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	CONFERENCE	12th IEEE Advanced Networks and Telecommunications Systems (ANTS) Indore, India, December 16-19, 2018	Efficient 802.11 Hand-off through Load-Aware Channel Probing	IIT Indore	
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	CONFERENCE	19th OTS International Conference On Information Technologies	Interference Aware Handoff through dynamic channel Switching in High speed 802.11 WLAN	Silicon Institute Of Technology, Bhubaneswar	
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	CONFERENCE	NCCCL2025	Inventory Management System	AEC	
AEC0148	Biplab Kumar Mondal	IT	Assistant Professor	CONFERENCE	NCCCL2025	U-Blood: A Modern Solution for Blood Donation and Distribution Management	AEC	
AEC0153	Sudip Kumar De	IT	Assistant Professor	CONFERENCE	2022 2ND International conference on Advanced Computing and Intelligent Technologies (ICACIT)	Use of various Optimization Algorithms in the Energy Minimization Problem domain of WSN: A survey	Universita Di Siem, Italy AND Indira Gandhi National Talab University, India	Majumder, Rabindra Nath Shaw, and Anshik Ghosh. "Use of various optimization algorithms in the energy minimization problem domain of WSN: a survey." In Advanced Computing and Intelligent Technologies: Proceedings of ICACIT 2022, pp. 477-488. Singapore: Springer Nature Singapore, 2022.
AEC0153	Sudip Kumar De	IT	Assistant Professor	CONFERENCE	International conference on Advanced Communication and Intelligent Systems (ICACIS)	A survey on Designing Efficient WSN using Duty Cycle optimization	Warsaw Management University, Poland	De, Sudip Kumar, Avishek Banerjee, Koushik Majumder, Anurag Dasgupta, Rabindra Nath Shaw, and Anshik Ghosh. "A survey on designing efficient WSN using duty cycle optimization." In International Conference on Advanced Communication and Intelligent Systems, pp. 219-230. Cham: Springer Nature Switzerland, 2023.
AEC0153	Sudip Kumar De	IT	Assistant Professor	CONFERENCE	5th International Conference of Electrical and Electronics Engineering	A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks	Swinburne University of Technology, Melbourne, Australia	De, Sudip Kumar, Avishek Banerjee, and Koushik Majumder. "A Novel Approach for Duty Cycle Optimization in Designing Scalable Wireless Sensor Networks." In International Conference on Electrical and Electronics Engineering, pp. 669-684. Singapore: Springer Nature Switzerland, 2023.
AEC0153	Sudip Kumar De	IT	Assistant Professor	CONFERENCE	The National Conference on Computing, Communication and IoT (NCCCI 2025)	Enhancing Agriculture through Computational Solutions	Departments of Information Technology and Computer Science and Engineering (IoT) at Asansol Engineering College, Asansol	Prasad, D., Rada Pratap Singh, and V. Mukherjee. "Enhancing Agriculture through Computational Solutions through Computational Solutions." In Proceedings of the National Conference on Computing, Communication and IoT (NCCCI 2025), 231-235. New Delhi: AKNIX Publications, 2025. https://doi.org/10.22771/ed.book.3224
AEC0153	Sudip Kumar De	IT	Assistant Professor	CONFERENCE	The National Conference on Computing, Communication and IoT (NCCCI 2025)	Revolutionizing Real Estate Transactions: A Comprehensive Digital Marketplace	Departments of Information Technology and Computer Science and Engineering (IoT) at Asansol Engineering College, Asansol	Dhila Dalal, and Divyaji Yadav. "Revolutionizing Real Estate Transactions: A Comprehensive Digital Marketplace." In Proceedings of the National Conference on Computing, Communication and IoT (NCCCI 2025), 243-249. New Delhi: AKNIX Publications, 2025. https://doi.org/10.22771/ed.book.3224
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	AIP Conference Proceedings	BENGLI-ENGLISH RELEVANT CROSS LINGUAL INFORMATION ACCESS USING FINITE AUTOMATA	NIT, Durgapur	Hazra, and Shatabdi Mondal. "BENGLI-ENGLISH RELEVANT CROSS LINGUAL INFORMATION ACCESS USING FINITE AUTOMATA." In AIP Conference Proceedings, vol. 1298, no. 1, pp. 595-599. American Institute of Physics, 2010.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)	Decision making in the assessment of RRAP of WSN using the fuzzy-hybrid approach	ISI, Kolkata	Grigoras, and Samiran Chattopadhyay. "Decision making in assessment of RRAP of WSN using fuzzy hybrid approach." In 2015 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), pp. 1-6. IEEE, 2015.