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2	Paramita Koley	Click here
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15	Subinay Adhikary	Indian Institute of Science Education and Research Kolkata	Click here
16	Sabyasachi Mukhopadhyay	IIT Kharagpur	Click here
17	Sandeep Choudhury	IIEST	

UG Fellows Research Work

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1	Point-Of-Care Device For Multiplexed Detection Of Lung Cancer Biomarkers Using Optical Sensor And Artificial Intelligence	Prof. Suman Chakraborty	Kandregula Abhinav	Click here
2	Anatomix: Immersive Learning Of Human Anatomy Through Extended Reality For Medical Students	Prof. Kaushal Kumar Bhagat	Mr. Aruni Ankur	Click here
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6	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Prof. Pawan Goyal	Subhajyoti Halder	[Click here](#)
7	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Prof. Pawan Goyal	Soni Aditya Bharatbhai	[Click here](#)
8	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Prof. Pawan Goyal	Vasamsetty Karthik	
9	Fabric analysis and analysis in real-time for the cloth industry	Pabitra Mitra	Adeeba Alam	[Click here](#)
10	Traffic Enforcement Using Computer Vision And Ai	Prof.Sudipta Mukhopadhyay	Priya Nandi	[Click here](#)
11	Traffic Enforcement Using Computer Vision And Ai	Prof. Sudipta Mukhopadhyay	Ajay Kumar Dhakar	[Click here](#)
12	Synthesis Of Single Crystal Emerald Using Artificial Intelligence And Hydrothermal Apparatus	Dr. Sujoy Ghosh	Urvi Gupta	[Click here](#)
13	Sensor-based soil moisture monitoring via Mobile App: Development of an AI-based intelligent system for marginal farmers	Prof. Rajib Maity	Harsh Bansal	[Click here](#)
14	Sensor-based soil moisture monitoring via Mobile App: Development of an AI-based intelligent system for marginal farmers	Prof. Rajib Maity	Pracheta Saha	[Click here](#)
15	Malware Executable Detection And Classification Through Visualization And Machine Learning (R/Mel)	Rajat Subhra Chakraborty	Mukulita Som	[Click here](#)
16	4d Shape Reconstruction And Pose Estimation Of Underwater Fish For Smart Aquaponics.	Dr. Gourav Dhar Bhowmick	Vaibhav Bhimraj Naik	[Click here](#)

17	How (Un) Ethical Are Instruction-Centric Responses Of Llms?	Animesh Mukherjee	Sayan Layek	Click here
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22	SAFAR: Safe and Accessible Future with AI on Roads	Dr Adway Mitra	Luqmaan Ahmed	
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27	Synthesis of single crystal emerald using artificial intelligence and Hydrothermal apparatus	Dr. Sujoy Ghosh	Ritam Mondal	Click here
28	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Pawan Goyal	Anubhab Mandal	Click here
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30	Artificial Intelligence augmented oocyte retrieval for improved outcome of Assisted Reproductive Technologies (AI4ART)	Dr. Subhamoy Mandal	Chinmay Gupta	Click here

31	FASA: Fault Aware Service Allocation with Decentralized Controllers in Fog Computing	Prof. S.K. Ghosh	Anuj Kakde	[Click here](#)
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34	Candidate profiling using video surveillance	Pabitra Mitra	Ritik Raj	[Click here](#)
35	Safe Reinforcement Learning For Neural Network Controlled Autonomous Cps (Snn)	Soumyajit Dey	Ganjikunta Vijay Kumar	[Click here](#)
36	Interactive Segmentation of Medical Images	Pabitra Mitra	Utsav Basu	[Click here](#)
37	Uncertainty quantification for AI driven Cyber Physical Systems	Prabhat Kumar Mishra	D. Abdul Rasool	
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Sl.no.	Name of the Project	Name of Principal investigator (PI)	Name of the student	1 pager link
1	Point-Of-Care Device For Multiplexed Detection Of Lung Cancer Biomarkers Using Optical Sensor And Artificial Intelligence	Prof. Suman Chakraborty	Debmalya Halder	
2	Point-Of-Care Device For Multiplexed Detection Of Lung Cancer Biomarkers Using Optical Sensor And Artificial Intelligence	Prof. Suman Chakraborty	Arghya Mukherjee	
3	Al-Enabled Bci Technologies In Controlling Robotics Devices For Hand Rehabilitation In Stroke Patients.	Prof. Manjunatha Mahadevappa	Krishna Dev R	[Click here](#)

4	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Prof. Pawan Goyal	Sourjyadip Ray	[Click here](#)
5	Synthesis Of Single Crystal Emerald Using Artificial Intelligence And Hydrothermal Apparatus	Dr. Sujoy Ghosh	Shivam Kumar Chakravarti	
6	Malware Executable Detection And Classification Through Visualization And Machine Learning (R/Mel)	Rajat Subhra Chakraborty	Sneha Swaroopa	[Click here](#)
7	MPSLIP: Multimodal Pre-training Framework for Procedural Reasoning on Text and Image Data	Prof. Abhilash Nandy	Manav Nitin Kapadnis	[Click here](#)
8	Designing and building smart privacy assistants for improving data dashboards	Mainack Mondal	Shashvat Gupta	[Click here](#)
9	A Greedy Hierarchical Approach to Whole-Network Filter-Pruning in CNNs	Sourangshu Bhattacharya	Anurag Reddy Parvathgari	
10	Using Large Language Models To Enhance Learning Efficiency And Student Engagement In Indian Education System	Pawan Goyal	Narsupalli Yaswanth	[Click here](#)
11	Road Condition Categorisation and Mapping using Machine Learning Techniques	Prof. S.K. Ghosh	Aryan Agarwal	[Click here](#)
12	An Investigation into Sign Language Recognition with Machine Learning and Deep Learning Techniques	Debasis Samanta	Sukanya Das	[Click here](#)