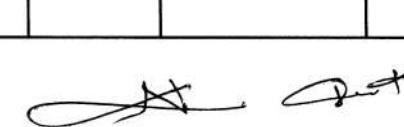


Sl. No	Name of Applicant	Roll No.	Department	Programme	Project title	Duration (Month)	Proposal Amount (In Rs.)	Name of Mentor
1	Mr. Debabrat Pathak	CHP17107	Chemical Sciences	Ph.D in Chemical Sciences	Nitrogen rich porous extendedsolids to promote organic transformation reactions and trapping of toxic metal ions	6 months	50000	Dr. Bipul Sarma
2	Mr. Tamrat Yimenu Zeleke	CHP19117	Chemical Sciences	Ph.D in Chemical Sciences	Cocrystal Technology to improve Physicochemical Properties of Active Pharmaceutical Ingredients	6 months	50000	Dr. Bipul Sarma
3	Mr. Himanshu Sharma	CHP19001	Chemical Sciences	Ph.D in Chemical Sciences	Organic Gelator Induced Selective Nucleation of Polymorphic Active Pharmaceutical Ingredients	6 months	50000	Dr. Bipul Sarma
4	Mr. Manash J. Baruah	CHP18107	Chemical Sciences	Ph.D in Chemical Sciences	Catalyst Design for Photocatalytic C-H Bond Activation and C-C Bond Formation of Small Molecules	6 months	50000	Dr. Kusum K. Bania
5	Mr. Pinku Saikia	CHP19107	Chemical Sciences	Ph.D in Chemical Sciences	MCM-41 Supported Chiral Transition Metal Catalyst for Asymmetric Synthesis.	6 months	50000	Dr. Kusum K. Bania
6	Ms. Gorishmita Borah	CHP17103	Chemical Sciences	Ph.D in Chemical Sciences	Heterogeneous Pd-PEPPSI catalyst for C-C coupling reaction of challenging substrates	6 months	50000	Dr. Nayanmoni Gogoi
7	Mr. Anup Choudhury	CHP17004	Chemical Sciences	Ph.D in Chemical Sciences	Development of water-processable chiral multifunctional molecular magnetic materials	6 months	50000	Dr. Nayanmoni Gogoi
8	Mr. Nayab Hussain	CHP19103	Chemical Sciences	Ph.D in Chemical Sciences	Electrodemodification with advanced materials for development of electrochemical transduction based non-enzymatic creatinine sensor	6 months	50000	Dr. Panchanan Puzari
9	Mr. Bhugendra Chutia	CHP17113	Chemical Sciences	Ph.D in Chemical Sciences	Design of $\text{Fe}_x\text{O}_y\text{-CeO}_2$ nanohybrids with rich oxide-oxide interface towards bifunctional oxygen electrocatalysis	6 months	50000	Dr. Pankaj Bharali


10	Ms. Suranjana Patowary	CHP19104	Chemical Sciences	Ph.D in Chemical Sciences	Design of Hybrid Electrocatalysts with Oxide-Oxide/Hydroxide Interfaces	6 months	50000	Dr. Pankaj Bharali
11	Ms. Rashmi Chetry	CHP19108	Chemical Sciences	Ph.D in Chemical Sciences	Design of morphology controlled Pd-based alloy nanoparticles for electrocatalytic application	6 months	50000	Dr. Pankaj Bharali
12	Mr. Raju Chouhan	CHP19116	Chemical Sciences	Ph.D in Chemical Sciences	Synthesis of natural product-like, indoline-based polycyclic molecules	6 months	50000	Dr. Sajal Kumar Das
13	Mr. Arup Jyoti Das	CHP17118	Chemical Sciences	Ph.D in Chemical Sciences	Substrate controlled asymmetric synthesis of spirocyclic indolines	6 months	50000	Dr. Sajal Kumar Das
14	Ms. Jonali Das	CHP17003	Chemical Sciences	Ph.D in Chemical Sciences	Exploring the unexplored epoxide ring-opening chemistry: the 6-endo enamine-epoxide and 7-endo arene-epoxide cyclizations	6 months	50000	Dr. Sajal Kumar Das
15	Mr. Abhishek Borborah	CHP17101	Chemical Sciences	Ph.D in Chemical Sciences	Design and syntheses of π-conjugated Pyrrole based Porous Organic Framework and their application towards catalysis and energy storage devices	6 months	50000	Dr. Sanjeev Pran Mahanta
16	Mr. Bikash Chandra Mushahary	CHP19110	Chemical Sciences	Ph.D in Chemical Sciences	Detection of Fluoride in aqueous medium via Si-O bond cleavage and development of RGB based onsite fluoride detector	6 months	50000	Dr. Sanjeev Pran Mahanta
17	Ms. Prantika Bhattacharjee	CHP17106	Chemical Sciences	Ph.D in Chemical Sciences	Waste fruit peel derived cellulose nanofibers supported transition-metal nanoparticles as heterogeneous catalyst for functionalization of heterocyclic moieties.	6 months	50000	Dr. Utpal Bora
18	Ms. Dipika Konwar	CHP18106	Chemical Sciences	Ph.D in Chemical Sciences	Regiospecific C-H functionalization of pharmaceutically significant indole moiety	6 months	50000	Dr. Utpal Bora
19	Ms. Rakhee Saikia	CHP16103	Chemical Sciences	Ph.D in Chemical Sciences	Aromatic Nitrilieas as an Avenue to the Synthesis of Attractive Bioactive Scaffolds	6 months	50000	Dr. Utpal Bora

Handwritten signatures of Dr. Pankaj Bharali, Dr. Sajal Kumar Das, Dr. Sanjeev Pran Mahanta, Dr. Utpal Bora, and Dr. M. K. Hossain are placed below the table.