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	9th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	reliability improvement and the importance of power consumption optimization in wireless sensor networks	University POLITEHNICA of Bucharest	Grigoras, and Samiran Chattopadhyay. "Reliability improvement and the importance of power consumption optimization in wireless sensor networks." In 2015 9th international symposium on advanced topics in electrical engineering (ATEE), pp. 735-740. IEEE, 2015.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)	A fuzzy-ACO algorithm to enhance reliability optimization through energy harvesting in WSN.	IEEE	Banerjee, Avishek, Samiran Chattopadhyay, Anup Kumar Mukhopadhyay, and Grigoras, Gheorghe. "A fuzzy-ACO algorithm to enhance reliability optimization through energy harvesting in WSN." In 2016 international conference on electrical, electronics, and optimization techniques (ICEEOT), pp. 884-890. IEEE, 2016.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	2016 International Conference and Exposition on Electrical and Power Engineering (EPE)	A fuzzy hybrid approach for reliability optimization problem in power distribution systems	TUIASI, Romania	Banerjee, Avishek, Mihai Gavruta, Gh. Grigoras, and Samiran Chattopadhyay. "A fuzzy hybrid approach for reliability optimization problem in power distribution systems." In 2016 International conference and exposition on electrical and power engineering (EPE), pp. 809-814. IEEE, 2016.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	International Conference on Computational Intelligence, Communications, and Business Analytics	A novel intelligent modeling of storage and bandwidth constraints in distributed storage allocation	Springer	Manjani Chattopadhyay, and Avishek Banerjee. "A novel intelligent modeling of storage and bandwidth constraints in distributed storage allocation." In International Conference on Computational Intelligence, Communications, and Business Analytics, pp. 336-346. Singapore: Springer Singapore, 2017.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	International Conference on Intelligent and Cloud Computing	A power optimization technique for WSN with the help of hybrid Meta-heuristic algorithm targeting Fog Networks	Siksha 'O' Anusandhan Deemed to be University	Banerjee, Avishek, Victor Das, Aradhya Mitra, Samiran Chattopadhyay, and Utpal Biswas. "A power optimization technique for WSN with the help of hybrid meta-heuristic algorithm targeting fog networks." In Intelligent and Cloud Computing: Proceedings of ICICC 2019, Volume 1, pp. 105-123. Singapore: Springer Singapore, 2020.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	Advanced Computing and Intelligent Technologies	Construction of effective wireless sensor network for smart communication using modified ant colony optimization technique	Springer	Majumder, Rabindra Nath Shaw, and Anshik Ghosh. "Construction of effective wireless sensor network for smart communication using modified ant colony optimization technique." In Advanced Computing and Intelligent Technologies: Proceedings of ICACIT 2021, pp. 269-278. Singapore: Springer Singapore, 2021.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMIT-CON)	AI-enabled IoT based multimodal authentication system for securing the hardware and software clients	IEEE	Shelke, Nitin Arvind, Sahil Ahuja, Avishek Banerjee, Navneet Pratap Singh, Singara Singh Kasana, and Sonal Kulkreja. "AI-enabled IoT based multimodal authentication system for securing the hardware and software clients." In 2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMIT-CON), vol. 1, pp. 545-550. IEEE, 2022.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	2023 International conference on Advanced Communication and Intelligent Systems (ICACIS)	A survey on Designing Efficient WSN using Duty Cycle optimization	Warsaw Management University, Poland	Shelke, Nitin Arvind, Sahil Ahuja, Avishek Banerjee, Navneet Pratap Singh, Singara Singh Kasana, and Sonal Kulkreja. "AI-enabled IoT based multimodal authentication system for securing the hardware and software clients." In 2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMIT-CON), vol. 1, pp. 545-550. IEEE, 2022.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	Advanced Computing and Intelligent Technologies: Proceedings of ICACIT 2022	Use of Various Optimization Algorithms in the Energy Minimization Problem Domain of WSN: A Survey	IGNTU, Imphal, Manipur, India	Majumder, Rabindra Nath Shaw, and Anshik Ghosh. "Use of various optimization algorithms in the energy minimization problem domain of WSN: a survey." In Advanced Computing and Intelligent Technologies: Proceedings of ICACIT 2022, pp. 477-488. Singapore: Springer Nature Singapore, 2022.
