



MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly West Bengal University of Technology)

Main Campus: NH 12, Haringhata, Post Office-Simhat, Police Station-Haringhata, Pin - 741249 City Campus: BF-142,
Sector -I, Salt Lake, Kolkata -700 064

Notification

(Applicable to RET qualified candidates and also those who are eligible for direct Enrolment interview)

The candidates seeking admissions in PhD Program of the University are advised to go through the list of supervisors given below. They can directly contact the supervisor to discuss about the research work and research facilities in their laboratories. The candidates can apply for the PhD Program through the online portal **phd.makautwb.ac.in** and submit the necessary documents in consultation with their proposed supervisor.

For any further details, please contact the PhD Cell at phd.cell@makautwb.ac.in

Sd/-

Registrar

List of Supervisors from the University Departments seeking new PhD scholars

Discipline: Applied Chemistry/Chemistry				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Arijit Bag	bagarijit@gmail.com	Assistant Professor	3	Metal-free synthesis of ammonia from Nitrogen and Hydrogen using carbene and cyclo[18] carbon
Subhash Chandra Bhattacharya	sbjuchem2014@gmail.com	Professor (Adjunct)	8	Surface Chemistry, Nanomaterials
Tapas Ghosh	tapasghosh.chem@gmail.com	Assistant Professor	4	Organic synthetic methodology and drug design, Design, synthesis, characterization and application of Liquid Crystals, Advanced Organic Photovoltaic materials, Synthesis of natural products and bioactive compounds, Carbon-carbon and Carbon-hetero atom bond formation, cascade reactions.

Discipline: Applied Mathematics/Mathematics				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Atreyee Biswas	atreyee11@gmail.com	Assistant Professor	4	Numerical and Statistical analysis in studying cosmological models and other dynamical systems
Hiranmoy Mondal	hiranmoymondal@yahoo.co.in	Assistant Professor	2	Hybrid nanofluids, Numerical methods, Computational Fluid Dynamics
Sankar Prasad Mondal	sankar.mondal02@gmail.com	Assistant Professor	2	Applied Mathematics and Statistics
Discipline: Applied Physics/Physics				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Radhaballabh Bhar	rbusicju32@yahoo.co.in	Professor (Adjunct)	2	Electrical Impedance Tomography Systems , jointly with Faculty having lab. facilities in other Institutes
Discipline: Bioinformatics				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Hridoy Ranjan Bairagya	hbairagya@gmail.com	Assistant Professor	4	Bio-molecular modeling and simulation of cancer bioinformatics, enzyme-substrate recognition, computational drug design, structural bioinformatics and water dynamics.
Soumen Kumar Pati	soumenkumar.pati@makautwb.ac.in	Associate Professor	4	Bio-data analysis, Medical data analysis, Machine learning, Pattern recognition etc

Discipline: Biotechnology				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Arnab Kumar Ghosh	iamarnab.bcma@gmail.com	Assistant Professor	4	Protective Effect of Curcumin and Melatonin Against Arsenic Induced Hepatic Carcinoma
Arup Mukherjee	arupm1234@gmail.com	Professor (Adjunct)	4	Nanomedicines, Pharmaceutical technology, Structural biology, Forensic chemistry
Bani Kumar Pathak	banikumar.pathak@makautwb.ac.in	Assistant Professor	4	Protein Folding And Aggregation: Effect Of Natural Small Molecules And Antibiotics
Debdut Naskar	debdut.naskar@makautwb.ac.in	Assistant Professor	3	Studies on cellular signalling in intestinal diseases
Jaya Bandyopadhyay	jaya.bandyopadhyay@makautwb.ac.in	Associate Professor	1	Molecular Development (including Neuronal Disorders), Neurotoxicology or Nanotoxicology
Ranjita Biswas	ranjita.biswas@makautwb.ac.in	Associate Professor	2	CRISPR-cas tools for thermophiles, Biofuel production, Algal biomass production, PGPR and soil regeneration, Postbiotic nutraceuticals
Rina Rani Ray	raypumicro@gmail.com	Associate Professor	2	Biogenic nanoparticles and its mechanism of restricting quorum sensing cascade
Smarajit Das	dr.smarajit.das@gmail.com	Assistant Professor	4	Metagenomics, Epigenetics, Big Data NGS.
Suryyani Deb	suryyani.deb@makautwb.ac.in	Assistant Professor	3	Bioengineering of Extracellular Vesicles
Tufan Naiya	tufan.naiya@makautwb.ac.in	Assistant Professor	2	Genetics of female reproductive disorders
Discipline: Computer Science & Engineering				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Debashis De	debashis.de@makautwb.ac.in	Professor	2	Internet of Things, Wireless sensor network

