

**DEPARTMENT OF BIOTECHNOLOGY**  
**Internship & Industrial Training**

**AY: 2023-2024**

REGISTRATION NUMBER	ROLL NUMBER	NAME	TITLE OF THE PROJECT	Name of Supervisor	Name of Institute
201030100410017	1030042000 1	AHELI DAS	Evaluation of antimicrobial potential of <i>Fictibacillus</i> sp. AB521 isolated from freshwater sponge <i>Spongilla alba</i>	Dr. Abhrajyoti Ghosh	Bose institute, Kolkata
201030100410020	1030042000 3	ANIK MUKHERJEE	Molecular detection of a few gene	Dr.Pranab Roy	HOD , Department of Molecular biology,Institute of child health ,kolkata
201030100410018	1030042000 4	ANSHIKA BASAK	Insights onto intramembrane rhomboid proteases in model tomato cultivar Micro-tom	Prof. Pallob Kundu	Dept. of Biological sciences, Bose Institute ,Kolkata
201030100410021	1030042000 5	ARITRA BISWAS	Regeneration of transgenic zoysia grass plants expressing cellulose synthase gene's pleiotropic effect on various plants	Asst Prof.Dr. M. mGanesan	Department of Life sciences , Presidency University
201030100410011	1030042000 6	ARITRA KARMAKAR	Molecular approaches and primer designing of fusion gene construct of a A and its optimization and cloning .	Dr. Nibedita mahata	aAsst.Prof, NIT , Durgapur
201030100410029	1030042000 7	DISHA SINHA MAHAPATRA	Enhancing bioethanol production from <i>Saccharaum spontaneum</i> : optimizing cellulose conversion and lignin reduction	Dr. Malay Dey	Dept. of Life Science , Presidency University
201030100410012	1030042000 8	FAIJAN ALI MONDAL	Standardization of pull-down assay using recombinant ERM-BP	Dr. Dipak Manna	School of Biological Science, Ramakrishna Missin Vivekananda Educational and research Institute, Ramakrishna Mission Ashram, Narendrapur , Kolkata
201030100410022	1030042000 9	HOIMANTI GUPTA BHAYA	Drug repurposing		Boltzmann Labs Private Limited
201030100410016	1030042001 0	KAUSTAV DEY	Designing G quadruplex aptamer using confocal microscope for the cancer therapeutics	Prof.(Dr.)Subhransu Chatterjee	Bose Institute ,Kolkata

201030100410002	1030042001 1	MD SAMMI HUSSAIN	Advanced Bio-instrumentation (AAS) and microbiology	Dr. Abhinav	Mahavir cancer sansthan(Patna)
201030100410005	1030042001 2	OISHANI BHATTACHARYA	Seafood processing and online quality check /Chemical, Microbiology and Instrumental analysis of food samples.	Kousik Saha, Dr. Soumyadeep Mukhopadhyay	IFB Agro,MSK,Celebrity breweries pvt.ltd.
201030100410001	1030042001 3	PRAMITA SAHA	Studing on the oligomeric and domain structure of a capsule- producing enzyme from <i>Staphylococcus aureus</i>	Prof. Subrata Sau	Dept. of Biological sciences, Bose Institute ,Kolkata
201030100410019	1030042001 4	PRIYADARSHI MUKHERJEE	Investigating virulent factor vir F of enteroinvasive <i>Escherichia coli</i> : Plasmid isolation, primer designing	Dr.Nibedita Mahata	NIT, Durgapur
201030100410003	1030042001 5	RADHA SANKAR MAL	Analysis of root growth variation in Rice plants under alluminium and flouride stress conditions.	Asst Prof.Dr. M. mGanesan	Department of Life sciences , Presidency University
201030100410013	1030042001 6	RANIT KUMAR NASKAR	Molecular diagnostic of genetic diseases	Dr.Pranab Roy	HOD , Department of Molecular biology,Institute of child health ,kolkata
201030100410015	1030042001 7	RITASHREE BANDYOPADHYAY	A study on cost effective RBC count on a glass slide from experimental images and RBC dynamics in polymer channels	Prof. (Dr.) Suman Chakraborty	Dept. of Mechanical Engineering , I.I.T Kharagpur
201030100410006	1030042001 8	ROHIT DOLAI	Enhancing bioethanol production from Saccharaum spontaneum: optimizing cellulose conversion and lignin reduction	Dr. Malay Dey	Dept. of Life Science , Presidency University
201030100410007	1030042001 9	SANCHARI RANA	The effect of plasticizer (Bisphenol A ) on the reproductive system of fish	Prof. Dr. Kousik pramanik	Dept. of Life Science , Presidency University
201030100410025	1030042002 0	SAYAK GHOSH	The alarming impact of microplastics on the reproductive system of Fish	Prof. Dr. Kousik pramanik	Dept. of Life Science , Presidency University
201030100410028	1030042002 1	SHUBHAM SHRI	Short peptide arresting VEGF promotor G quadruplex	Prof.(Dr.)Subhransu Chatterjee	Bose Institute ,Kolkata
201030100410014	1030042002 2	SOUGATA SARKAR	Effect of different nutritional media on growth , mycelial development of isolated fungus and pathogenecity against alligator weed.	Dr. puja Roy	Dept. of Life Science , Presidency University
201030100410023	1030042002 3	SOUMYA KANTA HATI	A comprehensive study on Kanamycin's activities against pathogenic strain and molecular insight of <i>Helicobacter pylori</i>	Dr. Oindrilla Mukherjee	Asst. Prof , Dept. of Biotechnology, NIT, Durgapur
201030100410024	1030042002 4	SOURENDU DE	Effect of different nutritional media on growth , mycelial development of isolated	Dr. puja Roy	Dept. of Life Science , Presidency University

