

**HDR Supervisor Register - College of Engineering and Technical Vocational Education and Training (CETVET)
Fiji National University
2024**

#	Staff Name	School	Designation	Area of Expertise	Contact- Email: Phone: Office:	Campus Location
1	Prof. Tibor Pasinszki	School of Sciences	Professor	Chemistry	tibor.pasinszki@fnu.ac.fj Mobile: 2984306	Derrick Campus - Samabula
2	Dr. Harshna Charan	School of Sciences	Assistant Professor	Marine Ecology Phycology Climate Change Blue carbon economy Interactive environmental effects Biodiversity Conservation Invasive species GIS Elemental analysis	harshna.charan@fnu.ac.fj Mobile: 8316102 3381044 ext. 4361	Derrick Campus - Samabula
3	Dr. Ankit Paliwal	School of Sciences	Assistant Professor	Food Science and Technology, Food product development and shelf life testing, Food Processing, Drying Kinetics and Modelling, Food Fermentation, Food Microbiology	ankit.paliwal@fnu.ac.fj Mobile: 9028743 3381044 ext. 4375	Derrick Campus - Samabula
4	Dr. Ulukalesi Tamata	School of Sciences	Assistant Professor	Water pollution. Nutrient enrichment and impacts on biodiversity, especially coral reefs. Climate change impacts and nature-based adaptation approach. Sustainability approach to resource and waste management. Community based resource management.	ulukalesi.tamata@fnu.ac.fj Mobile: 9752527 3381044 ext. 4373	Derrick Campus - Samabula
5	Dr. Kunal Dayal	School of Sciences	Assistant Professor	Atmospheric/Meteorological Physics Wind Energy Atmospheric Numerical Modelling Weather Research and Forecasting (WRF) Model Applications & Enhancement Microscale Wind Resource Assessment Mesoscale Wind Resource Assessment Mesoscale-Microscale Coupled Wind Resource Assessment Computational Fluid Dynamics Wind Modelling Software Applications - WAsP WindPRO WAsP Engineering, WAT WindSim WRF-WAsP coupling HOMER and RETScreen	kunal.dayal@fnu.ac.fj Mobile: 9371091 6667355 ext. 7045	Natabua Campus - Lautoka

6	Dr. Visheshni Chandra	School of Sciences	Assistant Professor	Biodiversity Conservation Ecology Entomology Sustainability Resource Management Climate Change and Phylogenetics	visheshni.chandra@fnu.ac.fj Mobile: 9235921 3381044 ext. 1004	Derrick Campus - Samabula
7	Dr. Kiran Kondamareddy	School of Sciences	Assistant Professor	Photovoltaics - Dye-sensitized solar cells Organic-Inorganic lead halide Perovskite solar cells Photo catalysis Hydrogen and Oxygen evolution Synthesis and characterization of Nano materials and Nano-composite materials; for photocatalytic and photovoltaic applications, Synthesis and characterisation of polymer blend complexes Nanocomposite polymer blend electrolyte materials for solid-state electrochemical cell applications.	kiran.kondamareddy@fnu.ac.fj Mobile: 6667355 ext. 7084	Natabua Campus - Lautoka
8	Dr. Ravi Dutt Sharma	School of Sciences	Assistant Professor	Animal Physiology Wildlife and Ecology	ravi.sharma@fnu.ac.fj Mobile: 6667355 ext. 7833	Natabua Campus - Lautoka
9	Dr. Ravita Prasad	School of Sciences	Assistant Professor	Renewable energy and sustainable energy Long-term energy planning	ravita.prasad@fnu.ac.fj Mobile:994 0870 3381044 ext. 4356	Derrick Campus - Samabula
10	Dr. Satyanand Singh	School of Electrical & Electronics Engineering	Associate Professor	Machine Learning Speech and language processing specifically in analytics of transcribed/transcribed speech Signal Processing.	satyanand.singh@fnu.ac.fj Mobile: 9226190 3381044 ext.1015	Derrick Campus - Samabula
11	Dr. Shiu Kumar	School of Electrical & Electronics Engineering	Assistant Professor	Brain-Computer Interface Artificial Intelligence Machine Learning Pattern Recognition Signal Processing Data Mining	shiu.kumar@fnu.ac.fj Mobile: 9439438 3381044 ext. 1504	Derrick Campus - Samabula
12	Dr. Ronesh Sharma	School of Electrical & Electronics Engineering	Assistant Professor	Artificial Intelligence Machine learning Bioinformatics Data Mining Pattern Recognition Robotics and Process Control Engineering applications Protein structural class prediction problems Prediction of disease-associated functional regions Protein disorder prediction DNA and RNA binding protein prediction Power convertor design	ronesh.sharma@fnu.ac.fj Mobile: 9264802 3381044 ext.1008	Derrick Campus - Samabula

