

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

S.No.	Campus & Department	Project Title	SIP ID	Students Name	Mentor Name	Recommended Budget
1	CEG Campus - Department Of Civil Engineering	COMPOSITE WOOD LIME PANEL USING INVASIVE SPECIES	2324S0212	Mr. K. Vetriselvan Ms. V. Reena Mr. M. Ragul Rudresh	Dr. S M. Renuka, Civil	25,000.00
2	NAGERCOIL Campus - Department Of Civil Engineering	AN IOT-BASED REAL-TIME SMART GROUNDWATER QUALITY MONITORING SYSTEM WITH A FOCUS ON ASSESSING THE IMPACTS OF SEAWATER INTRUSION	2324S0161	Ms. W S. Tiffanysen Ms. M. Sanjika Ms. S L. Adlin Bebisha	Dr. S. Sahaya Vasanthi CIVIL, NAGERCOIL Dr. J. Vijila IT, NAGERCOIL	25,000.00
3	NAGERCOIL Campus - Department Of Electrical And Electronics Engineering	CHILD RESCUE SYSTEM FROM OPEN BOREWELL	2324S0048	Ms. S P. Suma Ms. R. Ruthra Ms. D M. Sirisma	Dr. C.. Mythili DEEE, NAGERCOIL	25,000.00
4	COIMBATORE Campus - Department Of Electrical And Electronics Engineering	SMART AUTOMATED AQUAPONICS MONITORING SYSTEM	2324S0064	Mr. C. Kavin Mr. N K. Inniyavan Mr. K. Subitsha	Dr. M. Yuvaraju DEEE, COIMBATORE	15,000.00
5	TIRUCHIRAPPALLI Campus - Department Of Electrical And Electronics Engineering	VOICE-BASED SMART WHEELCHAIR FOR PHYSICALLY CHALLENGED PEOPLE	2324S0192	Mr. S. Indrajith Mr. S. Santhoshkumar Mr. P. Udhaya Kumar	Dr. R. Gandhi Raj DEEE, TIRUCHIRAPPALLI	20,000.00
6	MIT Campus - Department Of Instrumentation Engineering	SMART PARK VISION	2324S0009	Mr. C. Sanjay Mr. J. Vigneshwaran Mr. M. Mohammed Imthiyas	Dr. D. Vasanthi INSTRUMENTATION, MIT	25,000.00
7	MIT Campus - Department Of Instrumentation Engineering	AUDIO ASSISTED FARMER-FRIENDLY SOIL TESTER FOR CROP RECOMMENDATION IN TAMIL LANGUAGE	2324S0043	Mr. D. Dhanush Mr. K M. Santhosh Mr. S. Jagadeeswaran	Dr. M. Mythily INSTRUMENTATION, MIT	25,000.00