			fungus and pathogenecity against alligator weed.		
201030100410009	1030042002 5	SREEJITA PANDA	Exploring the microbial world : Inside the microbiology lab	Dr. Sanjitkumar Patra	Bankura sammilani mMedical college & Hospital
201030100410004	1030042002 6	SUKANYA BANERJEE	Quantifying the cytotoxicity of Piper nigrum using <i>Allium cepa</i> test assy	Dr/Abhijit Dey	Dept. of Life Science , Presidency University
201030100410010	1030042002 7	SUNANDITA MAITY	Characterisation of the lipid binding activity of a secreted lipase from a biotrophic plant fungus <i>Ustilago maydis</i>		
201030100410026	1030042002 8	TANNY SAHA	Evaluation of cytotoxicity and xenotoxicity effects of Piper longum extract treatment on <i>Allium cepa</i>	Dr. Abhijit Dey	Dept.of Life sciences, The presidency University Kolkata
201030100410027	1030042002 9	VISHAL KUMAR	Expression and purification of Praja 1 Ubiquitin ligase	Prof. Dr. Atin Kr. Mandal	Dept. of Biological sciences, Bose Institute ,Kolkata
10300620082		SAUMASHREE DE	Sleep disruption patterns and differences between urban rural population	Dr. Kedarmal Verma	School of Humanities and Social Sciences, IIT, Indore

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Name of Students	Roll No.	Registration No.	Name of the Institute	Name of Supervisor	Title of summer training
ABHRO DAS	00419001	016577	Ramkrishna Mission Vivekananda Educational and research institute, Narendrapur, Kol-700103	Prof. Dr. Tapas Dasgupta ( DEAN, IRDM Faculty centre)	Study of different types of media and plant growth regulators (PGRs) concentration for the fresh culture establishment of <i>Santalum album</i> and <i>Pterocarpus santalinus</i>
ACHINTYA CHOWDHURY	00419002	016501	Haldia institutite of technology,haldia, w.B	Dr. Shamba Chaterjee	An Overview of Digital marketing
ANIRUDDHA BASU	00419004	039149	Institute of child health , Kolkata	Pranab Roy, Ruma Pal	Semen handling and preparation of genome
ANJALI RAI	00419005	016505	Haldia institutite of technology,haldia, w.B	Dr. Keya Sau	An Internship report with Dr. Kamal Rawal (AI-based research group)
ANWESHA BHATTACHARJEE	00419006	016711	Bose Institute, Kolkata - 700091	Prof Subrata Sau ( Dept of Biochemistry)	Purificationand characterization of A Capsule producing enzyme from <i>Staphylococcus aureus</i>
ARYAKA BHUNIA	00419009	016212	Calcutta University	Prof. Alok Kumar Sil ( Dept. of microbiology)	Prevention of cigarette smoke induced from cell formation by metabolites from probiotic bacterial condition medium
ASHMITA BISWAS	00419010	041693	JIS Instituite of advanced stydies and research	Dr. Prosenjit Saha (Asst. Prof & Head centre for interdisciplinary sciences)	Gelatin/chitosan composite biomaterial ink for 3D bioprinting
DEBLINA PAHAN	00419011	016249	Bose Institute, Kolkata - 700091	Expression and purification of Praja 1 Ubiquitin Lipase from bacteria	Prof Atin Kumar Mandal (Dept of molecular medicine)
DEVLEENA BISWAS	00419012	016454	Haldia institutite of technology,haldia, w.B	Prof. (Dr.) Suvroma Gupta	Role of yogic science in Type-2 Diabetes Mellitus (T2DM)
DIPANNITA BISWAS	00419013	016531	Calcutta University	Prof. Ruma Pal ( Dept. of Botany)	Growth performance study and biotechnological applicationof spirulina with special referemces to genomic DNA isolation
ESHIKA DAS	00419015	016538	Haldia institutite of technology,haldia, w.B	Dr. Sucheta Das Maji	Antimicrobial activity of <i>Morinda citrifolia</i>
ESHNA DUTTA	00419016	017793	Biokart India private ltd.	Vikram s.(Director & CEO)	Skill and logical senses
INDRANI ROY	00419017	017502	Haldia institutite of	Mr.Tilak Raj Maity	Antimicrobial activity of <i>Monida</i>