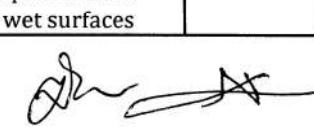
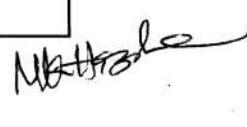
20	Miss Sudhamoyee Kataky	CHP19003	Chemical Sciences	Ph.D in Chemical Sciences	An efficient and sustainable C-H functionalization of heterocyclic arenes via metallophotoredox catalysis: A promising strategy towards innovative transformations	6 months	50000	Prof. Ashim J. Thakur
21	Mr. Raktim Abha Saikia	CHP18001	Chemical Sciences	Ph.D in Chemical Sciences	Functionalization of Biomass-derived 5-(hydroxymethyl) furfural (HMF) with Hypervalent Iodine Chemistry	6 months	50000	Prof. Ashim J. Thakur
22	Mr. Samiran Morang	CHP19111	Chemical Sciences	Ph.D in Chemical Sciences	Synthesis of ultrathin transparent superhydrophobic anti-corrosion polyurethane dispersion nanocomposite from waste/renewable raw materials	6 months	50000	Prof. N. Karak
23	Ms. Annesha Kar	CHP19105	Chemical Sciences	Ph.D in Chemical Sciences	Fabrication of a bio-based tough water soluble poly(esteramide)/carbon dot nanocomposite as an environmentally benign industrial polymeric material	6 months	50000	Prof. N. Karak
24	Ms. Nobomi Borah	CHP19106	Chemical Sciences	Ph.D in Chemical Sciences	Preparation of an advanced biocomposite from tannic acid based epoxy and tea waste	6 months	50000	Prof. N. Karak
25	Mr. Ashok Bora	CHP20105	Chemical Sciences	Ph.D in Chemical Sciences	Polysaccharide based self-cross-linking hydrogel for bio-medical application	6 months	50000	Prof. N. Karak
26	Ms. Dimpee Sarmah	CHP18104	Chemical Sciences	Ph.D in Chemical Sciences	Polysaccharide based self-healing hydrogel for multifaceted applications	6 months	50000	Prof. N. Karak
27	Mr. Asadulla Asraf Ali	CHP19114	Chemical Sciences	Ph.D in Chemical Sciences	Scientific analysis of Hengul-Haital and other traditional pigments, and restoration and preservation of dilapidated traditional sancipat manuscript of Assam	6 months	50000	Prof. R.K. Dutta
28	Ms. Sudakhina Saikia	CHP17116	Chemical Sciences	Ph.D in Chemical Sciences	Bare and supported metal oxide nanocatalyst for microwave-assisted synthesis of aromatic ketones	6 months	50000	Prof. Ramesh Chandra Deka

The image shows four handwritten signatures in black ink, likely belonging to the professors mentioned in the table above. The signatures are fluid and cursive, with some variations in style. They are positioned at the bottom right of the table.

29	Mr. Shbham Paul	CHP20101	Chemical Sciences	Ph.D in Chemical Sciences	Synthesis, characterization and evaluation of physiochemical properties of N-SO ₃ H functionalized ionic liquids and their electrochemical applications	6 months	50000	Prof. Ruli Borah
30	Ms. Sangeeta Kalita	CHP18110	Chemical Sciences	Ph.D in Chemical Sciences	Studies on the optical properties of rare earth metal-based hybrid ionic liquid materials and their activities as acid catalysts	6 months	50000	Prof. Ruli Borah
31	Ms. Niharika Kashyap	CHP18105	Chemical Sciences	Ph.D in Chemical Sciences	Designing Ionic liquid and polyoxometalate based multifunctional organic-inorganic hybrids and evaluation of their catalytic activity in oxidation reactions and biomass conversion	6 months	50000	Prof. Ruli Borah
32	Mr. Debanga Bhushan Bora	CHP19004	Chemical Sciences	Ph.D in Chemical Sciences	Development of clay based composite of ionic liquid for catalytic study	6 months	50000	Prof. Ruli Borah
33	Ms. Priyankamoni Saikia	CHP17110	Chemical Sciences	Ph.D in Chemical Sciences	Synthesis of various Perovskite-based Photocatalysts and its applications on Environmental Remediation	6 months	50000	Prof. S.K. Dolui
34	Ms Kankana Baruah	CHP19112	Chemical Sciences	Ph.D in Chemical Sciences	Functionalized Carbon Nanotubes based Poly(alkoxysilane) organogel for water purification by removal of organic pollutants and oils from polluted surface	6 months	50000	Prof. S.K. Dolui
35	Mr. Suman Lahkar	CHP17119	Chemical Sciences	Ph.D in Chemical Sciences	Development of catalyst for driving water splitting reaction efficiently	6 months	50000	Prof. S.K. Dolui
36	Ms. Shahnaz Ahmed	CHP17115	Chemical Sciences	Ph.D in Chemical Sciences	Development of stable luminescent inorganic hybrid Petovskite nanocrystal embedded into polymer matrix and its application in sensing	6 months	50000	Prof. S.K. Dolui

P.W.M. Dr. J. Datta
M. A. Hossain

37	Ms. Dikshita Sharma	CHP18108	Chemical Sciences	Ph.D in Chemical Sciences	Development of antidiabetic nanoformulations with controlled release properties using biopolymers	6 months	50000	Prof. T.K. Maji
38	Ms. Jurita Baishya	CHP20104	Chemical Sciences	Ph.D in Chemical Sciences	Development of waste fiber reinforced green nanocomposites	6 months	50000	Prof. T.K. Maji
39	Ms. Asfi Ahmed	CHP19002	Chemical Sciences	Ph.D in Chemical Sciences	Development of an adhesive hydrogel based on catechol containing compound to be applicable for wet surfaces	6 months	50000	

Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
1	Mr. Vivek Gupta	FEM19007	Food Engineering and Technology	M. Tech. in FET	Effect of Natural Deep Eutectic Solvent on Biopolymer and its application in Food System	6 months	50000	Dr. Amit Baran Das
2	Mr. Rahul Thakur	FEM19001	Food Engineering and Technology	M. Tech. in FET	Development of pH sensitive Bio composite and its applications in food system	6 months	50000	Dr. Amit Baran Das
3	Mr. Thoithoi Tongbram	FEP19103	Food Engineering and Technology	Ph. D. in FET	Standardization and intensification of RS3 production by ultrasound -coupled cyclic autoclave (UCCA) treatment	6 months	50000	Dr. L. S. Badwaik
4	MS. Lourembam Monica Devi	FEP18108	Food Engineering and Technology	Ph. D. in FET	Extraction of Phytochemicals from pigmented rice of Manipur and its encapsulation	6 months	50000	Dr. L. S. Badwaik
5	Ms. Indrani Chetia	FEP19003	Food Engineering and Technology	Ph. D. in FET	Green extraction of bioactive compounds from Edible flowers of Assam-an approach to explore high yield extraction and encapsulation of bioactive compounds of edible flowers	6 months	50000	Dr. L. S. Badwaik
6	Ms. Ruchi Rani	FEP18102	Food Engineering and Technology	Ph. D. in FET	An innovative approach towards transformation of oilseed meal into bioplastics reinforced with plant fibers	6 months	50000	Dr. L. S. Badwaik
7	Ms. Ngangom Sweety Chanu	FEM19006	Food Engineering and Technology	M. Tech. in FET	Preservation of Assam Lemon juice using non-thermal processing techniques	6 months	35000	Dr. Nishat R Swami Hulle
8	Mr. Bharat Singh Irom	FEM19003	Food Engineering and Technology	M. Tech. in FET	Kinetic modelling study on influence of particle size and ethanol on capsaicinoids extraction from king chilli (<i>Capsicum chinensis</i>)	6 months	35000	Dr. Nishat R Swami Hulle
9	Ms. Somya Singhal	FEP19105	Food Engineering and Technology	Ph. D. in FET	Extraction of the phytochemicals and pectin from Assam lemon (<i>Citrus limon Burm.F</i>) peel and its application in food systems	6 months	50000	Dr. Nishat R Swami Hulle
10	Ms. Nongmaithem Sophia Devi	FEP19004	Food Engineering and Technology	Ph. D. in FET	Standardization of drying process of <i>Elaeagnus conferta</i> and its micronutrient characterization	6 months	50000	Dr. Nishat R Swami Hulle
11	Mr. Gurajala Venkata Siva Bhagya Raj	FPP17102	Food Engineering and Technology	Ph. D. in FET	Valorization of dragon fruit (<i>Hylocereus undatus</i>) for development of cold extruded pasta	3 months	50000	Dr. Nishat R Swami Hulle
12	Mr. Bishal Sinha	FEM19020	Food Engineering and Technology	M. Tech. in FET	Development of instant formulation of iron enriched white rice using Plasma Processing	6 months	50000	Dr. Poonam Mishra
13	Ms. Tanuva Das	FEM19004	Food Engineering and Technology	M. Tech. in FET	Fuctional food development using nanoemulsion containg essential oil from <i>Curcuma cansia Roxb.</i> (<i>Black turmeric</i>)	6 months	50000	Dr. Poonam Mishra

Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
14	Mr. Arun Kumar Gupta	FPP17106	Food Engineering and Technology	Ph. D. in FET	Development of cost-effective filed based sensor for determination of maturity indices of Pomelo (<i>Citrus grandis</i>)	6 months	50000	Dr. Poonam Mishra
15	Ms. Parismita Koch	FEP19109	Food Engineering and Technology	Ph. D. in FET	Extraction of essential oil from processing waste of Pometo of North Eastern region and its nanoencapsulation for functional food edevelopment	6 months	50000	Dr. Poonam Mishra
16	Ms. Monica Yumnam	FEP18107	Food Engineering and Technology	Ph. D. in FET	Paper-based colorimetric sensor for detection of fish sppilage during storage	6 months	50000	Dr. Poonam Mishra
17	Mr. Prashant Kumar	FEM19010	Food Engineering and Technology	M. Tech. in FET	Nanofluid induced process technology for thermal treatment of Tomato juice-An innovative approach to enhance nutritional quality of fruit juice	6 months	50000	Prof. brijesh Srivastava
18	Mr. Wungshim Zimik	FEP19111	Food Engineering and Technology	Ph. D. in FET	Efficacy of Argon and Nitrogen based Non-Thermal Plasma Jet for Surface Disinfection of Fresh Strawberry for Shelf-life Enhancement	6 months	50000	Prof. Brijesh Srivastava
19	Mr. Sahijul Islam	FEP19002	Food Engineering and Technology	Ph. D. in FET	Design and Development of Continuous flow setup for Athmospheric cold palsma assised fruit juice processing	6 months	50000	Prof. Brijesh Srivastava
20	Ms. Nungleppam Monica	FEP19114	Food Engineering and Technology	Ph. D. in FET	Design and Development of microprocessor controlled Pulsed UV LED chamber and its efficacy in the shelf-life enhancement of fresh-cut pineapple	6 months	50000	Prof. Brijesh Srivastava
21	Mr. Amardeep Kumar	FEP19110	Food Engineering and Technology	Ph. D. in FET	Design and development of small-scale aseptic filling unit for fruit juice processing and its performance evaluation	6 months	50000	Prof. Brijesh Srivastava
22	Ms. Beatrice Basumatary	FEP19104	Food Engineering and Technology	Ph. D. in FET	Immobilization of polyphenolic pigments on nanocellulose synthesized from banana rachis to obtain stable natural food colorants	6 months	50000	Prof. Charu Lata Mahanta
23	Ms. Fogila Begum	FEP18104	Food Engineering and Technology	Ph. D. in FET	Utilization of nanocellulose and fat processed from the by-products of coconut milk extraction process for development of a stabilized tocopherol-loaded nanoemulsified blended beverage of coconut milk and pineapple juice	6 months	50000	Prof. Charu Lata Mahanta
24	Ms. Shagufta Rizwana	FEP19101	Food Engineering and Technology	Ph. D. in FET	Development of a Near infrared sensor based quality assessment tool for Komal Chawal	6 months	50000	Prof. M. K. Hazarika
25	Ms. Tridisha Bordoloi	FEP18105	Food Engineering and Technology	Ph. D. in FET	Development of a small cacity tea roller for household production of green tea	6 months	50000	Prof. M. K. Hazarika

The image shows four handwritten signatures in black ink, likely belonging to the mentors or project leaders mentioned in the table above. The signatures are somewhat stylized and overlapping, making individual names difficult to decipher precisely.

Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
26	Ms. Sonam Kumari Ms. Rangina Brahma Mr. D Baidya Choudhury	FEP18106 FEM19005 FEM19017	Food Engineering and Technology	Ph. D. In FET, M. Tech. in FET	3D Printing technology for foods based on traditional and unique food raw materials	6 months	50000	Prof. M. K. Hazarika
27	Ms. Monisha Neopane	FEM19008	Food Engineering and Technology	M. Tech. in FET	Dual physical modification of black kidney bean starch (<i>Phaseolus vulgaris</i>) by combining ultrasound and dry heating and its application in development of food product	6 months	30000	Prof. Nandan Sit
28	Mr. Awanish Singh	FEP19107	Food Engineering and Technology	Ph. D. in FET	Development of plant-based meat by utilizing protein from seeds of Manila tamarind fruit	6 months	50000	Prof. Nandan Sit
29	Ms. Ditimoni Dutta	FEP19108	Food Engineering and Technology	Ph. D. in FET	Development of active biodegradable packaging material for application in food products	6 months	50000	Prof. Nandan Sit
30	Mr. Mohit Singla	FEP19102	Food Engineering and Technology	Ph. D. in FET	Extraction kinetics of phenolic compounds from papaya (<i>Carica papaya L.</i>) by-products and its utilization	6 months	50000	Prof. Nandan Sit
31	Mr. Pheiroijam Manojkumar Singh	FEM19002	Food Engineering and Technology	M. Tech. in FET	Development of anthocyanin and fibre enriched fortified cookies from black rice (<i>Oryza sativa</i>) with "Kew" variety pineapple (<i>Ananas comosus</i>) waste of manipur	4.5 months	50000	Prof. Sankar C. Deka
32	Ms. Yemlembam Binita Devi	FEM19014	Food Engineering and Technology	M. Tech. in FET	Development of protein-fiber enriched extruded functional nacks from pineapple wate of Manipur "queen variety" (<i>Ananas comosus</i>) and soyflour	4.5 months	45349	Prof. Sankar C. Deka
33	Mr. Manas Jyoti Das	FPP16101	Food Engineering and Technology	Ph. D. in FET	<i>In vitro</i> antioxidant, antidiabetic and-inflammatory activity of a combined microwave followed by ultrasound processed bottle gourd juice	6 months	50000	Prof. Sankar C. Deka
34	Ms. Maibam Baby Devi	FPP17001	Food Engineering and Technology	Ph. D. in FET	Development of fuctional baked product using <i>Euryale ferox</i> starch- polyphenol complex	6 months	50000	Prof. Sankar C. Deka
35	Ms. Payel Dhar	FEP19106	Food Engineering and Technology	Ph. D. in FET	Development of a Bioactive Functional Food from Queen Pineapple Wate of Northeast India	6 months	50000	Prof. Sankar C. Deka
36	Ms. Sangita Muchahary	FPP17107	Food Engineering and Technology	Ph. D. in FET	Development of phytochemical enriched ready to cook product from bhimkol banana blossom wate	6 months	50000	Prof. Sankar C. Deka
37	Ms. Tapasya Kumari	FEP19007	Food Engineering and Technology	Ph. D. in FET	Development of a Bioactive Functional Food from Pea Peel Wate and Yogurt	6 months	50000	Prof. Sankar C. Deka