13	Dr. Bhanu Pratap Soni	School of Electrical & Electronics Engineering	Assistant Professor	Power Systems; Demand Side Management; Smart Grid; Renewable Energy; EV & Battery Management System; AI-ML; Optimization; Image Processing and Deep Learning	bhanu.soni@fnu.ac.fj Mobile: 8330344 3381044 ext.1503	Derrick Campus - Samabula
14	Dr. Kajal Kothari	School of Electrical & Electronics Engineering	Assistant Professor	System modeling and identification, fractional systems and control, supercapacitor modeling, filter design, image processing, and communication.	kajal.kothari@fnu.ac.fj Mobile: 7200334 3381044 ext.1508	Derrick Campus - Samabula
15	Dr. Pritika Reddy	School of Mathematical & Computing Science	Assistant Professor	Digital Literacy, cyber -security, Technology and Education, Applied Artificial Intelligence	pratika.reddy@fnu.ac.fj Mobile: 9371527 3394000 ext. 2531	Nasinu Campus - Valelevu
16	Dr. Bimal Kumar	School of Mathematical & Computing Science	Assistant Professor	Software engineering, Human-Computer Interaction and Applied Machine Learning	bimal.kumar@fnu.ac.fj Mobile: 9237695 6667355 ext. 7031	Natabua Campus - Lautoka
17	Dr. Rajnesh Lal	School of Mathematical & Computing Science	Assistant Professor	Data Assimilation Blood flow modelling Mathematical modelling for problems in fluid dynamics Adaptive mesh refinement methods for problems in fluid engineering Finite volume and finite difference methods for computational fluid dynamics Mathematical Modeling Numerical Analysis	rajnesh.lal@fnu.ac.fj Mobile: 6667355 ext. 7051	Natabua Campus - Lautoka
18	Dr. Rajnesh Mudaliar	School of Mathematical & Computing Science	Assistant Professor	Analysis and modelling collective animal motion. Collective Decision Making. Mathematical modelling. Numerical analysis. Data analysis.	rajnesh.mudaliar@fnu.ac.fj Mobile:9323061 6667355 ext. 7073	Natabua Campus - Lautoka
19	Dr. Patrick Singh	School of Mechanical Engineering	Assistant Professor	Mechanical Engineering, Renewable Energy, Fluid machinery, Energy Storage Systems, Materials testing	patrick.singh@fnu.ac.fj Mobile: 9464867 3381044 ext. 1552	Derrick Campus - Samabula

20	Dr Moses Omolayo Petinrin	School of Mechanical Engineering	Assistant Professor	Thermofluids Engineering Renewable Energy Flow in Microchannel Heat Sinks with Surface Enhancement Thermal Management System Battery Storage System CFD: single-phase, multiphase and species transport Optimization of Fluid and Thermal Equipment with Metaheuristic Techniques	moses.petinrin@fnu.ac.fj Mobile: 2355259	Derrick Campus - Samabula
21	Dr. Narala Gangadhara Reddy	School of Building and Civil Engineering	Assistant Professor	Geotechnical Engineering, Geoenvironmental Engineering, Transportation Geotechnics, Earth Construction Materials, Sustainability in Civil Engineering, Carbon Capture, Sequestration and Storage, Sustainable Materials and Resilient Infrastructure	narala.reddy@fnu.ac.fj Mobile: 9722397	Derrick Campus - Samabula
22	Dr. Salvin Sanjesh Prasad	School of Sciences	Assistant Professor	Meteorological & Environmental Physics Artificial Intelligence Data Science Renewable Energy	Email: salvin.prasad@fnu.ac.fj Phone: 9264662 Office: 3381044 ext. 4361	Derrick Campus Samabula
23	Dr. Yogeshwaran Venkatraman	School of Building and Civil Engineering	Lecturer	Environmental Engineering Solid waste management Waster and Wastewater treatment Heavy metals, Adsorption, Irrigation and Water resources management	Principal Supervisor Master: Phd: Co-Supervisor Master: Phd:	Derrick Campus - Samabula
24	Prof. Ankim Swamy	N/A	Adjunct Professor	Engineering	swamyankim@gmail.com	N/A
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26	Prof. Alok Sharma		Adjunct Professor	Engineering	alok.fj@gmail.com	
27	Prof. Todd Dennis		Adjunct Professor	Biodiversity	movement.ecology@gmail.com	
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