

# Mentor List

The students can approach any permanent BITS faculty for mentorship. Below is the contact list of a few faculty members:

Sr. No	Project Title	Project Investigator (name and Designation)	Campus	Email Id
1.	A thin film transistor biosensor for detection of endocrine disruptive compounds	<a href="#">Prof. Abhijit Pethe,</a>	Goa	abhijitp@goa.bits-pilani.ac.in
2.	Exosome cargo in severe malaria infections: Prognostic markers for severe disease/ Markers for detection of infection	<a href="#">Prof. Ashis Kumar Das,</a>	Pilani	asishadas@pilani.bits-pilani.ac.in
3.	Bio-CPS Device Security	<a href="#">Prof. Chittaranjan Hota,</a>	Hyderabad	hota@hyderabad.bits-pilani.ac.in
4.	Methylated cfDNA as a pathological biomarker for the development of a CRISPR/Cas based molecular diagnostic tool	<a href="#">Prof. Deepak Chitkara,</a>	Pilani	deepak.chitkara@pilani.bits-pilani.ac.in
5.	A novel transistor based biosensor for analysis of BPS in water	<a href="#">Prof.. Gautam Bacher,</a>	Goa	ggb@goa.bits-pilani.ac.in
6.	A Multimodal and Cost-Effective Framework For Medical Diagnostic And Robotic Surgery Devices	<a href="#">Prof. Kunal Korgaonkar,</a>	Goa	kunalk@goa.bits-pilani.ac.in
7.	Development of Solar Powered Cloud Based IoT Device for Agriculture Application.	<a href="#">Prof. Nitin Sharma,</a>	Goa	nitinn@goa.bits-pilani.ac.in

8.	Identification of novel biomarkers in ovarian cancer and design of appropriate prognostic probes	<a href="#">Prof. Rajdeep Chowdhury</a>	Pilani	rajdeep.chowdhury@pilani.bits-pilani.ac.in
9.	De Novo designed peptides scavenge SARS-CoV2 Spike-protein	<a href="#">Prof. Samit Chattopadhyay</a>	Goa	samitc@goa.bits-pilani.ac.in
10.	Quick detection of early stage oral cancer by signature metabolites using Bio-CPS modules: Small molecule intervention with anticancer activities for oral cancer	<a href="#">Prof. Samit Chattopadhyay</a>	Goa	samitc@goa.bits-pilani.ac.in
11.	Design and development of a portable Bio-Cyber Physical System based microfluidic cell culture platform	<a href="#">Prof. Sanket Goel</a>	Hyderabad	sgoel@hyderabad.bits-pilani.ac.in
12.	Cyber-Physical System Enabled Integrated platform with Microfluidic biofuel cell and Supercapacitor for powering and monitoring biomedical implants.	<a href="#">Prof. Sanket Goel</a>	Hyderabad	sgoel@hyderabad.bits-pilani.ac.in
13.	Development of Underwater Acoustic Sensor Network for Monitoring of Coral Reef	<a href="#">Prof. Sarang C. Dhongdi</a>	Goa	sarang@goa.bits-pilani.ac.in
14.	Integrated Microfluidic/Miniaturized Electrochemical Sensing Platform for multiple bio- analytes	<a href="#">Prof. Satish K Dubey</a>	Hyderabad	satishdubey@hyderabad.bits-pilani.ac.in

15.	Isolation of white blood cells in a microfluidic device with applications to Point-of-care diagnostics	<a href="#">Prof. Siddhartha Tripathi</a>	Goa	siddharthat@goa.bits-pilani.ac.in
16.	Technology for detection and analysis of Aflatoxin M1 in milk and milk products	<a href="#">Prof. Sunil Bhand</a>	Goa	sunilbhand@goa.bits-pilani.ac.in
17.	Novel field biosensor for detection of urea in agricultural runoff water	<a href="#">Prof. Sunil Bhand</a>	Goa	sunilbhand@goa.bits-pilani.ac.in
18.	Biosensor platform for detection of Aflatoxin B1 in groundnut	<a href="#">Prof. Sunil Bhand</a>	Goa	sunilbhand@goa.bits-pilani.ac.in
19.	Development of detection system of pre-validated salivary biomarkers to determine the stages and type of cardiovascular disease	<a href="#">Prof. Syamantak Majumder</a>	Pilani	syamantak.majumder@pilani.bits-pilani.ac.in
20.	Development of Prototype Biosensor for detection of bacteria (E. coli/ Shigella and Salmonella spp.) in drinking	<a href="#">Prof. Utpal Roy</a>	Goa	uroy@goa.bits-pilani.ac.in
21.	Mobile/Web and AR-VR Based Cognition Tracking, Analysis and Rehabilitation for healthy and cognitively impaired people.	<a href="#">Prof. Veeky Baths</a>	Goa	veeky@goa.bits-pilani.ac.in
22.	A Scalable Cloud and Edge-based Framework to Ease The Deployment of IoT-based Applications	<a href="#">Prof. Vinayak Naik</a>	Goa	vinayak@goa.bits-pilani.ac.in

23.	Developing novel biomarker based test for Rapid diagnosis of Malaria infection as better alternate to current approaches	<a href="#">Prof. Vishal Saxena</a>	Pilani	vishalsaxena@pilani.bits-pilani.ac.in
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