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Sl. No	Name of Applicant	Roll No.	Department	Programme	Project title	Duration (Months)	Proposal Amount (In Rs.)	Name of Mentor
1	Ms. DEVALINA SARMAH	PHP17005	Physics	PH.D in Physics	Conducting polymer based trivalent ion ultra capacitor	6 months	50000	Dr. Shyamal K Das
2	Ms. KABITA DEKA	PHP17113	Physics	PH.D in Physics	The ASTROSAT view on understanding FLUX and Index distribution of X-ray binary cygnusX-1	6 months	50000	Dr. Gazi A. Ahmed
3	Ms. KAKOLI DOLOI	PHP19109	Physics	PH.D in Physics	Metal Organic framework (MOF) based electrochemical sensor for environmental contaminants detection	6 months	50000	Dr. Dambarudhar Mahanta
4	Mr AFTAB ANSARI	PHP17102	Physics	PH.D in Physics	Ion transport in reconstituted membranes mediated by nanoscale particles	6 months	50000	Dr. Dambarudhar Mahanta
5	Mr. ABINASH MEDHI	PHP19101	Physics	PH.D in Physics	Probing scalar non standard interaction(NSI) in neutrinos, and characterizing silicon photomultipliers(SIPMs) as Potential detectors to enhance such searches	6 months	50000	Dr. Moon Moon Devi
6	Mr. ANKUR NATH	PHP17004	Physics	PH.D in Physics	Leptonic CP violation and matter antimatter asymmetry in neutrino oscillation experiments	6 months	50000	Dr. Ng. K. Francis
7	Mr. PANKAJ SARMA	PHP19103	Physics	PH.D in Physics	Dynamics of structure formation in protoplanetary disk	6 months	50000	Dr. Pralay kumar karmakar
8	Ms. ASHAMONI NEOG	PHP18115	Physics	PH.D in Physics	Two dimensional transition metal diachalcogenide based technology for heavy metal ion sensing and water treatment	6 months	50000	Dr. Rajib Biswas
9	Mr. VICKEY SARMA	PHP19117	Physics	PH.D in Physics	Probabilistic Seismic Hazard Assessment based on Maximum credible Earthquake of Kopili and its neighbouring North Eastern Indian region	6 months	50000	Dr. Rajib Biswas
10	Mr. PRANKRISHNA	PHP19116	Physics	PH.D in Physics	Investigation of the dynamics of intermittent plastic flow of metals and metallic glass in a small volume system	6 months	50000	Dr. Ritupan Sarmah
11	Ms. SITA CHETTRI	PHP19106	Physics	PH.D in Physics	Investigation of the dynamics of a driven magnetostriuctive ribbon to design as electronic circuit as frequency multiplier	6 months	50000	Dr. Ritupan Sarmah

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12	Mr.SUNNY NANDI	PHP18109	Physics	PH.D in Physics	Development of low-cost and high power rechargeable aluminium-graphite battery	6 months	50000	Dr. Shyamal K. Das
13	Mr. ATOWAR RAHMAN	PHP19107	Physics	PH.D in Physics	Large scale electrospinning synthesis of metal oxide nanostructures for energy storage	6 months	50000	Dr. Shyamal K. Das
14	Mr. RITUPURNA BAIHSYA	PHP20110	Physics	PH.D in Physics	Graphene quantum dots for dual ion batteries	6 months	50000	Dr. Shyamal K. Das
15	Ms. LAVINA SARMA	PHP18002	Physics	PH.D in Physics	Neutrino and dark matter phenomenologies in beyond standard model framework	6 months	50000	Prof. Mrinal k. Das
16	Mr. BICHITRA BIJAY BORUAH	PHP17110	Physics	PH.D in Physics	Lepton flavour violation and lepton number violation in flavour symmetric left right symmetric model	6 months	50000	Prof. Mrinal k. Das
17	Ms. SANGHAMITRA SAIKIA	PHP18111	Physics	PH.D in Physics	Development of microwave absorbers to withstand high temperature for aerospace application	6 months	50000	Prof. N.S. Bhattacharyya
18	Mr. HIRAKJYOTI SARMA	PHP19108	Physics	PH.D in Physics	Molecular Dynamics simulation of Yukawa clusters of charged dust grains immersed in a plasma environment	6 months	50000	Prof. Nilakshi Das
19	Mr. BISWAJIT DUTTA	PHP18103	Physics	PH.D in Physics	Theoretical and computational studies of the dynamics of dust particles in strongly coupled plasma	6 months	50000	Prof. Nilakshi Das
20	Ms. PRIYANKA DAS	PHP18104	Physics	PH.D in Physics	Design and development of smartphone-based optofluidic soil parameter detection system	6 months	50000	Prof. Pabitra Nath
21	Mr. SRITAM BISWAS	PHP18117	Physics	PH.D in Physics	Multiplex detection of pesticides using electrospinning SERS substrates	6 months	50000	Prof. Pabitra Nath
22	Mr. DIGANTA HATIBORUAH	PHP18114	Physics	PH.D in Physics	Design of a smartphone based colony counter	6 months	50000	Prof. Pabitra Nath
23	Mr. DIGANTA RABHA	PHP17112	Physics	PH.D in Physics	Realization of low-cost multi-Modal microscopic imaging system using smartphone for biomedical and point of care	6 months	50000	Prof. Pabitra Nath
24	Mr. DIPJYOTI SARMA	PHP19105	Physics	PH.D in Physics	Surface Enhanced Raman Spectroscopy as a low-cost and rapid method for the detection of atmospheric aerosols	6 months	50000	Prof. Pabitra Nath
25	Mr. BIPRAV CHETRY	PHP20111	Physics	PH.D in Physics	Smartphone based optical for analysis and monitoring of airborne volatile organic compounds and inorganic air pollutants	6 months	50000	Prof. Pabitra Nath

compounds and inorganic air pollutants

26	Ms. KASHMIRI BARUAH	PHP18112	Physics	PH.D in Physics	Development of nanosheet based direct alcohol fuel cell electrocatalyst	6 months	50000	Prof. Pritam Deb
27	Mr. SARANSHA MOHANTY	PHP19112	Physics	PH.D in Physics	Effective and accurate investigation of proximity effects in novel 2D ferromagnetic insulator conductor bilayer system for spin electronics application	6 months	50000	Prof. Pritam Deb
28	Ms. Monika Sharma	PHP19110	Physics	PH.D in Physics	Development of paper based flexible in-plane microsupercapacitor fabricated with hybrid two dimensional materials	6 months	50000	Prof. Pritam Deb