DIRECTOR, CSRC

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

8	MIT Campus - Department Of Instrumentation Engineering	AI BASED EMBEDDED SIDDHA DIAGNOSTIC TOOL FOR BODY COMPOSITION PREDICTION BASED ON WRIST CIRCUMFERENCE MEASUREMENT	2324S0163	Mr. R. Vishwa Mr. S. Ashwanth Mr. A. Sanjaykumar	Dr. N. Pappa INSTRUMENTATION, MIT	25,000.00
9	CEG Campus - Department Of Electrical And Electronics Engineering	PERFORMANCE ENHANCEMENT OF MULTILEVEL INVERTER FOR PV SYSTEM	2324S0168	Ms. G. Gayathri Mr. P. Dhanush Mr. P. Aathish	Dr. S. Ganesh Kumar DEEE, CEG	25,000.00
10	CEG Campus - Department Of Electrical And Electronics Engineering	A STUDY ON ADIPOSE CELL LINES TREATED WITH PULSED ELECTRIC FIELD ENHANCED BIACTIVE COMPOUNDS FROM POMOGANATE	2324S0178	Ms. R. Rithika Sree Ms. R. Naveena Sri	Dr. V. Gowri Sree DEEE, CEG	25,000.00
11	MIT Campus - Department Of Information Technology	SMARTBIN : WASTE SEGREGATION USING OBJECT DETECTION	2324S0022	Ms. K. Jeevitha Bethulakshmi Ms. S K. Yasvinipriyaa Ms. M S. Tejasree	Dr. S. Umamaheswari IT, MIT	25,000.00
12	MIT Campus - Department Of Information Technology	EMPOWERING ORAL HEALTH IN HARD-TOREACH PLACES LEVERAGING TELEMEDICINE, AI, AND IOT	2324S0037	Mr. M S. Mehal Sakthi Ms. K S. Sowbarnigaa Ms. S V. Mehanthika	Dr. G. Rajesh IT, MIT	20,000.00
13	MIT Campus - Department Of Information Technology	AN AUTOMATIC MOTOR CONTROL SYSTEM FOR SMART IRRIGATION	2324S0164	Mr. L. Santhoshkumar Mr. M . Ayyappan Mr. M. Amarnath	Dr. N.A. Radha Senthilkumar IT, MIT	25,000.00
14	MIT Campus - Department Of Information Technology	NON-POLLUTANT SUSTAINABLE ENERGY GENERATION	2324S0171	Mr. M. Premkumar Mr. R. Shrathkanna Mr. S. Gajendran	Dr. N.A. Radha Senthilkumar IT, MIT	25,000.00
15	MIT Campus - Department Of Computer Technology	COMPREHENSIVE SCREENING TOOL FOR HOSPITALS	2324S0018	Ms. M. Priyasahaana Ms. S A. Latha Sri Ms. V. Priyadarshni	Dr. S. Chithra DCSE, MIT	25,000.00


 DIRECTOR, CSRC

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

16	MIT Campus - Department Of Computer Technology	INTEGRATED ASSISTIVE SYSTEM FOR OBJECT DETECTION AND BLIND NAVIGATION	2324S0019	Mr. J B . Mugundh Mr. A. Syed Sahil Mr. R. Ashwanth	Dr. P. Jayashree DCSE, MIT	25,000.00
17	MIT Campus - Department Of Computer Technology	ENHANCING SPATIAL VISUALIZATION FOR ENGINEERING GRAPHICS WITH AUGMENTED REALITY	2324S0062	Ms. R. Manasa Ms. V. Varsha Ms. K. Sushmitha	Dr. P. Jayashree DCSE, MIT	15,000.00
18	MIT Campus - Department Of Computer Technology	GENERATIVE PRE-TRAINED TRANSFORMER FOR TAMIL	2324S0105	Mr. P. Praveen Ms. J. Kavya Swetha Mr. E. Shanthosh Kumar	Dr. P. Jayashree DCSE, MIT	15,000.00
19	CEG Campus - Department Of Biomedical Engineering	AN ERGONOMICALLY DESIGNED WEARABLE SEATING POSTURE MONITORING AND ALERTING SYSTEM	2324S0010	Ms. T S. Rakshita Mr. J. Christopher Dennis Ms. B. Raksana	Dr. S. Poonguzhali DECE, CEG	25,000.00
20	CEG Campus - Department Of Biomedical Engineering	DEVELOPMENT OF NEUROFEEDBACK SYSTEM USING BOT FOR STRESS MITIGATION	2324S0017	Mr. RV. Hemanth Mr. RM. Kailaash Ms. . Sai Shivani Balamurugan	Dr. M. Sasikala CME, CEG	25,000.00
21	CEG Campus - Department Of Biomedical Engineering	A SMART SHOE FOR DETECTION AND ALLEVIATION OF FOOT ULCERS	2324S0029	Ms. S. Sai Mathangi Mr. N. Vishnu Mr. P. Sri Balaji	Dr. S. Poonguzhali DECE, CEG	25,000.00
22	CEG Campus - Department Of Biomedical Engineering	VOICEOVER DEVICE - ARTIFICIAL VOICEBOX	2324S0183	Ms. S . Thaarini Devi Ms. P. Tinkeswari Ms. . Dhivya Pradeep	Dr. T. Jayasree DECE, CEG	25,000.00
23	NAGERCOIL Campus - Department Of Electronics And Communication Engineering	IOT BASED WEARABLE DEVICE FOR EARLY DETECTION AND ALERT OF EPILEPTIC SEIZURES	2324S0028	Mr. S. Salmaan Faris Mr. NR. Naren Dharshan Mr. M. Antony Prince	Dr. R. Bharathi DECE, NAGERCOIL Dr. YP. Arul Teen DECE, NAGERCOIL	25,000.00


