

Personal information

Surname(s) / First name(s)	Bhattacharjee, Ipshita
Address(es)	Shyamosree,Bidhanpally,Madhyamgram,Kolkata-700129
Telephone(s)	+918337059083
Email(s)	bhattacharya.ipshita153@gmail.com
Nationality(-ies)	Indian
Date of birth	May 17, 1993
Gender	Female

Education

Place and Date	Calcutta University, 2016 – 2018
Title of qualification awarded	M.Tech in Biomedical Instrumentation
Place and Date	West Bengal University of Technology, 2012 – 2016
Title of qualification awarded	B.Tech in Instrumentation and Control Engineering

Trainings

1) Institute	Mitsubishi Electric,Saltlake
Topics Handled	PLC and SCADA
Duration	13/09/2014 to 27/09/2014.
2) Institute	MONIBA Training Institute,Saltlake
Topics Handled	Embedded Systems
Duration	14/05/2015 to 26/06/2015.
3) Institute	Getinge Academy
Instruments handled	Ventilator, Anaesthesia Workstation, IABP, ECMO
Duration	28/11/2017 to 30/11/2017

Instruments Exposure

Pathological Instruments	Semi-auto Analyzer, Full-auto Analyzer, ELISA Reader, Centrifuge, Conventional Microscope, Colorimeter, Spectrophotometer
Critical Care Instruments	Multi-para Monitor, Nebulizer, Syringe Pump, Infusion Pump, Pulse Oximeter, Ventilator, Oxygen Concentrator, ECMO, Heart-Lung Machine
Cardiological Instruments	ECG
OT Instruments	Anaesthesia, Surgical Diathermy, Ventilator, Multi-para Monitor, OT Table, OT Light, Spot Light, Needle Cutter
Neonatal Care Instruments	Radiant Warmer, Phototherapy Machine, CPAP Machine, Pulse Oximeter, Nebulizer
Radiology Instruments	X-Ray, C-Arm, Diagnostic Ultrasound, CT Scan, MRI
CSSD Instruments	Autoclave, Sterilizer
Other Biomedical Instruments	Pacemaker, Resectoscope
Optical Instruments	Conventional Microscope, Electron Microscope (SEM, TEM), Gamma Camera, Beam-splitter

Personal skills and competences

Mother tongue(s)	Bengali
Other language(s)	English, Hindi
Social skills and competences	Excellent Communication, Presentation and Interpersonal skills.
Organisational skills and competences	Competent in working independently as well as in team.
Technical skills and competences	Strong Background in Instrumentation, Control and Biomedical Engineering.
Computer skills and competences	MS Office, C Programming, Arduino Programming, MATLAB Programming.
Other skills and competences	Very Quick and sincere Learner

Academic Performance

Madhyamik Exam	Passed on 2009, under WBBSE, with 84.75 percent
Higher Secondary	Passed on 2011, under WBCHSE, with 67 percent
B.Tech 1st Sem.	Passed on 2012, under WBUT, with 7.3
B.Tech 2nd Sem.	Passed on 2013, under WBUT, with 7.62
B.Tech 3rd Sem.	Passed on 2013, under WBUT, with 7.19
B.Tech 4th Sem.	Passed on 2014, under WBUT, with 7.75
B.Tech 5th Sem.	Passed on 2014, under WBUT, with 8.25
B.Tech 6th Sem.	Passed on 2015, under WBUT, with 8.18
B.Tech 7th Sem.	Passed on 2015, under WBUT, with 9.00
B.Tech 8th Sem.	Passed on 2016, under MAKAUT, with 9.14
M.Tech 1st Sem.	Passed on 2017, under CU with 7.7 out of 10
M.Tech 2nd Sem.	Passed on 2017, under CU with 8.2 out of 10
M.Tech 3rd Sem.	Passed on 2018, under CU with 7.4 out of 10
M.Tech 4th Sem.	Passed on 2018, under CU with 7.5 out of 10

Projects Completed

Quantitative Analysis of Different Stages of Breast Cancer using Birefringence Sensitive Microscope.	During M.Tech
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Design of Digital Controllers for DC Motor Position Control System and their Comparison	During B.Tech
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Seminars Attended

One Month Internship at ROBOSAPIENS	During B.Tech
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Inter Disciplinary Workshop on Design and Development of Small Satelites arranged by ESCI, The Institution of Engineers.	During B.Tech
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Two day Workshop on "CHALLENGES OF INTERNET OF THINGS"	During M.Tech
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Publication BOOK CHAPTER

Nanotools and nanodevices in geothermal energy
<https://doi.org/10.1016/B978-0-12-821709-2.00022-0>

References

Dr.Soma Barman Mondal.Associate
Professor,Department of Radiophysics and
Electronics.University of Calcutta.
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