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Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
1	Mr. Rahul Sarma	ENE19004	Energy	M. Tech. in Energy Technology	Cowdung based Micro bial fuel cell cow urine as catholyte	6 months	50000	Dr. Biraj Kumar Kakati
2	Ms. Panchali Borthakur	ENP18102	Energy	Ph. D. in Energy	Experimental and theoretical studies on effect of various contaminants on the performance and durability of Polymer Electrolyte Fuel Cell (PEFC)	6 months	50000	Dr. Biraj Kumar Kakati
3	Ms. Saswati Sarmah	ENP19101	Energy	Ph. D. in Energy	Development of prototype battery hybrid supercapacitor using biomass derived carbon composite electrode	6 months	50000	Dr. Dhanapati Deka
4	Mr. Doljit Borah	ENP17102	Energy	Ph. D. in Energy	Instrumented Internally Illuminated Modular Photobioreactor (IIIMP) for mas scale cultivation of microalgae for biofuel production	6 months	50000	Dr. Dhanapati Deka
5	Ms. Pranita Devi	ENE19011	Energy	M.Tech	Solar energy driven/assisted pyrolysis	6 months	50000	Dr. Rupam Kataki
6	Mr. Anuron Deka	ENP20101	Energy	Ph. D. in Energy	Production or urea from human urine by deactivating the action of urease and performing a comparative energy study.	6 months	50000	Dr. Rupam Kataki
7	Ms. Mondita Athparia	ENP20102	Energy	Ph. D. in Energy	Bio-inoculant enriched Wood Vinegar & Biochar as Biopesticide & Plant Growth enhancer via Pyrolysis of Municipal Solid Waste (MSW)	6 months	50000	Dr. Rupam Kataki
8	Neelam Bora	ENP19102	Energy	Ph. D. in Energy	Synthesis of Engineered Biochar and its Application for Industrial Purposes	6 months	50000	Dr. Rupam Kataki
9	Ms. Phibarisha Sohtun	ENP201105	Energy	Ph. D. in Energy	Development of Carbon composite electrode materials for enhancing the capacity performance storage device.	6 months	50000	Dr. Rupam Kataki
10	Ms. Adity Bora	ENP18105	Energy	Ph. D. in Energy	Study on Ptroleum coke and biomass co-gasification in open top downldraft gasifier	6 months	50000	Dr. Sadhan Mahapatra
11	Ms. Lupamudra Baruah	ENP20107	Energy	Ph. D. in Energy	Design and Development of Solar Photovoltaic Assisted Electrolyzer for Clean Energy Generation	6 months	50000	Dr. Vikas Verma
12	Mr. Tarunodoy Dutta	ENE19026	Energy	M. Tech. in Energy Technology	"Krishok Punit Vaayu Sahayak- Development of a mobile app-based multi-purpose diagnostic tool to protech farmers from harmful emissions in their working environment"	6 months	50000	Prof. D. C. Baruah
13	Ms. Trinakshee Sarmah	ENP18101	Energy	Ph. D. in Energy	An innovative framework for management of household biogas plants in rural areas of Assam	6 months	50000	Prof. D. C. Baruah
14	Mr. Barkhang Brahma	ENP16003	Energy	Ph. D. in Energy	Design and development of a PCM (phase change material) integrated solar hot air generator (PCMISHAG) for drying application in agriculture and biogas enhancement.	6 months	50000	Prof. D. C. Baruah
15	Mr. Bharat Terang	ENP18106	Energy	Ph. D. in Energy	Geospatial technology intervention for web app based solar energy planner	6 months	50000	Prof. D. C. Baruah

Sl.NO	Name of Applicant	Roll. No	Department	Programme	Project title	Duration (months)	Proposal Amount	Name of the Mentor
1	Mr. MUZAMIL AHMAD RATHER	MBP17113	MBBT	PH.D in MBBT	Evaluation of antibiofilm activity of ethnomedicinal plants of North East India against Candida albicans and the effect on expression of biofilm associated genes	6 months	50000	Prof. Manabendra Mandal
2	Mr. DEBANJAN SAHA	MBP19111	MBBT	PH.D in MBBT	Screening of molucles against Leishmania donovani proteins to cure viscreral leishmaniasis(kala-azar)	6 months	50000	Dr. Anupam Nath Jha
3	Ms. SHARMILEE SARKAR	MBP20101	MBBT	PH.D in MBBT	Role of DNA structural features in genome condensaton of Mycobacterium tuberculosis under different stress conditions.	6 months	50000	Dr. Aditya Kumar
4	Ms. ANUPAMA SARKAR	MBP18115	MBBT	PH.D in MBBT	Comparative study of bioactive compounds an microbial community of soybean-based fermented foods of North East India	6 months	50000	Prof. Manabendra Mandal
5	Mr. Sharma Manoj Suresh	MBP17106	MBBT	PH.D in MBBT	Study effect of high dietry salts in cancer	6 months	50000	Dr. Rupak Mukhopadhyay
6	Ms. PUSHPA SHARMA	MBP19110	MBBT	PH.D in MBBT	An unexpected role of ribosomal protein L22 in breast cancer progression	6 months	50000	Dr. Rupak Mukhopadhyay
7	Ms. SHREAYA DAS	MBP17003	MBBT	PH.D in MBBT	Assesment on bacterial isolates from vaginal ecosystem and indentification of potential isolates for better reproductive health	6 months	50000	Prof. B.K. konwar
8	Ms. ANUTEE DOLLEY	MBP19118	MBBT	PH.D in MBBT	Development of a user-friendly point-of-care (POCT) test ususing chimeric 56kDa Type specific antigen of Orientia tsutsugamushi for rapid diagnosis of scrub typhus	6 months	50000	Dr. Nima D Namsa
9	Ms. YENGKHAM DAMAYANTI DEVI	MBP17001	MBBT	PH.D in MBBT	Development of an indigenous rapid antigen test (RAT) for the simultaneous qualitative detection of group A,B and C Rotaviruses in clinical samples	6 months	50000	Dr. Nima D Namsa
10	Mr. KHALIFA SAID MOHAMMED HASSEN	MPB11816	MBBT	PH.D in MBBT	Biodiesel production from microalgae oil and waste cooking oil via green synthesized catalysts	6 months	50000	Prof. Manabendra Mandal & Prof. Dhanapati deka