AEC0720	Dr. Avishek Banerjee	IT	Associate Professor	CONFERENCE	International Conference on Advanced Communication and Intelligent Systems 2023	A Survey on Designing Efficient WSN Using Duty Cycle Optimization	Systems Research Institute, Warsaw, Poland	De, Sudip Kumar, Avishek Banerjee, Koushik Majumder, Anurag Dasgupta, Rabindra Nath Shaw, and Anshik Ghosh. "A survey on designing efficient WSN using duty cycle optimization." In International Conference on Advanced Communication and Intelligent Systems, pp. 219-230. Cham: Springer Nature Switzerland, 2023.
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	International Conference on Processing of Minerals, Metals and Materials - Beyond Tomorrow (ICPMAM2024)	Artificial Neural Networks Assisted Modelling for Corrosion Rate Prediction in Mg/Ca, Mg/Zn and Mg/Zn-Ca Alloys	Department of Metallurgical Engineering, Kazi Nazrul University	
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	IEEE 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCT-IOT)	A Comprehensive Study on BLE enabled IoT based Tracking System (BTIS) for Indoor Environment	School of Computer Science and Engineering, REVA University, Bangalore, India	
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	6th International Conference on 2025 Devices for Integrated Learning (DICE-2025)	Modelling of Terhart IMPATT Diodes Based on GaN Using Artificial Neural Network	IEEE EDS KGCET Student Branch Chapter with Department of ECE, KGCET, Kalsani Government Engineering College, India	
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	6th International Conference on 2025 Devices for Integrated Learning (DICE-2025)	Use of ANNs for Optimizing the Design Parameters of GaN IMPATT Sources	IEEE EDS KGCET Student Branch Chapter with Department of ECE, KGCET, Kalsani Government Engineering College, India	
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	First International Conference on Sustainable Technologies (ICST 2024)	AI-Driven Innovations in Healthcare Analytics	Microsystem Design-Integration Lab Bodhan Chandra College, WB, India	
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Explores: Simplifying with Personalized Solutions	The Department of IT and CSE (IoT, CS, BCT), Asansol Engineering College In association with The Institution of Engineers India.	

AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	The MERN Stack Meets Real-Time: A Deep Dive into Socket.io	The Department of IT and CSE (IoT, CS, BCT), Asansol Engineering College In association with The Institution of Engineers (India)
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	UrbanKart: A Spring Boot-Based Scalable E-Commerce Platform	The Department of IT and CSE (IoT, CS, BCT), Asansol Engineering College In association with The Institution of Engineers (India)
AEC0734	Santu Mondal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	MediPulse: Revolutionizing Healthcare with Technology	The Department of IT and CSE (IoT, CS, BCT), Asansol Engineering College In association with The Institution of Engineers (India)
AEC0754	AMIT KUMAR JHA	IT	Assistant Professor	CONFERENCE	NATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & IOT	Design and Implementation of a Healthcare Management System For Streamlining Hospital Operations	Asansol Engineering College
AEC0754	AMIT KUMAR JHA	IT	Assistant Professor	CONFERENCE	Human-Centric Smart Computing, Smart Innovation Systems and Technology 4.0.	Application of Artificial Intelligence in Supply Chain Management in Industries 4.0	DEM, JAIPUR
AEC0754	AMIT KUMAR JHA	IT	Assistant Professor	CONFERENCE	IEEE International Conference on Smart Power Control and Renewable Energy (ICSPCRE)	Future Prospects of Agriculture Using IoT and Machine Learning	NIT ROURKERA
AEC0755	Tapas Pal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Rice Leaf Disease Detection using CNN-Based Deep Learning	Asansol Engineering College
AEC0755	Tapas Pal	IT	Assistant Professor	CONFERENCE	National Conference on Communication, Computing and IoT (NCCCI-2025)	Vegetable Image Detection and Classification using CNN	Asansol Engineering College
AEC0755	Tapas Pal	IT	Assistant Professor	CONFERENCE	2025 International Conference on Computing, Intelligence, and Application (CIAICON)	A Hybrid Model using CNN and Genetic Algorithm for Pattern Classification of Interstitial Lung Disease	Dr B C Roy Engineering College
AEC0155	Santanu Bera	Management	Assistant Professor	CONFERENCE	Management Literary Conclave 2025	The Downfall of Bijiogiri Icecream Soda-A Tale of Conspiracy & Market Misery	JIS University
AEC0155	Santanu Bera	Management	Assistant Professor	CONFERENCE	A Convergence of AI, Accounting and Finance: Health Care and Data Analytics	Evaluation of INR with respect to USD and Counter Mechanism	JIS College of Engineering
