

## Department of Bio Medical Engineering

### Research Expertise List

Sr. No.	Research Area	Name of the Faculty
1	Biomedical Signal and Image Processing, Machine Learning, Soft Computing, Neural Networks	Dr. Bikesh Kumar Singh
2	Biomicrofluidis, tissue engineering, computational biofluid mechanics, cognitive neuroscience.	Dr. Arindam Bit
3	Biomedical Signal Processing, Photoplethysmogram	Dr. Neelamshobha Nirala
4	Inverse Problems. Medical Imaging, Artificial Intelligence/ Consciousness, Philosophy of Science, Innovation and Entrepreneurship	Dr. Saurabh Gupta
5	Computational & Multiscale Biomechanics, Orthopedic & Dental Implant Biomechanics, Finite Element Analysis	Dr. Nishant Kumar Singh
6	Medical image processing and analysis, Soft computing, Machine learning	Dr. Sumit Kumar Banchhor
7	Signal Processing & Communication System	Mr. Ashish Kumar Dewangan
8	Image processing ,NLP, Communication, Machine learning	Mr. Pradeep Singh Thakur