11	Ms. MUNMI BORAH	MBP17002	MBBT	PH.D in MBBT	Screening of secretory metabolites produced by different probiotic (<i>Lactobacillus sp.</i>) isolated from dairy products and fermented foods for preservation and control of colon cancer	6 months	50000	Prof. Manabendra mandal
12	Ms. SAYNAZ AKHTER CHOWDHARY	MBP16004	MBBT	PH.D in MBBT	To explore the potent adenosine receptor A2A and A2B against(s) from the plants of North-East region of India and its efficacy on the improvement of insulin sensitivity	6 months	50000	Dr. Suman Dasgupta
13	Ms. ARCHANA SINHA	MBP18107	MBBT	PH.D in MBBT	To investigate the role of inflammatory signaling in lipid induced adipocyte dysfunction and insulin resistance	6 months	50000	Dr. Suman Dasgupta
14	Mr. DIPANJAN BANARJEE	MBP16003	MBBT	PH.D in MBBT	Identification of macrophage foam cells secreting mediator(s) and its role on adipocyte dysfunction and insulin resistance	6 months	50000	Dr. Suman Dasgupta
15	Ms. SAYANI MAZUMDER	MBP16105	MBBT	PH.D in MBBT	Exploring the role of alpha-2-HS-Glycoprotein in the survival and virulence of <i>Leishmania Donovanii</i>	6 months	50000	Dr. Suman Dasgupta
16	Ms. SUSHMITA SINGHA	MBP19113	MBBT	PH.D in MBBT	Development of assays for detection of Dengue virus and serological response to Dengue virus infection	6 months	50000	Prof. Sashi Baruah
17	Ms. MAYURI BORA	MBP16104	MBBT	PH.D in MBBT	HLA G as predictive biomarker of early pregnancy loss	6 months	50000	Prof. Sashi Baruah
18	Ms. ADITY PAUL	MBP20103	MBBT	PH.D in MBBT	A Study to Develop a novel protocol for the generation of DNA ladder employing polymerase chain reaction technique	6 months	50000	Dr. Surya Prakash Goud Ponnam
19	Mr. PRONAB MUDOI	MBP18101	MBBT	PH.D in MBBT	Biochemical factor of <i>Merremia umbellata</i> (Harjora Lota) in fractured bone healing	6 months	50000	Prof. B.K. konwar
20	Ms. PANCHI RANI NEOG	MBP18103	MBBT	PH.D in MBBT	Therapeutic utility of <i>Monopterus cuchia</i> (Asiatic freshwater mud eel) and molecular assessment of enzymes from resident gut microflora	6 months	50000	Prof. B.K. konwar
21	Mr. HIRAKJYOTI KAKATI	MBP19109	MBBT	PH.D in MBBT	Standardization of techniques for proteomics analysis and exploration of candidate drug molecules from snake venom	6 months	50000	Prof. A.K. Mukherjee

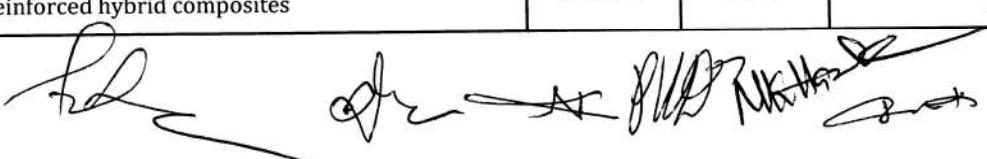
Manabendra
Suman
Sashi
Surya
B.K.
A.K.

22	Ms. BHABANA DAS	MBP18105	MBBT	PH.D in MBBT	Quality assesment of commercial anti scorpion antivenom against Indian red scorpion (<i>Mesobuthus tamulus</i>)venom by in vitro laboratory analysis	6 months	50000	Prof. A.K. Mukherjee
23	Ms. BHASWATEE DAS	MBP18110	MBBT	PH.D in MBBT	System Biology of G-quadruplex immune genes in cancer	6 months	50000	Prof. Sashi Baruah
24	Ms. NITISHA BORO	MBP18106	MBBT	PH.D in MBBT	Study on recombinant bacterial protease from fermented food products of North-East India	6 months	50000	Prof. A.K. Mukherjee
25	Ms. NABANITA ROY	MBP19003	MBBT	PH.D in MBBT	Transcriptomics and machine learning based approach to identity clinically relevant novel noncoding biomarkers in gallbladder carcinoma	6 months	50000	Dr. Pankaj Barah
26	Ms. NAMRATA BORAH	MBI19010	MBBT	M.SC(integrated)	computational investigation on the active site pocket of the SARS-CoV-2 Mpro Structure to design the potential inhibitors	6 months	50000	Dr. Venkata Satish Kumar Mattaparthi
27	Ms. CHAINEE DAS	BBI16017	MBBT	M.SC (integrated)	To Study the effect of the new strain of the novel coronavirus, dubbed B.1.1.7 on spike protein interaction with ACE2 receptor	6 months	50000	Dr. Venkata Satish Kumar Mattaparthi
28	Ms. DOROTHY DAS	MBP20001	MBBT	PH.D in MBBT	A repurposing approcah of therapeutic drugs for covid 19 treatment: An insilico study.	6 months	50000	Dr. Venkata Satish Kumar Mattaparthi
29	Mr. SHUVAM BHUYAN	MBP19120	MBBT	PH.D in MBBT	Characterization of ooze from Ralstonia Solanacearum infected important vegetable crops usuing biological, biochemical and biophysical approaches	6 months	50000	Prof. Manabendra Mandal

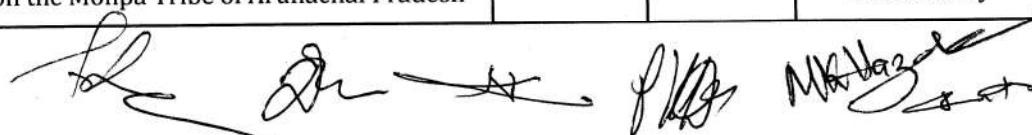
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Sl.N O	Name of Applicant	Roll. No	Department	Programme	Project title	Duration (months)	Proposal Amount	Name of the Mentor
1	Mr. THINGUJAM MANITHOI SINGH	ESP18101	Environmental Sciences	PH.D in EVS	Estimation of seasonal carbon sequestration potential in the sediment of Loktak Lake- A Ramsar Site in North- East India	6 months	50000	Dr. Ashalata Devi
2	Mrs. OLI TALUKDAR	ESP19102	Environmental Sciences	PH.D in EVS	Evaluation of Alternate Wet and Dry Irrigation over conventional method in rice field in terms of yield and grain quality	6 months	50000	Dr. Nayanmoni Gogoi
3	Mr. BISHAL PAUL	ESP19107	Environmental Sciences	PH.D in EVS	Development of sustainable ecological tool for in-situ bioremediation of eutrophic water bodies through biomanipulation in Naapam village	6 months	50000	Dr. Nayanmoni Gogoi
4	Ms. KARISHMA DAS PURKAYASHTHA	ESP20001	Environmental Sciences	PH.D in EVS	Development of Application of Nano-biosorbent for Removal of pollutants from wastewater	6 months	50000	Dr. Nayanmoni Gogoi
5	Ms. PALAKHSI BORAH	ESP19105	Environmental Sciences	PH.D in EVS	Carbon sequestration in a semi evergreen forest: Role of soil mineralogy and microbial ecology	6 months	50000	Dr. Nirmali Gogoi
6	Ms. SARMISTHA PAUL	ESP16103	Environmental Sciences	PH.D in EVS	Insight on mechanism of heavy metal detoxification in Earthworm with nominal effect on its general health, growth and fecundity	6 months	50000	Dr. S.S. Bhattacharya
7	Ms. JINNASHRI DEVI	ESP17103	Environmental Sciences	PH.D in EVS	Earthworm microbe seeded innovative mechanized vermireactor for rapid conversion of biowaste to worthy organic manure via	6 months	50000	Dr. S.S. Bhattacharya
8	Mr. RATUL PEGU	ESP20003	Environmental Sciences	PH.D in EVS	Rapid transformation of agriculture field stubble and municipal solid waste to worthy organic manure: Exploring sustainable formulation of enzymes and microbial consortium	6 months	50000	Dr. S.S. Bhattacharya
9	Mr. PRANTIK RANJAN ROY	ESP19109	Environmental Sciences	PH.D in EVS	Biomonitoring: A study in lentic ecosystem of Tezpur, Assam with special reference to aquatic insect community	6 months	50000	Dr. Santa Kalita
10	Ms. PIU SAHA	ESP19010	Environmental Sciences	PH.D in EVS	Application of Polyaniline Composites on the removal of Heavy metals and organic from municipal landfill leachate	6 months	50000	Dr. Sumi Handique