AEC0155	Santanu Bera	Management	Assistant Professor	CONFERENCE	2025 International Conference on Management, Development, Achievement, Opportunities and Challenges for Emerging Economies	IMCC: Economic Corridor/New Opportunities in Global Supply Chain	RJAC,Kazi Nazrul University
AEC0155	Santanu Bera	Management	Assistant Professor	CONFERENCE	ICDSB 12025	Honour Strati-It's Importance, Threat And Possible Alternatives To India For Paid Security	DSMS Group of Institutions
AEC0156	Robini Kumar Agarwal	Management	Assistant Professor	CONFERENCE	Discussion forum on Ecological Sustainability in Industrial Region of Asansol, Jharkhand	NA	BCCGI
AEC0156	Robini Kumar Agarwal	Management	Assistant Professor	CONFERENCE	Two Day National e-Conference On "Contemporary Issues and Challenges in Management in Digital Era" (NCCICMDE - 2023)	Two Day National e-Conference On "Contemporary Issues and Challenges in Management in Digital Era" (NCCICMDE - 2023)	AEC
AEC0156	Robini Kumar Agarwal	Management	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	Case Study on National Awards for films in India: An application of Multiple Regression Analysis	Department of Mechanical Engineering, H(1), ALC
AEC0156	Robini Kumar Agarwal	Management	Assistant Professor	CONFERENCE	INTERNATIONAL CONFERENCE 2024 ON SOCIO-ECONOMIC TRANSFORMATION & INDUSTRY BUSINESS	BUSINESS MODEL AND STARTUP: A SYSTEMATIC LITERATURE REVIEW	JIS University
AEC0213	Sandip Karmakar	Management	Assistant Professor	CONFERENCE	National Conference on Socio Economic Transformation & Its Impact on Business	A Study on Financial Health Analysis of Top Mutual Fund Houses in India	Department of Management Studies, JIS University
AEC0213	Sandip Karmakar	Management	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	A Comparative Study on Mutual Fund Investment and Other Investment	Department of Mechanical Engineering, AEC
AEC0213	Sandip Karmakar	Management	Assistant Professor	CONFERENCE	International Conference on Management Education in Transition in Asian Countries	A Study on Government Initiatives for Promoting Tourism in South Bengal	Association of Indian Management Schools, Eastern Region
AEC0213	Sandip Karmakar	Management	Assistant Professor	CONFERENCE	Case Study Development Workshop Phase-II Management Literary Conclave 2025	FROM DROPS TO DOMINATION - THE BISLERI STORY: A CASE STUDY	JIS School of Business Management, JIS University Kolkata
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	"Design Your Future"	NA	Asian Institute of Family Managed Business of Shree Chandraprabhu Jain College, Mirzapur
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Advances in Business and Management in the VUCA World	A Study on Organizational Commitment with Stress in Public and Private Sector Bank Employees in Paschim Bardhaman District	Department of Business Administration & KMU Center for Entrepreneurship and Skill Development, Kazi Nazrul University, Asansol
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Advances in Business and Management in the VUCA World	A Study on how Covid-19 triggered the E-Commerce in India: A Review of Literature	Department of Business Administration & KMU Center for Entrepreneurship and Skill Development, Kazi Nazrul University, Asansol
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	n Advances in Business and Management in the VUCA World	A Critical Review on the Effect of Covid-19 on Green Marketing in the FMCG Sector in India	Department of Business Administration & KMU Center for Entrepreneurship and Skill Development, Kazi Nazrul University, Asansol
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	NA	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Emerging Issues in Management	Factors Influencing the Consumer Buying Behaviour in Pharmaceutical Industry: A Review Based on Global Context	DSMS College, Durgapur in association with Kazi Nazrul University, Asansol
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Emerging Issues in Management	Personalization in Digital Marketing across India: A Literature Review	DSMS College, Durgapur in association with Kazi Nazrul University, Asansol
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	Impact of Pricing Strategy in Marketing in West Bengal: A Study with Special Reference to FMCG Products	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	Employee Empowerment and Job Satisfaction in Private-Sector Banks in India: A Meta-Review of the Literature	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	Customer Satisfaction towards Online Shopping: A Study on Paschim Bardhaman District	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	Digital Financial Literacy: A Critical Review	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE-2023)	Tata Motors: Overcoming challenges through Strategic Transformation - Case Study	Management Studies Department, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Inclusive Growth through Multidisciplinary Research (ICGMR - 2023)	Literature Review in Research: Purpose, Structure and Types	Oxford College of Management, Odisha