 DIRECTOR, CSRC

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

24	VILLUPURAM Campus - Department Of Electronics And Communication Engineering	QUALITATIVE DETERMINATION OF AZO AND NON- AZO USING ARDUINO IDE THROUGH NON DISTRUCTIVE	2324S0230	Ms. S M. Mounika Ms. A. Lekhasri Ms. Z. Farheen Fathima	Dr. D. Gajalakshmi CHEMISTRY, VILLUPURAM Dr. M. Phemina Selvi DECE, VILLUPURAM	25,000.00
25	NAGERCOIL Campus - Department Of Computer Science And Engineering	DETECTING PARTICIPANT ATTENTION IN VIRTUAL SESSIONS: LEVERAGING MACHINE LEARNING WHEN CAMERAS ARE OFF	2324S0180	Ms. M. Gladina Sherby Ms. K. Lakshmi Dheeba Ms. J. Jeya Monica	Dr. M. Muthuselvi DCSE, NAGERCOIL Dr. K L. Neela DCSE, NAGERCOIL	15,000.00
26	MIT Campus - Department Of Production Technology	AUTONOMOUS MED HAND: A ROBOTIC PROSTHESIS WITH ADAPTIVE GRASPING FOR ENHANCED FUNCTIONALITY IN MEDICAL APPLICATIONS FOR TRAINING THE PERSONS WITH NEURO MUSCULAR PROBLEMS	2324S0216	Ms. KP. Anushiya Ms. A. Mahalakshmi Ms. T. Haridharani	Dr. P. Ganesh PRODUCTION, MIT Dr. C. Nandakumar PRODUCTION, MIT	20,000.00
27	MIT Campus - Department Of Production Technology	EXTRACTION OF POTABLE WATER FROM ATMOSPHERIC AIR	2324S0232	Mr. C G. Sudarshan Mr. P N. Akshy Naveen Mr. R. Ravivarma	Dr. V. Mugendiran PRODUCTION, MIT	20,000.00
28	CEG Campus - Department Of Printing Technology	CRESTING SEMI TEMPORARY TATOOS	2324S0187	Mr. H. Mohamed Hasan Haroon Rasheed Ms. V. Vijayasathya Ms. VS. Swati	Dr. J P. Nirmala PRINTING, CEG Dr. M. Kanchana PRINTING, CEG	10,000.00


