



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Statute No. 1 of 1973, incorporated under 22 of the I.C.A. Act, 1966

PH.D. DEGREES AWARDED 2024

Sl No.	Registration No	Name of the Candidate	Regular / Part Time	Dept.	Supervisor	Topics	Inst.	Date of Viva Voce
1.	201710009	Lalit Chettri	Full Time	ECE	Prof (Dr) R N Bera Head, Department of ECE SMIT	Design of 5G Wireless Technology Enabling Machine Type Communications.	SMIT	22.Mar.24
2.	201410012	Frieda Bokali P Engheepi	Internal Part Time	Community Medicine	Dr V K Mehta Former Dean SMIMS	Impact of Environmental Barreirs on Disablement Process of Community Dwelling Elderly in East Sikkim, India: A cross sectional.	SMIMS	10.May.24
3.	201510009	Jerina Tiwari	Internal Part Time	Anatomy	Dr Polly Lama Asso. Prof Dept of Anatomy, SMIMS	Spatial Localization and Immunohistochemical Significance of The Glycoprotein Complex In Degenerated And Non-Degenerated Human Intervertebral Disc.	SMIMS	14.May.24
4.	201410015	Kul Bahadur Subba	External Part Time	Medical Biotechnolgy	Dr Arundhati Bag HoD, Dept of Medical Biotechnology	Studies on genetic diversity, Somatic hybridization and fungal disease of Amomum subulatum Roxb.	SMIMS	27.May.24
5.	201610004	Amit Agarwal	Internal Part Time	ECE	Dr P C Pradhan Prof & Head, Dept. of ECE SMIT	Modeling of Gate-All-Around MOSFET for Reduction of Short Channel Effect.	SMIT	07.Jun.24
6.	201910006	Tapan Kumar Rana	External Part Time	ECE	Dr. Sourav Dhar, HoD Department of ECE, SMIT	Radio Propagation Modelling at Ku/Ka Band in Presence of Tropospheric Scintillation.	SMIT	28.Jun.24
7.	201610003	Shreema Manna	External Part Time	ECE	Dr R N Bera, Professor and Head Dept of ECE, SMIT	Design of Light Weight Wearable Antennas for Wireless Communication.	SMIT	23.Jul. 24

Shreema
19/02/2025

Dr. Kalpana Sharma
Director
Directorate of Research
Sikkim Manipal University
Tawang, Gangtok, Sikkim



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8.	202110001	Arpan Sharma	Full Time	CA	Dr. Mousumi Gupta, Associate Professor, Dept of CA, SMIT	Development of Machine Learning Model to assess Mass Balance of East- Rathong Glacier, West Sikkim through Microwave Remote Sensing & GIS.	SMIT	05.Aug.24
9.	201810024	Chamma Gupta	Internal Part Time	Biochemistry	Dr Mingma Lhamu Sherpa Professor & HOD Department of Biochemistry, SMIMS	A comparative study of HPV DNA Assay to assess Human Papilloma Virus (HPV) Infection Status and Genotypes using Urine, Oral and Cervical samples among men and women of Sikkim.	SMIMS	06.Sep.24
10.	201910030	Abhishek Byahut	Full Time	Medical Biotechnolgy	Dr Arundhati Bag HoD, Dept of Medical Biotechnology	Identification of Medicinal Plants Grown in Sikkim with Hypoglycemic Effect and Protective Effect on Podocyte-specific Proteins in Diabetic Nephropathy in Animal Model.	SMIMS	23.Sep.24
11.	201910005	Rubi Kumari	External Part Time	EEE	Dr M Pandit, Associate Professor, Department of EEE, SMIT	Multi - Input Cascaded Converters for Hybrid Renewable System.	SMIT	12.Sep. 24
12.	202110006	Shivani Rai	External Par Time	Mathematics	Dr. Biswajit Deb, Associate Prof, Dept of Mathematics, SMIT	Topological Indices and their Applications in Chemical Graph Theory	SMIT	11.Sep. 24
13.	201810023	Ashish Pradhan	Full Time	Mathematics	Dr Archit Ajay Yagnik, Addl. Professor, Dept of Mathematics, SMIT	Development of Intra- Chunk Dependency Nepali Parser Based on Conceptual Graph and Optimization Techniques.	SMIT	16.Sep. 24
14.	201610002	Uttejna Tewari	External Part Time	Microbiology	Dr Luna Adhikari Professor & HOD Dept. of Microbiology, SMIMS	Analysis of Molecular Diversity of Mycobacterium Tuberculosis Strains and its Impact on Drug Susceptibility and Prognosis of Patients.	SMIMS	05.Nov. 24

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15.	201810004	Longjam Langamba Angom	External Part Time	Microbiology	Dr. Dechen C. Tsering Prof, Dept of Microbiology SMIMS	A Study on Occurrence and Genetic Characterization of Antibiotic-Resistant Acinetobacter Baumannii with Special Reference to Extended Spectrum Beta Lactamase (Esbl), Ampc And Carbapenemase Isolated From A Tertiary Hospital In Durgapur.	SMIMS	06.Nov.24
16.	202010004	Rupsa Roy	Full Time	ECE	Dr Swarup Sarkar Associate Professor Department of ECE, SMIT	Design of Multilayer Reversible Arithmetic Logic Unit by Quantum Cellular Automata Technology.	SMIT	08.Nov.24



Kalpana
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Director,
Directorate of Research,
Sikkim Manipal University .