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Sustainable Growth and Development through Emerging Technology & Innovations (ICSGD - 2024)	Innovative Approaches: New Trends in Business Research	NIS Institute of Business Administration, Bhubaneswar
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	International Conference on Recent trends in Management and Commerce (ICRM-2024)	NA	BEST Society for Research International, Kaveripattanam, Keshavnagar, Tamil Nadu, India
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	International Conference on Emerging Issues in Science, Technology, Social Science and Management	Emerging Issues in Management	Oxford College of Management, Bhubaneswar
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Social Innovation, Education and Sustainability	A Critical Review on Impact of Digital Transformation towards Education in India	Jadavpur University
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Dynamics of Research in Management, IT, Science and Social Science	Role of Business Research in Management	T. John College, Bengaluru
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	National Conference on Communication, Computing & IOT	A STUDY ON AI-DRIVEN STRATEGIES FOR ENTREPRENEURIAL SUCCESS: A CRITICAL REVIEW	Department of IT & IOT, Asansol Engineering College
AEC0716	Dr. SUDIP BASU	Management	Assistant Professor	CONFERENCE	Case Study Development Workshop Management Literary Conclave 2025	NA	JIS University
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	Contemporary Issues and Challenges in Management in Digital Era	Tata Motors: Overcoming challenges through strategic transformation	Department of Management Studies
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	International Case Conference 2025	A case study on Patient Satisfaction in Radiology Department of a private Hospital in Durgapur, West Bengal	JIS School of Business Management
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	International Case Conference 2025	Analyzing Waiting Time of Cardiology Investigation Department in The private Hospital Durgapur: A Case Study	International Case Conference 2025
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	Advancement in Healthcare and Innovation in the framework of Sustainable Economy	A Study on impact of Social Media in Health care Services	Braintree University
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	A Convergence of AI, Accounting and Finance, Healthcare	Ethical Considerations of AI in Telemedicine: A literature review	JIS College of Engineering, Kalyani
AEC0728	Suchaitri Karmakar	Management	Assistant Professor	CONFERENCE	A Convergence of AI, Accounting and Finance, Healthcare	Level of Satisfaction on Service Quality Dimensions at Radiology Department of a Private Hospital in West Bengal Based on SERVQUAL Model	JIS College of Engineering, Kalyani
AEC0731	Priyanka Kanjilal	Management	Assistant Professor	CONFERENCE	AMANTHRAN 2025	"Fostering Economic Development Through Sustainable Rural Homestays: A Model for Tourism Resilience"	Gurumak institute of hotel management
AEC0731	Priyanka Kanjilal	Management	Assistant Professor	CONFERENCE	GLOBAL SYNERGIES INTEGRATING COMMERCE, ECONOMY, SOCIETY, MEDIA, TECHNOLOGY, ENVIRONMENT, AND RESPONSIBILITY: A SUSTAINABLE AND INCLUSIVE APPROACH	The Role of Rural Tourism on Socio-Economic Development: A Literature Review	KBSAA
AEC0731	Priyanka Kanjilal	Management	Assistant Professor	CONFERENCE	Emerging Issues in Commerce, Economics, Healthcare, Management, Travel and Tourism	A Study on Exploring Gen Z's Awareness and Perceptions of Sustainable Finance: Implications for the Tourism Industry	KBSAA
AEC0731	Priyanka Kanjilal	Management	Assistant Professor	CONFERENCE	INTERDISCIPLINARY INSIGHTS Advancing Economic, Social, Technological, and Environmental Sustainability	Influence of Cultural Tourism on Socioeconomic Conditions: An Ethnographic Analysis	KBSAA
AEC0731	Priyanka Kanjilal	Management	Assistant Professor	CONFERENCE	Three days International conference on dark tourism	Exploring the shadow of tourism - Impact ethics and cultural narratives	Midnapore College
AEC0758	Yashu Shah	Management	Assistant Professor	CONFERENCE	Management Literary Conclave 2025	Greenwashing & Corporate Sustainability: A case Study on Nestle	Dr. B.R.Ambedkar NIT, Jalandhar, India
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	2nd International conference on production & industrial engineering	maintenance activity and its effect: a case of IR signalling system	Asansol Engineering College
