

UNIVERSITY OF SCIENCE AND TECHNOLOGY, MEGHALAYA
LIST OF GOVERNMENT PROJECTS

S/NO	PROJECT DESCRIPTION	Name of the funding Agency	Name of MENTOR
1	Low-Cost Filtrations system for coal mine imputed waste using algae	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Mautushi Das
2	Aroma Biosensor for Detection and Protection from Spoilage of Marketable Raw Materials.	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Anup Kr. Bordoloi Mr. Debashish Bora
3	Development of an Anti-Diabetic Herbal Chocolate	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Akan Das Mr. Satyakam Agarwala.
4	Technology Development for the Production of Value added Spices from Laboratory scale to Industrial scale.	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Deboja Sharma Ninja Begum
5	Removal of Pollutants from contaminants water by Nanoporous materials and other Adsorbents	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Durlov Saikia
6	Development of Water purifying Filter Based on Cellulose and its Derivatives	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Ranjan Dutta Kalita
7	Production of Energy Drink Fortified with Omega 3Fatty Acids	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Ms. Ranjana Deka Mr. Asish Choudhury
8	Development of noble herbal antifungal formulation from selected medicinal plants of North East India.	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Bedabati Chowdhury
9	Self-Check in and Check out by the Library users applying QR code: Replacement of bar code and kiosk system	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Rajesh Chutia
10	Study assist and material	New Innovation and Entrepreneurship	Ms. Sangeeta

	delivery system	Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Borkakoty
11	Development of value added product from the indigenous rice varieties available in North East India	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Pallavi Gogoi(PI) Chayanika Saha(CoPI)
12	Development and standardization of “ Energy Drink” form locally available pineapple varieties	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Saiyad Alamdar Husain Ms Pinky Deka
13	Development of leaf manure for organic cultivation	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Milu Rani Das
14	Algal bio fertilizer can accelerate sustainable agriculture: A remedy for Eutrophication	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Moutushi Das
15	Herbal tea by agro waste infusion (way to healthy life)	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Sony kumari
16	Development of bio degradable and bio resorbable plastic from organic waste	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Deboja Sharma.
17	Development of bio spectrum antimicrobial gel incorporated with biosynthesized silver nanoparticle	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Seram Anil Singh
18	Development of pre biotic-pro biotic health supplements from essential fruits and vegetables and herbs of North East	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Mr.Satyakam Agarwala.
19	Preparation of Pasta(extruded)with leaf protection extract from AMARANTHIES VIRIDIS	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr Jayabrata Saha

20	DST Young Scientist Project ,titled "Ornamental Fish diversity of the Super family Cobitoidea (Teleostei: Cypriniformes)in northeast india and their sutainability	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Dr. Yumnam Lokeshwor Singh
21	Inventory and documentation of Insect fauna of Assam from existing entomological resources/information	Assam State Bio-diversity Board	Dr. Mousumi Das
22	Synthesis of Reuseable Metal-Free photo catalysts for Visible Light Aided Generation Of Benzene Intermediate:A Key Route of C-C and C-hetero-atom Bond Formation	SERB,A statutory body of the Department of Science and technology,Govt.of India,New Delhi	Dr. Sarifuddin Gazi
23	Smart Blind stick for visually impaired person	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Paramita saikia
24	Design of Rotary Van	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Afsi Shivam
25	Development of CTC Machine	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Md. JAHIDUL ISLAM
26	Low-Cost Accident Detection System	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Md. Jainul Abudin
27	Pedal Powered Washing Irrigation System	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Mr. Motiur Rahman
28	Solar Powered Irrigation System	New Innovation and Entrepreneurship Development Centre (NEWGEN-IEDC) by EDII, Ahmedabad (NSTEDB), DST, Govt. of India.	Mrs. Tabassum Rasul