 DIRECTOR, CSRC

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

29	CEG Campus - Department Of Printing Technology	DESIGN AND DEVELOPMENT OF PAPER BASED ELECTROCHEMICAL SENSOR PRINTED USING GRAPHENE INK TO DETECT UREA IN MILK.	2324S0188	Mr. S. Akhileshwar Mr. N R. Kivand Rajan Mr. A. Shrihari	Dr. M. Kanchana PRINTING, CEG Dr. D. Durgalakshmi MEDPHY, CEG	15,000.00
30	CEG Campus - Department Of Printing Technology	Coating of Bio-polymer over the paper cups especially for ice cream carriage	2324S0213	Mr. G. Ragul Prasath Mr. T. Yogeshwaran Ms. P. Thenambika	Dr. J.P. Nirmala PRINTING, CEG	15,000.00
31	CEG Campus - Department Of Mechanical Engineering	RECREATION OF NEW LITHIUM-ION BATTERIES FROM OLD LITHIUM-ION BATTERIES AND TESTING THE WORKING EFFICIENCY OF THE RECREATED LITHIUM ION BATTERY	2324S0014	Ms. V. Abirami Mr. S. Ragulranjith	Dr. D. Sangeetha IES, CEG	15,000.00
32	CEG Campus - Department Of Mechanical Engineering	ADDITIVE MANUFACTURING OF SELFDISSOLVABLE/ DECAYABLE SURGICAL PLATES AND SCREWS USING EGGSHELL POWDER FOR BONE FRACTURE TREATMENT: AN INNOVATIVE SOLUTION TO ELIMINATE SECONDARY SURGERY	2324S0141	Mr. S. Rishi Ms. A. Kavya Ms. B. Niranjana	Dr. N. Muthu Mekala MECH, CEG	20,000.00
33	CEG Campus - Department Of Material Science And Engineering	FABRICATION AND STUDY ON THE PROPERTIES OF SELF-LUBRICATING COPPER MATRIX HYBRID NANOCOMPOSITES REINFORCED WITH GRAPHITE AND NANO BORON NITRIDE PARTICLES BY POWDER METALLURGY ROUTE	2324S0191	Ms. Y. Akila Ms. K. Aparna Ms. R. Oviya	Dr. J. Sudha MECH, CEG	15,000.00
34	CEG Campus - Department Of Industrial Engineering	DESIGN AND DEVELOPMENT OF INTELLIGENT APP FOR SUSTAINABLE SMART CROP MANAGEMENT PRACTICES IN TERRACE CULTIVATION	2324S0092	Mr. I. Jaikanth Mr. A. Kamesh Mr. S. Viswanath	Dr. M. Rajmohan INDUSTRIAL, CEG	10,000.00
35	MIT Campus - Department Of Automobile Engineering	DEVELOPMENT OF ACTIVE AND PASSIVE SAFETY SYSTEMS FOR TWO WHEELERS WITH SMART HELMET	2324S0050	Mr. S. Deepak Srinivasan Ms. B. Akshaya Mr. . Nikhil Krishnan	Dr. K. Arunachalam AUTOMOBILE, MIT	10,000.00


 DIRECTOR, CSRC

RECOMMENDED LIST FOR THE SANCTION OF STUDENT INNOVATIVE PROJECTS 2023

36	NAGERCOIL Campus - Department Of Mechanical Engineering	MACHINE LEARNING AND IOT BASED CHIC MIRROR FOR DAY TO DAY HUMANLIFE USAGE	2324S0035	Mr. M. Dhanush Ms. R. Ramya Ms. J. Abisha	Dr. M S. Starvin MECH, NAGERCOIL Dr. J. Banumathi IT, NAGERCOIL	15,000.00
37	NAGERCOIL Campus - Department Of Mechanical Engineering	EXPERIMENTAL INVESTIGATION OF DISCARDED OPTIC FIBRE AND COTTON FABRIC HYBRID COMPOSITES FOR STRUCTURAL APPLICATIONS	2324S0177	Ms. M. Sripriyadharshini Ms. A. Ancelin	Dr. V A. Nagarajan MECH, NAGERCOIL	10,000.00
38	ACT Campus - Department Of Textile Technology	DEVELOPMENT OF PAPER FROM BANANA FIBRE	2324S0162	Ms. . Shreya Aravind Ms. . Akshaya Balamurugan	Dr. V R. Giri Dev TEXTILE, ACT	25,000.00
39	ACT Campus - Department Of Chemical Engineering	ELECTRIC SOLUTION FOR MICRO PLASTICS A MACRO PROBLEM	2324S0034	Mr. S. Venkateshwaran Ms. P. Kezia Keran Mr. A. Aathith Pranesh	Dr. K. Chithra CHEMICAL, ACT Dr. V. Gowri Sree DEEE, CEG	25,000.00
40	ACT Campus - Department Of Ceramic Technology	DLP-3D PRINTING OF CERAMIC BONE GRAFTS USING HYDROXYAPATITE POWDERS SYNTHESISED FROM WASTE EGG SHELLS	2324S0024	Mr. M. Dharun Mr. V. Raghul	Dr. S. Manisha Vidyavathy CERAMIC, ACT	25,000.00
41	ACT Campus - Department Of Applied Science And Technology	EVALUATION OF PERFORMANCE ON DIESEL ENGINE FUELLED WITH BIODIESEL EXTRACTED FROM SESBANIA GRANDIFLORA SEED	2324S0094	Mr. N. Aswin Kumar Mr. R. Munishwaran	Dr. M. Dharmendirakumar DAST, ACT	25,000.00


DIRECTOR,
CSRC
ANNA UNIVERSITY,
CHENNAI - 600 025.