



**SMU** SIKKIM  
MANIPAL  
UNIVERSITY

Established under Act of Sikkim, Act No. 17 of 1975, incorporated under 20 of the COA, Act, 1976

### PH.D DEGREES AWARDED 2022-2023


Registration No	Name of the Candidate	Degree Awarded Year	Regular / Part Time	Dept.	Supervisors	Topics	Institute/College
201410013	Col. (Dr) Ajay Dheer (Retd),	2022	External /Part Time	Community Medicine	Brig (Dr) V K Mehta, Professor & Former Dean, SMIMS	Attrition of Manpower due to High Altitude Illnesses: Human Resource Perspective	SMIMS
201710005	Dr. Rabina Bhujel	2022	Full Time	CMSNT	Dr Utpal Deka, Professor & Head, Dept of Physics, SMIT	Fabrication and Characterization of Silicon Nanowires Hybrid Solar Cells	SMIT
201710007	Dr. Ritam Dutta	2022	External Part/Time	ECE	Dr Nitai Paitya, Associate Professor, Dept of ECE, SMIT	Performance Study of Quantum Transport in Tunnel Junction Device for Low Power Logic Applications	SMIT
201610012	Dr. Inadyuti Dutt	2022	External / Part Time	Computer Applications	Dr. Samarjeet Borah, Professor, Dept of CA, SMIT	"Bio-Inspired Intrusion Detection System Using Resource-Consumption Based Techniques.	SMIT
201810007	Dr. Saibal Kumar Saha	2022	Internal / Part	Management Studies	Prof (Dr) Anindita Adhikary, Professor, Dept of Management Studies, SMIT	Impact of Active Reminders on Patients' Beliefs and Medication Adherence: A Study in Sikkim	SMIT

  
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201410001	Dr. Rubi Dey,	2022	Internal / Part Time	Physiology	Dr D. K. Jha, Former Professor & Head, Department of Physiology, SMIMS	Changes in Physiological variables and plasma biomarker BNP in acute stroke and its relation to the 7th Day outcome- A hospital based prospective study	SMIMS
201710008	Dr. Jharna Tamang	2022	Full Time	Mathematics	Dr. Asit Saha, Assistant Professor (SG) Department of Mathematics, SMIT	Bifurcation, Quasiperiodic and Chaotic Behaviors of Nonlinear Acoustic Waves in Plasmas	SMIT
201410002	Dr Rohit Kumar Sarda	2023	Internal/ Part Time	Anatomy	Dr Amlan Gupta, Professor, and HOD Department of Pathology, SMIMS	Therapeutic Evaluation of Neutral Stem Cell Implant with / without Bacopa and Analogs in Partially Damaged Spinal Cord in Mice – a Cytological, Histomorphological and Clinica Study	SMIMS
201710010	Dr. Madhura Chakraborty	2023	External/ Part Time	Electronics and Communication Engineering	Dr Swastika Chakraborty, Former Assoc Prof, Dept of ECE, SMIT	Studies of Tropospheric Radiowave Propagation for Ku / Ka Band Over Indian Regions'	SMIT
201510005,	Dr. Prativa Rai,	2023	External/ Part Time	Information Technology	Prof (Dr) H K D Sarma, Former Head, Dept of IT, SMIT	Development of Energy Efficient Routing Protocol for Cognitive Radio Wireless Sensor Networks	SMIT
201410014	Dr. Birendra Kumar Jha	2023	External/ Part Time	Biochemistry	Dr Mingma Lhamu Sherpa, Professor, Department of Biochemistry, SMIMS	Evaluation of atherogenic dyslipidemia, inflammatory marker and prothrombotic status in Metabolic Syndrome in Terai region of Janakpur zone, Nepal	SMIMS

  
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201810016	Dr. Sayan Chakraborty	2023	External/ Part Time	Computer Applications	Prof (Dr) Ratika Pradhan, Former Professor & Head, Department of Computer Applications, SMIT	Performance Optimization Techniques for Image Registration	SMIT
201910001	Dr. Punam Kumari Prasad	2023	Full Time,	Mathematics	Dr. Asit Saha, Asst Prof, Dept of Mathematics, SMIT	Dynamical behavior of nonlinear and supernonlinear waves in astrophysical plasmas'	SMIT
201510002	Dr. Manikala Moktan	2023	External/ Part Time	Community Medicine	Brig (Dr) V K Mehta, Former Dean, SMIMS	Assessment of current status of nursing education in Bhutan - a cross sectional study	SMIMS
201810022	Dr. Sadhna Rai	2023	Full Time	CMSNT	Dr Joydeep Biswas, Asst Prof, Dept of Chemistry, SMIT	Fabrication of Silicon nanowire Graphene Oxide Heterojunction for Photovoltaic Application	SMIT
201810006,	Dr. Ishwer Shivakoti	2023	Internal/ Part Time	Mechanical Engineering	Prof (Dr) Ashis Sharma, Former Director, SMIT	Experimental Investigation on Laser surface Texturing on Engineering Materials	SMIT
201910002	Dr. Barsha Pradhan	2023	Full Time	Mathematics	Dr Asit Saha, Assistant Professor (SG) Department of Mathematics, SMIT	Bifurcation of nonlinear and supernonlinear waves and chaos in certain quantum plasmas	SMIT
201510012	Dr. Asha Subba	2023	External/ Part Time	Chemistry	Dr Manoranjan Pandey, Asso. Professor, Department of Chemistry, SMIT	Study of Chemical and Bacterial Contamination in Selected Spring Water of Sikkim'	SMIT

  
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201810008	Dr Samrat Kumar Mukherjee,	2023	Internal/ Part Time	Management Studies	Dr. Jitendra Kumar, Asso. Professor, Department of Management Studies, SMIT	Impact of Social Media Promotion on Patient Behaviour: A study in Kolkata, India'	SMIT
201610006	Dr Jayanta Kumar Baruah	2023	Internal/ Part Time	Electronics and Communication Engineering	Dr R N Bera, Professor & Head, Department of CSE (DS), SMIT	Combinatorial Use of Radar, Ultrasonic and Imaging Sensors for Enhanced Driver Information System	SMIT
201910004	Dr Hashinur Islam	2023	Full Time,	Electronics and Communication Engineering	Dr Tanushree Bose (Roy), Associate Professor, Dept. of, ECE, SMIT	Design of Electronically Reconfigurable Microwave Filters to Improve Isolation in Switchable MIMO Antenna'	SMIT
201810017	Dr Sudipta Chakraborty	2023	External/ Part Time	Information Technology	Dr. H K D Sarma, Professor & Head, IT, SMIT	A Study on Modeling of Folk Music and Development of Music Recommendation System Applicable for Music Therapy	SMIT
201810002	Dr Kshittiz Chettri	2023	External/ Part Time	Mathematics	Dr. Biswajit Deb, Associate Professor, Department of Mathematics, SMIT	On Characterization of Signed Graphs and Marked Graphs'	SMIT
201910009	Dr Moumita Pramanik	2023	Internal/ Part Time	Computer Applications	Prof. (Dr.) Samarjeet Borah, Professor, Dept of CA, SMIT	A data mining approach for detection of parkinson's disease	SMIT

  
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