			technology,haldia, w.B		<i>citrifolia</i>
ISHIKA KUMAR	00419018	016854	MYWBUT	Chandrakanta Prasad,	Python programming , Data structure, algorithms, database management system
KRISHNANU CHOUDHURI	00419020	016278	Ramkrishna Mission Vivekananda Educational and research institute, Narendrapur, Kol-700103	Prof. Dr. Tapas Dasgupta ( DEAN, IRDM Faculty centre)	Study of different types of media and plant growth regulators (PGRs) concentration for the fresh culture establishment of <i>Santalum album</i> and <i>Pterocarpus santalinus</i>
MITASHA DUTTA	00419021	016674	Haldia institutite of technology,haldia, w.B	Dr.Keya sau (Associatate prof. Dept. of Biotechnology)	Web application development process
NABANITA BHOWMIK	00419022	003346	Haldia institutite of technology,haldia, w.B	Dr. Sucheta Das Maji	Antimicrobial activity of <i>Morinda citrifolia</i>
OITRIKA BHUNIYA	00419023	016423	Prabhat kumar college, contai, W.B	Dr. Aveek Samanta ( Lecturer ,Dept. of Botany) & Dr. Goutam Datta ( Lecturer,Dept of physiology )	Comparative Assessment of an edible mushroom cultivated on different bed materials
PATHOJA MAITY	00419024	017813	Bose Institute Kolkata	Dr. Anirban Bhunia ( Prof..Dept. of biophysics)	Significance of antimicrobial peptide in antimicrobial resistance
PRIYA PATRA	00419025	039116	Prabhat kumar college, contai, W.B	Dr. Aveek Samanta ( Lecturer ,Dept. of Botany) & Dr. Goutam Datta ( Lecturer,Dept of physiology )	Comparative Assessment of an edible mushroom cultivated on different bed materials
RANA SATJAY PAL	00419026	016372		Sarvesh Agarwal (founder ,CEO)	Web development
SATARUPA DEB SINHA	00419028	016416	Calcutta University	Dr. Sukendu Mandal ( Asst. Prof , Dept of Microbiology)	Characterization of Rice Seed endophytes for their abiotic stress tollerrance attributes
SATYAKI PAHARI	00419029	016443	Institute of child health , Kolkta	Pranab Roy (Prof Molecular Biology dept.)	Molecular Diagnostics of certain genetic disorders
SAYANTAN HALDER	00419030	016306	Calcutta University	Prof. Ruma Pal ( Dept. of Botany)	An investigation on growth andbiotechnologicalpotential of green microalga based on growth and biochemical assay with specific referance to Genome DNA isolation
SOURADIPTO CHOUDHURI	00419031	016386	Haldia institutite of technology,haldia, w.B	Dr.Keya sau (Associatate prof. Dept. of Biotechnology)	Building a web app for protein structure predicton
SUBHANKAR ROY	00419032	016701	Digital marketing and running campaigns	Sanjay Bhatnagar (Head)	INTERNSHALA student partner

<b>SUNIKET BHOWMIK</b>	<b>00419034</b>	<b>016511</b>	<b>Haldia institutite of technology,haldia, w.B</b>	<b>Dr.Keya sau (Associtate prof. Dept. of Biotechnology)</b>	<b>An Overview of Digital marketing</b>
<b>SUNNY KUMAR</b>	<b>00419037</b>	<b>002350</b>	<b>Institute of the fire and safety engineering</b>	<b>Rupak Panda ( Program co-ordinator)</b>	<b>Industrial process operation at the institute of the fire and safety engineering</b>
<b>SWAGATA GUPTA</b>	<b>00419035</b>	<b>016686</b>	<b>Genome</b>	<b>Saswati Gupta ( Manager HR Fertility centre)</b>	<b>Sperm analysis</b>
<b>USHASHI SAHA CHOUHURY</b>	<b>00419036</b>	<b>016155</b>	<b>Haldia institutite of technology,haldia, w.B</b>	<b>Dr.Keya sau (Associtate prof. Dept. of Biotechnology)</b>	<b>Effectiveness of digital marketing</b>