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	National Conference on Communication, Measurement and Control	"Modular Robot for Underground & Hazardous Application"	Asansol Engineering College
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	2nd national conference on Emerging trends in engineering and sciences, ETES-2016	comparative study of EDM on P-type silicon wafer and mild steel: an experimental investigation	Asansol Engineering College
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	International conference on advancing Frontiers in operational research: towards a sustainable World, AOPR-2017	selection of maintenance method using AHP-TOPSIS; a case study of Indian Railway signalling system	Operational research society of India in collaboration with Heritage Ins. of Technology
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	1st international conference on mechanical engineering, IFCIM-2018	Failure Based Maintenance Modeling of IR Signalling Systems using Artificial Neural Network	Mechanical engg department, Jadavpur University
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	1st International conference on emerging trends in engineering and sciences, ETES-2018	crackworthiness of aluminum foam filled crash box	Asansol Engineering College
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	Two Day National e-Conference on Contemporary Issues and Challenges in Management in Digital Era (NCCICMDE - 2023)	FAILURE STUDY OF DIESEL LOCOMOTIVES IN INDIAN RAILWAY	Department of Management Studies, AEC
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	International Conference Advancement in Materials Processing Technology (AMPT) 2025	Study of Variation in Dimension of 3D Printed Component with Respect to Solid Model at Various Extruder Temperature Using IR	NIT Jamshedpur
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	National Conference on "Mechanical Engineering towards Industry 4.0 (MEI4.0-2023)"	Run Time Delay Between Originating and Destination Stations of Express Trains: A Pilot Study in Indian Railway	ME Department, Asansol Engineering College
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	e-37th National Convention of Production Engineers on the theme "Recent Trends and Future Direction in Production Engineering and Manufacturing"	Session Chair	Prod Division Board of IEI
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	39th Indian Engineering Congress,	Enhancing sparse geothermal gradient data at regional geological scale using machine learning algorithms	IEI
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	National Conference on Communication, Computing and IOT	Experimental Determination of Volume of a Stepped Cylindrical Shell Made from Aluminum	Department of IT and CSE-IOT, AEC
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	National Conference on Communication, Computing and IOT	Experimental determination of volume of low carbon steel hollow conical section	Dept of IT and CSE-IOT, AEC
AEC0061	Dr. Debashis Sarkar	ME	Associate Professor	CONFERENCE	National Conference on Communication, Computing and IOT	Development of mathematical model to predict the process parameters for PLA based 3D printed components using FDM Method	Department of IT and CSE-IOT, AEC
AEC0069	Suman Khawas	ME	Technical Assistant	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0 (MEI4.0-2023)	A Review on Effect of Process Parameters on Moulding Sand Densities	Mechanical Engineering College
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	CONFERENCE	4th International and 19th national conference on machines and mechanisms	Blockling analysis of non-linear First-order shear deformation composite plates	IIT Mandi
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	First Order Shear Deformation Refined Plate Theory: An Overview	Department of Mechanical Engineering, Asansol Engineering College
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	Eye Blink Sensor for Antisleep Alarm: A Review of Technology and Efficacy	Department of Mechanical Engineering, Asansol Engineering College
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	CONFERENCE	7th International Conference on Recent Advances in Composite Materials	A refined plate theory for nonlinear bending analysis of laminated composite plates	Chaimaya viswavidyalapeeth (Deemed to be University), kerala, composites lab
AEC0166	Dr. Ashes Maji	ME	Assistant Professor	CONFERENCE	Additive Manufacturing and Characterization	Additive manufacturing of polymer matrix composites: A Review	Indian Institute of Technology, Bombay (IIT-B)

AEC/0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	CONFERENCE	Role of Engineers in Social Development in Nepal	Role of Engineers in Social Development in Nepal	Princeton Model Academy, Birgunj, Nepal	