Koushik Majumder	koushikzone@yahoo.com	Associate Professor	2	Topics Related to Advanced Computing, Wireless Sensor and Adhoc Networks, Artificial Intelligence, Machine Learning, , Cyber Security
Pradyut Sarkar	pradyt_sarkar77@yahoo.com	Associate Professor	2	Analytical Observations of Crowd-sourcing and Social Computing to measure Performance Centric Application in Computer Science
Santanu Phadikar	sphadikar@yahoo.com	Associate Professor	1	Cyber Security
Sriyankar Acharyya	srikalpa8@gmail.com	Professor	5	AI and Bioinformatics
Sujoy Mistry	mistry.sujoy@rediffmail.com	Assistant Professor	4	Using Computational Approach and Network Analysis of Human Genetic Variants, with an Application to disease-associated genes Detection
Suparna Biswas	mailtosuparna@gmail.com	Associate Professor	2	Wireless Sensor Network, Healthcare, Precision Agriculture, Machine Learning

Discipline: Electronics and Communication Engineering

Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Amitabha Sinha	amitabhasinha.canada.2019@gmail.com	Professor (Adjunct)	2	Architecture and VLSI Design of Deep Learning Neural Network
Mihir Kumar Mahata	mihir.mahata@gmail.com	Assistant Professor	4	Semiconductor Devices, Sensors, Analog and Digital VLSI Design

Discipline: Environmental Science

Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Ananta Kumar Das	ananta_das59@yahoo.co.in	Professor	6	1)Development of Energy Efficient Green Building for Sustainable Environment 2) The Studies on the biofilm based techniques for better and cost effective sewage waste water treatment

Chabita Saha	k.chabita@gmail.com	Associate Professor	5	Biodegradable Nano Formulation for drug delivery and imaging
Discipline: Food Technology				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Anju Paul	anjupaul.ftbe@gmail.com	Assistant Professor	4	Nutritional and Antimicrobial Characteristics of some Fruits & Vegetables and Production of Value Added Product.
Niladri Chakraborty	niladri.chakraborty75@yahoo.co.in	Assistant Professor	4	New Era on Food Processing, Food Fortification, and its Preservation.
Sebak Ranjan Roy	roy_sebak@rediffmail.com	Professor	8	Food processing and cost effective nano-food product development.
Sonia Kundu	sonia.pharmamakaut@gmail.com	Assistant Professor	4	Biopolymer Templates in Smart/Intelligent Food Packaging
Discipline: Industrial Engineering & Management				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Ankita Ray	ankita.ray@makautwb.ac.in	Assistant professor	4	Application of Evolutionary Game theory in Closed Loop Supply chain.
Manik Chandra Das	manikchandra.das@makautwb.ac.in	Associate Professor	6	Development and application of Multiple Criteria Decision Making (MCDM) tools for optimization of service and manufacturing process parameters.
Discipline: Information Technology				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Aniruddha Dey	anidey007@gmail.com	Asst. Professor	3	Emotion Detection of Autism Spectrum disorder/Schizophrenia, Grain Detection

Debasis Giri	giridebasis@gmail.com	Associate Professor	1	Cyber Security, Network Security
Discipline: Management Science				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Debasish Dutta	ddmakaut@gmail.com	Assistant Professor	4	Operations Management, Strategic MSME Development, Cluster Development, Product Design.
M. Tanzeem Raza	m.tanzeemraza@gmail.com	Assistant Professor	4	New Venture Creation and the availability of means of finance (public/private)
Discipline: Material Science				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Anirban Roy	anirban.roy@makautwb.ac.in	Assistant Professor	4	Sonochemical synthesis of nanoparticles and their application in environmental remediation
Discipline: Pharmaceutical Technology				
Supervisor Name	Email ID	Designation	Vacant seats	Research topics
Chowdhury Mobaswar Hossain	drcmhossain@gmail.com	Associate Professor	3	Potential Natural Compound against Diabetes: A Mechanistic Approach
Jayanta Chattopadhyay	jc.chattopadhyay@yahoo.co.in	Professor (Adjunct)	7	Development and Optimisation of Steroidal Drug Delivery System
Kazi Asraf Ali	kaziasraf.ali@gmail.com	Assistant Professor	4	Novel Drug Delivery System.
Moitreyee Chattopadhyay	moit179@rediffmail.com	Assistant Professor	4	GABA analogues in the treatment of stress manifestations and adaptation to stress
Pranabesh Chakraborty	pchakraborty@rediffmail.com	Professor (Adjunct)	3	Chemoprevention of Diseases

Sandipan Dasgupta	sandipan.dasgupa21@gmail.com	Assistant Professor	3	1. LPS Elastase Induced COPD/Cigarette smoke induce emphysema/COPD and Its treatment, 2. A novel approach in the development and evaluation of dual cross-linked pulsatile beads of gold nanoparticle based oxycam complex conjugated with hyaluronic acid/sarilumab for chronotherapy in rheumatoid arthritis.
Tapas Kumar Pal	tapas.pal96@gmail.com	Professor (Adjunct)	8	Formulation development of Nano-phytomedicinal dosage forms in modulation of different metabolic syndromes.