SI No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
1	Ms. Ribha Arabella Shabong	CEP18102	Civil Engineering	Ph. D. in CE	Quantification of the contribution of roots to the shear strength of soil	6 months	50000	Dr. Sailen Deka
2	Mr. Bhubneswar Das	CSP19005	Compuer Science & Engineering	Ph. D. in CSE	Development of Machine Translation system for MWE (Multi Word Expression) for Indian Languages-Assamese Bengali, and Bishnupriya Manipuri	6 months	50000	Prof. S. K. Sinha
3	Mr. Tapas Saha	CSP19105	Compuer Science & Engineering	Ph. D. in CSE	Development of a QoS based health monitoring scheme for critical patient in 5G massive IoT	6 months	50000	Dr. Sanjib K. Deka
4	Ms. Priyanjana Chowdhury	CSP19101	Compuer Science & Engineering	Ph. D. in CSE	Developing a prosodically annotated database for Assamese and Bengali Language	6 months	50000	Dr. Sanghamitra Nath
5	Mr. Nishant Bora Mr. Ankush Kumar Mr. Anupam Chetia Mr. A K. Mishra, Mr. Saurabh K Singh Mr. Nitish Kumar	CSB18032 CSB18047 CSB18001 CSB18046 CSB18055 CSB18040	Compuer Science & Engineering	B. Tech. in CSE	Action Classifier: Human Action Recognition in Videos using Deep Convolutional Neural Networks	6 months	50000	Dr. Arindam Karmakar
6	Mr. Ankit Mitra	EEP20103	Electrical Engineering	Ph. D. in EE	A Low-Cost Non-destructive Sensor for Curd Quality Monitoring	6 months	50000	Dr, Md. Rahat Mahboob
7	Mr. Muzammil Ahmed	EEB17040	Electrical Engineering	B. Tech. in EE	Analysis and Design of Novel three-Phase Modified Impedance Source Inverters for Renewable Energy Resources	6 months	50000	Dr. Anish Ahmad
8	Mr. Pawan Kumar	EEB17033	Electrical Engineering	B. Tech. in EE	Design and Fabrication of Electric Scooter	6 months	50000	Dr. Anish Ahmad
9	Mr. Suman Das	EEB20101	Electrical Engineering	B. Tech. in EE	Design of contactless figerprint biometric using chaotic memristors	6 months	50000	Dr. Manashita Borah
10	Mr. Souhardya Das Mr. Abhishek Kumar Mr. Bishal Ghosh	EEB17034 EEB17035 EEB17039	Electrical Engineering	B. Tech. in EE	Design and Digital multisport scoreboard through wireless remote for Tezpur University	6 months	50000	Dr. Manashita Borah
11	Mr. Raktim Jyoti Barpatra Gohain	MEP20105	Mechanical Engineering	Ph. D. in ME	Design, Development and Performance Testing of an Improved Solar Dryer with a Biomass Backup Furnace for Rural Applications	6 months	50000	Prof. Partha P. Dutta
12	Mr. Sanjib Gogoi	MEP17001	Mechanical Engineering	Ph. D. in ME	Design and Fabrication of Multifunctional Creep testing Set-up	6 months	50000	Dr. Sanjib Banerjee
13	Ms. Shahana Parbin	MEP20107	Mechanical Engineering	Ph. D. in Mechanical Engineering	Design, chracterization and failure analysis of natural fiber reinforced hybrid composites	6 months	50000	Dr. Sushen Kirtania



Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
14	Mr. Karanjit Kapila	MEP19102	Mechanical Engineering	Ph. D. in Mechanical Engineering	Design, fabrication and analysis of Graphene based hybrid nanocomposites	6 months	50000	Dr. Sushen Kirtania
15	Mr. Chinmoy Agni Borah	MEM19011	Mechanical Engineering	M. Tech. in Mechanical Engineering	Design, fabrication and analysis of carbon fiber based hybrid nanocomposites	6 months	50000	Dr. Sushen Kirtania
16	Mr. Ratnadeep Dutta Mr. Shuvam Chetry, Mr. Madhujya Dutta	MEB17073, MEB17036, MEB17068	Mechanical Engineering	M. Tech. in Mechanical Engineering	Design modification and automation of the spiral mixer of a bakery unit	6 months	50000	Prof. Tapan Kumar Gogoi
17	Ms. Priyanka Das	HIP18102	Hindi	Ph.D in Hindi	Asom ki chai janagosthi ke lok sahitya ka samajik sanskritik adhyayan (lok gito aur kalao ke bishes sandary mein)	6	50000	Dr. Anushabda
18	Ms. Aleya Zesmina Mr. Bibhuti Bikram Nath	HIP19102 HIP20101	Hindi	Ph.D in Hindi	A Series of Translations of Jyoti Prasad Agarwala's invaluable Assames plays to Hindi language	6	50000	Dr. Anju Lata
19	Ms. Lihita Raulo	MCP18103	Mass Comm and Journalism	Ph.D in MCJ	Assessing Media Information Literacy among the Social Media Users to combat 'Fake News': A case study of Ganjam District, Odisha	6	50000	Dr. Uttam Kumar Pegu
20	Mr. Subhajit Paul	MCP17102	Mass Comm and Journalism	Ph.D in MCJ	Religious Assertion and Media Polarization in Assam: A Case study of the English Print Media in Assam	6	50000	Dr. Uttam Kumar Pegu
21	Ms. Richa Chattapadhyay	MCP17101	Mass Comm and Journalism	Ph.D in MCJ	Immateriality in Material Culture: An Ethnographic Study on the Monpa Tribe of Arunachal Pradesh	6	50000	Prof. Joya Chakraborty



Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
1	Mr. Manish Bhowmick	ELB17028	Electronics & Communication Engineering	B. Tech. in ECE	Controlled environment monitoring system for small scale vertical farming	6 months	50000	Dr. Biplob Mondal
2	Ms. Pearlesshwari Rani Boro	ECO19011	Electronics & Communication Engineering	M. Tech. in Bioelectronics	Fabrication of patterned Surface Plasmon Resonance (SPR) biochip to study complex protein sample	6 months	50000	Dr. Biplob Mondal
3	Ms. Priyakshi Kalita	ECP20102	Electronics & Communication Engineering	Ph. D. in ECE	Hybrid 2D nanomaterials based gas sensor for detection of combustible gas	6 months	50000	Dr. Biplob Mondal
4	Ms. Arpita Roy	ECP19109	Electronics & Communication Engineering	Ph. D. in ECE	To study metal and transition metal chalcogenide (TMDC) junction for reduces contact resistance and low Schottky barrier suitable for field effect transistor (FET) based sensor	6 months	50000	Dr. Biplob Mondal
5	Mr. LakhyaJit Gohain	ECO19001	Electronics & Communication Engineering	M. Tech. in Bioelectronics	EMG Based Multi-Grasp Prosthetic Hand with Android Interface	6 months	50000	Dr. Nayan Moni Kakoty
6	Ms. Tanaya Das	ECO19002	Electronics & Communication Engineering	M. Tech. in Bioelectronics	Design of A Prosthetic Hand control Architecture Exploring the Hierarchical Relationship of EEG, EMG and finger Kinematics	6 months	50000	Dr. Nayan Moni Kakoty
7	Mr. Amlan Jyoti Kalita	ECP20111	Electronics & Communication Engineering	Ph. D. in ECE	EEG-EMG based Hierarchical Control of Prosthetic Hands	6 months	50000	Dr. Nayan Moni Kakoty
8	Mr. Suhrriday Barman	ECP19105	Electronics & Communication Engineering	Ph. D. in ECE	Flexible capacitive humidity sensor with rGO/TiO ₂ thin film as sensing material for IoT based intelligent agriculture plateform	6 months	50000	Dr. Ratul Kr. Baruah
9	Mr. Albert Daimari	ECP20110	Electronics & Communication Engineering	Ph. D. in ECE	Chaotic communication hardware implementation based on dynamics of 'driven magneto martesitic ribbon' for secure communication	6 months	50000	Dr. Ratul Kr. Baruah
10	Ms. Ananya Bhattacharjee	ECP20113	Electronics & Communication Engineering	Ph. D. in ECE	Investigation of Graphene Film based transistor fabricated on plastic substrates	6 months	50000	Dr. Ratul Kr. Baruah
11	Mr. Monjit Chetry	ECB18020	Electronics & Communication Engineering	B. Tech. in ECE	Design and Prototyping of a Cost Effective Carbon Based Heat/ Humidity/ Chemical Sensing System	6 months	50000	Dr. Rupam Goswami
12	Mr. Debarun Chakraborty	ECP20105	Electronics & Communication Engineering	Ph. D. in ECE	Unmanned Aerial Vehicle (UAV)-based flood rescue and search system	6 months	50000	Prof. Bhabesh Deka
13	Ms. Trishna Barman	ELP17101	Electronics & Communication Engineering	Ph. D. in ECE	Development od Deep Learning-based image Super-resolution Technique for Multispectral Remote Sensing Applications	6 months	50000	Prof. Bhabesh Deka

Sl No	Name	Roll No	Department	Programme	Title of Project	Duration of the project	Proposal amount	Name of the Mentor
14	Ms. Kabita Devi	ECP20112	Electronics & Communication Engineering	Ph. D. in ECE	Wireless Bio Signal Based Healthcare Monitoring System	6 months	50000	Prof. Bhabesh Deka
15	Ms. Kabyashree Hazarika	ECP20109	Electronics & Communication Engineering	Ph. D. in ECE	Fabrication and characterization of a high-k dielectric Enzyme Field Transistor (ENFET) with CNT both on the sensing and transporting layer for Creatinine detection	6 months	50000	Prof. Jiten Chandra Dutta
16	Mr. Jagat das	ELP17102	Electronics & Communication Engineering	Ph. D. in ECE	Low cost Hydrogen fuel generation and Oxygen liberation to the environment through solar guided water splitting	6 months	50000	Prof. P. P. Sahu
17	Mr. Nithin Joseph Panicker	ELP17102	Electronics & Communication Engineering	Ph. D. in ECE	Flexible graphene/ polymer hybrid all-solid-state supercapacitor for safe wearable electronics	6 months	50000	Prof. P. P. Sahu
18	Mr. Palash Phukan	ELP15002	Electronics & Communication Engineering	Ph. D. in ECE	Fabrication and characterization of UV-B Flexible ultraviolet photodetectors	6 months	50000	Prof. P. P. Sahu
19	Mr. Biswadeep Roy	ECP20107	Electronics & Communication Engineering	Ph. D. in ECE	Development of a point of care flexible sensor for the detection of Cysteine concentration in human blood	6 months	50000	Prof. P. P. Sahu
20	Mr. Satyajit Das	ECP19107	Electronics & Communication Engineering	Ph. D. in ECE	Design and Development of Interdigital Electrode (IDE) based sensor for detection of limonin and Naringin responsible for bitterness in citrus fruits	6 months	50000	Prof. P. P. Sahu
21	Mr. Rewrewa Narzary	ELP16003	Electronics & Communication Engineering	Ph. D. in ECE	Synthesis, characterization and fabrication of rGO-ZnO heterojunction Solar Cell	6 months	50000	Prof. P. P. Sahu
22	Mr. Suhas D	ELP16001	Electronics & Communication Engineering	Ph. D. in ECE	Design of Electrically Small Multiband Metamaterial MIMO Printed Antennas in the Sub-6GHz Range for Wireless Applications	6 months	50000	Prof. Satyajib Bhattacharyya
23	Mr. Biswajit Das	ECP19002	Electronics & Communication Engineering	Ph. D. in ECE	Design and Implementation of Low Cost Hybrid Hydroponics System	6 months	50000	Prof. Soumik Roy
24	Mr. Satyabrat Malla Bujar Baruah	ELP16104	Electronics & Communication Engineering	Ph. D. in ECE	ASIC FPGA based Drowsiness Detection System for Vehicles	6 months	50000	Prof. Soumik Roy

The image shows six handwritten signatures in black ink, likely belonging to the mentors listed in the table above. The signatures are somewhat stylized and overlapping, making individual names difficult to decipher precisely. They appear to be placed at the bottom right of the table.