

Research

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Duration(s tarting year--ending year)	Fund Amount	Ongoing/ Completed
1	Madhumita Das Sarkar &Subhanjan Sarkar	Optimization of Tilt Angle for a fixed Solar Panel based on the microclimatic data of West Bengal	DST, Govt. of West Bengal	3 Yrs. (2019-2021)	Rs 17,10,700/-	Ongoing
2	SantanuPhadikar& Koushik Majumder	ISEA-II	MeitY, Govt. of India	6 Yrs(2015-2022)	1,11,30,000/-	Ongoing
3	SriparnaSaha	Towards cognitive rehabilitation: an interpretation based on sensory perception	UGC Basic Scientific Research (BSR) – Start-Up Grant	3 Yrs (2019 - 2022)	10 lakhs	Ongoing
4	Suparna Biswas	IoT based End to End Secure Remote Healthcare	WBDST	2 Yrs. (2019-2021)	5,40,600/-	Ongoing
5	Suparna Biswas	A Framework for Patient in Transit Healthcare ensuring Seamless Health Data Transmission	TEQIP Collaborative Research Scheme (CRS), AICTE	2 Yrs. (2019 – 2021)	1495000/-	Completed
6	Dr. Debashis De	Investigation of the activity of graphene and its derivatives towards the biological systems with special relevance to C.elegans.	WBDST	3 Yrs (2019 - 2022)	22,66000/-	Ongoing

Development activities

List of Product & Patent						
Sl No.	Name of the Faculty	Name of the Product/Patent	Product/Patent ID	Year of Application	Year of Approval	Approval Agency/ Organization
1	Dr. SaikatBasu	Software Copy rights of 'Montaj'	SW-14044/2020	2019	2020	Department for promotion of Industry and Internal Trade
2	Dr. Suparna Biswas	A System and Method for Smart Walking Assistant for Elderly Care	2021102699	2021	2021	Australian Government, IP Australia
3	Dr. Suparna Biswas	IoT Based System and Method for Fall Detection in Elderly or PD people by the means of Smartphone	2021102703	2021	2021	Australian Government, IP Australia
	Dr. Debashis De	Methods and Apparatus for Microcontroller based Automated Shadow Lighting System	Application number-201931044529,	journal Date-10/04/2020	Applied for	journal Number-15/2020.
	Dr. Debashis De	Morphing Technology based low cost 1800 PIXEL Board Controller for Animation.	Application Number-202031029347,	09/07/2020.	Applied for	Indian Patent
	Dr. Debashis De	Low power multichannel Internet of Agricultural Things based radial growth monitoring device for crops	201831015539.	March, 2021,	Applied for	Indian Patent
	Dr. Debashis De	Farm Fox: A Quad-Sensor based IoT Box for Precision Agriculture	Under process		Applied for	Indian Patent