



# UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Accredited 'A' Grade by NAAC

nirf India Ranking-2022 (151-200)

Unveiling Excellence

INNOVATION PROJECTS UNDER DST, GOVT. OF INDIA 2022-2023			
SLNO	PROJECTNAME	MENTOR NAME & DEPARTMENT	STUDENTS
1	Development and commercialization of "fruit bar" from fruits, available in North East India	Dr.SaiyyadAlamdar Husain, Applied Biology	1.MiniswrangBasumatary 2. Hachilo L Ezung 3. S Dhole Key 4. NaoremLanglenthoi Devi 5. Pragen Joy Reang
2	Valorization Of Betalnut Husk Available in Meghalaya, India	Dr JayabrataSaha, Applied Biology	1.Arпита Talukdar 2.KhanomTolsimaYesmi 3.Leza Kalita 4.Teli Mili 5.Chubatula A Tzuir
3	Designing Of A Water Resistant Sustained Release Monoherbal Formulation For Anti-Aging Benefits	Ms. Bhanita Das Kamallochan Barman, School Of Pharmaceutical Sciences	1.Angkita Talukdar 2.Riya Salam 3.Ashmita Goswami 4.Tribeni Borgohain 5.Sapina Begom
4	Green conversion of low value wastes into highly sought after rhamnolipid biosurfactant.	Dr Kaustuvmani Patowary, Applied Biology	1.Mrinmoy KaushikDutta 2.Pulak Nath 3.Prateeti Talukdar 4.Anwasha Talukdar 5.Saurav Kumar Das
5.	Development of Ethno-medicinal Plant Based Insect Repellent Spray for Livestock	Dr.Madhusmita Borthakur, Applied Biology	1.Manisha Kalita 2.Shyamali K Marak 3.JaiklongNarzary 4.GeemoniMisra 5.Dhritiman Borah
6.	Converting Organic Waste Into High Value Products	Dr.Mautushi Das, Botany	Aollen Kusanagi 2.Jackeychan Sangma 3.Mampee Daolagupu 4.Sabin Ronghangpi 5.Samen Tokbi 6.Anubhav Thousen
7.	Solar Powered Incinerator For Solid Waste Disposal	Dr Priyanka Shankarishan, Applied Biology	1.Mr. Rahul Lakra 2.Mr. PranjalGogoi 3.Miss Shifa Siddique 4.Mr. Bhargab Kumar Thakuria 5.Mr. Himanshu Gogoi
8.	IoT (Internet of Things) Based Monitoring of Fermentation process	Palash Mukul Das, Department of Electrical and Electronics Engineering	1.SaeedTaj 2.Subhrajyoti Dhar 3.Bitupan Gayan

Techno City, Kling Road, Baridua, 9<sup>th</sup> Mile, Ri-Bhoi, Meghalaya-793101

Ph: 9508 444 000, 0361-2895030, 098540-23060, E-mail: ustm2011@gmail.com, Website: www.ustm.ac.in

	parameters in Tea Industry		4.Dhamagya Gayan 5.Huge Basar
9.	Preparation and standardization of immunostimulant (formulation) from bamboo leaves available in NORTH-EASTERN region of INDIA	Dr PallabKalita Mr. Aditya Bora Department of Phramaceutical Sciences.	Md Bazlur Rahman 2.Meezan Haque Choudhury 3.Md Ehsanul Alam 4.Abul Barkat Md Tufail Ahmed 5.Himangshu Jyoti Sharma
10.	Mapping of Bharalu-Bahini river threshold points in Guwahati City and Design of a prototype of solid waste management mechanism in the City drainage system	Dr. Palme Borthakur Dr. Swarup Jyoti Baishya, Department of Earth Science	1. Sylban Sangma 2.Mina LamnunhoiDoungel 3.Ankita Sangma 4.Karan Jamatia 5.Banjellystan Lyngkhoi
11.	Integrated Farming system Techniques for Sustainable Agriculture	Dr.Papiya Dutta Saikat Majumdar Gayatri Saikia, Department of Rural Development	1.TechiYajo Tara 2.Binaisha Basumatary 3.Alma Mary Jyrwa 4.Jhumna Dellang
12.	Development of Automatic Pineapple Peeler and Cutter for Small Scale Entrepreneurs	Pinky Deka, Department of Applied Biology	1.Shahin Arshad Ayub 2.Denzil Kashyap 3.Pranamika Deka 4.Niharika Das 5.Sweety Das 6.Mousham Talukdar 7.Hironya Kumar Gogoi
13.	Anti-aging food supplementwith fat burning properties	Dr.Bedabati Chowdhury, Department of Botany	1.ToshifaBeguLaskar 2.Lopa Mudra Baruah 3.Nishanta Das 4.Himashree Bhattacharyya 5.Mehbub Hassan
14.	IOT based cattle silent heatdetectionsystem	Rishiparna Choudhury, CSE Priyanka Sarma, CSE Dr. Monalisa Bora, Applied Biology	1.Debashish Nath 2.BaibhavPatar 3.Tridip Mazumdar 4.Bishal Bhardwaj 5.Salim Arif
15.	Dr.Sudarshana Borah Dr.PallabKalita,School of Pharmaceutical Science	Dietoceutical for the Famine Neighbourhood	1.LobsangTashi 2.Tarik Aziz 3.RupjyotiKalita 4.Elaf Hussain Uthman 5.Arif Mehedi Hussain 6.Rahul Gogoi

16.	Combined Effects of Antibiotics and Nutrients in Dog Biscuits for Treating Bacterial Infections	Dr. Tamanna Bhuyan, Dr. Mohammad Zaki Shamim, Department of Applied Biology	1.Uddipta Guha 2.Eshaa Basumatary 3.Dharitri Baro 4.JishuDas 5.Sima Basumatary
17.	Pesticide Detector (Sensor design for pesticides)	Dr. Sony Kumari, Department of Applied Biology	1.Satabdi Das 2.Elizabeth Halam 3.Arпита Das 4.PriyanunjPratim Dutta 5.Sanathoibi Sharma
18.	Preparation And Standardization Of Chicken Flavoured Deworming Cookies For Dogs	Gaurav Kumar Bhargav Dr.PallabKalita, Department of Pharmaceutical Science	1.Ayusmaan Limbu 2.Minakshi Saikia 3.Dharabjit Dutta 4.Naima Nuri 5.Mafida Begum 6.Bhaiswati Das 7.Sumu Boruah 8.Ebnabin Jesmin Ahmed 9.Raktim Bania
19.	Low Cost Tilt Table for Patients	Pooja Choudhuri, Department of Physiotherapy	1. YannaW.Sangma 2. Mridustima Das 3. AkibuzJaman 4. NafisaMohsina 5. JyotirmoySarma
20.	Smart IV Infusion Monitoring System	Sangeeta Borkakoty Daisy Kalita, Department of Computer Science & Electronics	1. ChayandeeepGhatowar 2. Imnanungkum Jamir 3. AmatyaSahu 4. Mostafa Kamal Hussain 5. Patrick Khamujai

  
 Registrar  
 University of Science & Technology,  
 Meghalaya