AEC/0169	Dr. Ramesh Prasad Sah	ME	Assistant Professor	CONFERENCE	International Conference on Security, Surveillance and Artificial Intelligence (ICSSAI-2024)	Indoor Air Quality Monitoring System for Asthma Patients	Techno India University, West Bengal	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	ETES 2014	Study of Formation of Recast Layer	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	ETES 2015	Comparative Study of EDM on P-type Silicon Wafer and Mild Steel, an Experimental Investigation	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	ETES 2018	Non Convexive Solar Pond: an Experimental Study	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	ICEMPS 2019 IEI	Design and Fabrication of a Small Model of Bladeless Wind Turbine using Wind Energy	IEL, Kolkata Chapter	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	MEH4.0 2023	Experimental Investigation of 3D Printed Dove Tail Assembly using PLA Material	Mechanical Engineering Department, Asansol Engineering College	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	NCCCI-2025	Experimental determination of volume of low carbon steel hollow conical section	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	NCCCI-2025	Experimental Determination of Volume of a Stepped Cylindrical Shell Made from Aluminum	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	NCCCI-2025	Development of mathematical model to predict the process parameters for PLA based 3D printed components using FDM Method	AEC	
AEC/0170	ANISH DEB	ME	Assistant Professor	CONFERENCE	ICAMM-2024	Parametric study of fiber-reinforced PLA sample	JHSAIR	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	7 th Second National Conference on Emerging Trends in Engineering and Science (ETES-2015)	Comparative Study of EDM on P-type Silicon-wafer and Mild Steel-An Experimental Investigation	Asansol Engineering College	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	XXIII Annual International Conference of the Society of Operations Management (SOM 2019)	Is your supply chain visible?	Industrial and Management Engineering Department, Indian Institute of Technology Kanpur, India	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	IEEE International Conference on Renewable Energy Integration into Smart Grids (ICREISG-2020)	Renewable Energy-Design a Sustainable Future	C V Raman College of Engineering, Bhubaneswar, Odisha	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	International Problems on Machines and Mechanisms (IPMM-2022)	System Identification of Hydrostatic Transmission (HST) System using Bond Graph Methodology	IIIT (ISM) Dhanbad	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	A review of particle swarm optimization algorithm and its development	Mechanical Engineering Department, Asansol Engineering College	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	7th International Conference on Recent Advances in Composite Materials	A refined plate theory for non linear bending analysis of laminated composite plates	Chimnaya Vishwavidyapeeth, Kerala	
AEC/0171	Dr. Samendu Paul	ME	Assistant Professor	CONFERENCE	Two day International Conference on Additive Manufacturing and Laser Application	Recent Advances in Additive Manufacturing	IIIT Bombay	
AEC/0173	SURAJ YADAV	ME	Assistant Professor	CONFERENCE	3RD INTERNATIONAL CONFERENCE ON COMPUTATIONAL & EXPERIMENTAL METHODS IN MECHANICAL ENGINEERING (TOWARDS INDUSTRY 4.0) (MEH4.0-2023)	FREE VIBRATION ANALYSIS OF AN ORTHOTROPIC PLATE BY DYNAMIC STIFFNESS METHOD AND FINITE ELEMENT METHOD	GI, BAJAJ	
AEC/0173	SURAJ YADAV	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0 (MEH4.0-2023)	A Review on the Microstructure and Mechanical Properties of the Heat Treated Additive Manufactured Ti-6Al-4V Alloy Components	Department of Mechanical Engineering, Asansol Engineering College	
AEC/0173	SURAJ YADAV	ME	Assistant Professor	CONFERENCE	International Conference on Additive Manufacturing and Characterization	Effect of Heat Treatment on Wire Arc Directed Energy Deposited Thin Ti6Al4V Walls	IIIT Bombay	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	FMFP2017	Review on Improving the Fuel Efficiency of a Hydraulic Excavator using Energy Efficient Hydraulic Systems	Amrita University, Amritapuri Campus, Kerala	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	MENTCA 2018	An overview of energy saving technique of a hybrid hydraulic excavator	IIIT(ISM) Dhanbad	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	MENTCA 2018	Review on hydrostatic Transmission System	IIIT(ISM) Dhanbad	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	MENTCA 2018	Modelling and Analysis of the characteristics of the system parameters of hydraulic system with variation of loading	IIIT(ISM) Dhanbad	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	4th International Conference on Recent Advances in Mechanical Engineering Research and Development (ICRAMERD-2023)	Densification Change Due to Effect of Liquid Phase Sintering on 90W-7Ni-3Fe Alloy at Different Pressing Loads	Department of Mechanical Engineering, ITER, Siksha 'O' Anusandhan (Deemed to be University)	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	An Overview of Automated Solar Glass Cutter: Harnessing the Solar Energy	Asansol Engineering College	
AEC/0174	KAUSHAL KISHORE	ME	Assistant Professor	CONFERENCE	7th International Conference on Recent Advances in Composite materials	A refined plate theory for nonlinear bending analysis of laminated composite plates	Chimnaya Vishwavidyapeeth, Kerala	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	CONFERENCE	International Conference on Emerging Trends and Engineering Science-2018	Investigation of Defects in Selective Laser Sintering of Sub-micron Scale Ceramics Oxides	Asansol Engineering College	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	CONFERENCE	6th International & 37th All India Manufacturing Technology, Design and Research Conference (AMTDTR-2016)	Molecular Dynamics Simulation Study of Neck Growth in Micro-selective Laser Sintering of Copper Nanoparticles	College of Engineering Pune	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	CONFERENCE	International Conference on Advanced Materials and Computational Methods in Mechanical Engineering (ICAMCMME-2022)	A Review on the Use of Additive Manufacturing in Casting	Department of Mechanical Engineering, Vasavi College of Engineering	
AEC/0177	Dr. SRIJAN PAUL	ME	Assistant Professor	CONFERENCE	National Conference on Mechanical Engineering towards Industry 4.0	A Review on Effect of Process Parameters on Moulding Sand Properties	ME Department, AEC	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	International Conference on Computational Intelligence and Data Science (ICIDS 2019)	LandSat 8 OLI Satellite Image Classification using Convolutional Neural Network	North Cap University, Gurgaon	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	ETES 2019	Design of 4-Bit Reversible Johnson Counter with Optimized Quantum Cost, Delay, and Number of Gate	ASANSOL ENGINEERING COLLEGE	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	International Conference on Communication and Computing Systems (ICCCS-2016)	Fabrication of macroporous silicon and its electrical behaviour study with silicon	Dronacharya College of Engineering, Gurgaon	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	International Conference on Tech Trends in Science & Engineering (ICTTSE) 2022	Converting Audio Signal into Text in Python Using Speech Recognition API	Suryodaya College of Engineering & Technology, Suryodaya Polytechnic, Nuzvid, Maharashtra, India	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	International Conference on Tech Trends in Science & Engineering (ICTTSE) 2022	Suryodaya College of Engineering & Technology, Suryodaya Polytechnic, Nuzvid, Maharashtra, India	Suryodaya College of Engineering & Technology, Suryodaya Polytechnic, Nuzvid, Maharashtra, India	
AEC/0127	DR. AMIT KUMAR RAI	Training &	Assistant Professor	CONFERENCE	International Conference on Innovation and Challenges in Engineering Sciences (ICICES)	IoT based Self-monitored Smart Floor Cleaning Robot using Solar Panel	Institute of Engineering & Technology Devi Ahilya Vishwavidyalaya Khandwa Road, Indore (M.P.) India 452017	
AEC/0738	Dr. Khashbu Chandrakar	CSE	Assistant Professor	CONFERENCE	International Conference on Advances in Computing, Communication and Networking (ICAC2N)	Artificial Intelligence powered chatbots for the speech disabled and hearing impaired using Feedforward Neural Network	Greater Noida Institute of technology	System, "Artificial Intelligence powered chatbots for the speech disabled and hearing impaired using Feedforward Neural Network," 2024 1st International Conference on Advances in Computing, Communication and Networking (ICAC2N), Greater Noida, India, 2024, pp. 1071-1075, doi: 10.1109/ICAC2N63387.2024.10894803
AEC/0738	Dr. Khashbu Chandrakar	CSE	Assistant Professor	CONFERENCE	5th International Conference for Emerging Technology (INCET), Belgium, India,	Blockchain-Enabled Supply Chain Transparency and Smart Contracts for Efficient Humanitarian Aid Operations in NGO	Jain College of Engineering & Research	Pradhan, "Blockchain-Enabled Supply Chain Transparency and Smart Contracts for Efficient Humanitarian Aid Operations in NGO," 2024 5th International Conference for Emerging Technology (INCET), Belgium, India, 2024, pp. 1-6, doi: 10.1109/INCET61516.2024.10592900
AEC/0738	Dr. Khashbu Chandrakar	CSE	Assistant Professor	CONFERENCE	23rd OITS International Conference on	Conditional Variational Autoencoder for Exoplanetary Radiance	KIT University, Bhubaneswar	