



RISE-2015

Projects selected for funding under RISE (Undergraduate level)

S. No.	Project ID	Department	Student Name	Supervisor	Title
1	B-1	Power systems	Abhay Singh	Mr. Ashish Aggarwal	TRANSMISSION OF AUTOMATED DISTRESS SIGNAL USING GIS TECHNOLOGY IN CASE OF ROAD ACCIDENT
		Geoinformatics	Vipul Maheshwari		
2	B-2	Geoinformatics	Harmeet Singh Kathuria	Mr. Ashish Aggarwal	SOLAR ROOFTOP MAPPING AND PHOTOVOLTAIC MODULE LAYOUT DESIGN OF UPES DEHRADUN USING REMOTE SENSING AND GIS TECHNIQUE
3	B-3	APE-UP	Shubhandu Sharma	Mr. K S Rajmohan	AN INITIATIVE TOWARDS REVOLUTIONIZING ELECTIONS
		APE-UP	Gaurang Sharma		
4	B-4	Geoscience Engineering	Itesh Dubey	Dr. N P Nayak	ANALYSIS OF MINEROLOGICAL CONSTRAINTS IN PROCESSING OF BANDED JASPER HEMATITE AN ALTERNATE IRON SOURCE
5	B-5	APE-UP	Bhaves Singh Sengar	Dr. D. K. Gupta	DESIGNING A DEVICE THAT AUTOMATICALLY STOPS THE WATER FLOW FROM THE SHOWER WHILE SOAPING
6	B-6	APE UP	Abhinav Kumar/Akshat Agarwal	Dr. Sanjeev Kumar	NANOTECHNOLOGY IN ENHANCED OIL RECOVERY
7	B-7	ASE	ASIF MANAUWAR	Mr. ARUN JEYAPRAKASH	DESIGN OF TILT-ROTOR RC VTOL RECONNAISSANCE AND SUPPLY AIRCRAFT
		ASE	Arpit Chaudhary		
8	B-8	ADE	Gomish Chawla	Mr. Natraj Mishra	DESIGN AND DEVELOPMENT OF DAMPER TESTING MACHINE
9	B-9	Mechatronics	Pawan Deora	Mr. Vivek Kaundal, Mr. Abhishek Sharma	PROPOSAL FOR RESEARCH AND DEVELOPMENT OF ECO-FRIENDLY SOLAR TREE
10	B-10	MSNT	Tikam Chand soni	Mr. Anil Babu Sankru	EFFECT OF HEAT TREATMENT ON CORROSION BEHAVIOUR OF "ALUMINIUM ALLOY 6061" BY "FRICTION STIRRE WELDING"
		MSNT	Mohd.Suhail Ansari		
11	B-11	MSNT	Mudassir Khan	Dr. Subrahmanyam Garimella	SYNTHESIS OF LIFEPO4/CARBON COMPOSITE NANOPARTICLES VIA ULTRASONIC CAVITATION FOR ENHANCED CONDUCTIVITY
12	B-12	Mechatronics	Kamlesh Kumar	Mr. Nararaj Mishra	SMART TRAJECTORY CONTROL OF THE ROBOTIC ARM
13	B-13	MSNT	Mohammad Abubakar Sadique	Mr. Dishant Beniwal	SUPERHYDROPHOBIC CARBON NANOTUBE COATINGS FOR HIGH TEMPERATURE COATINGS
		MSNT	Shah Faisal		
14	B-14	Mechanical	Vaibhav Aggarwal	Dr. Suresh Kumar	A FUTURE SCOPE ON THERMO ACOUSTIC REFRIGERATION
15	B-15	MSNT	Prasansha Rastogi	Dr. Gagan Anand	FABRICATION OF BIOFUEL CELLS BY USE OF GRAPHENE?CARBON NANOTUBE
		MSNT	Aayush Rastogi		
16	B-16	Mechatronics	Aarush Magan	Mr. Rajesh Singh Dr. Anita Gehlot	HOME SECURITY SYSTEM
17	B-17	PSE	Nikhil Raj	MS ANITA	DESIGN FABRICATION AND PERFORMANCE EVALUATION OF AIR ENERGY TRAP SYSTEM IN RAILWAYS
		PSE	Rohan Sharma		
18	B-18	CSE	Prashant Malik	Dr. Kailash Pandey	SOUND TO ELECTRICAL ENERGY CONVRTER
19	B-19	Chemical Engineering	Reshu Agarwal	Mr. R. K. Soundararajan	TREATMENT OF PETROLEUM INDUSTRY WASTEWATER USING TIO2/UV PHOTOCATALYTIC PROCESS
20	B-20	Chemical Engineering	Carvi Jain	Mr. KS Rajmohan	SYNTHESIS AND PERFORMANCE ANALYSIS OF ALGAE BASED BIODIESEL
		Chemical	Aditya Raj		

		Engineering			
21	B-21	Chemical Engineering	Anchit Jain	Dr. G. Gopalkrishnan	REMOVAL OF WATER FROM CRUDE OIL
		Chemical Engineering	Deepak Gochar		
22	B-22	Chemical Engineering	Ila Singhal	Mr. KS Rajmohan	ELECTROCHEMICAL REMOVAL OF PHENOL FROM OIL REFINARY WASTE
23	B-23	Chemical Engineering	Aachman Anand	Mr. KS Rajmohan	DESIGN OF TRAY DRYER FOR BIOMASS DRYING
		Chemical Engineering	D. Vinay Kumar		
24	B-24	ICE	Abinash Prasad Borah	Mr. Rajesh Singh & Mr. Sushabhan Choudhury	LOW COSTS CLASS MONITORING SYSTEM
		ICE	Abhas		
25	B-25	EE	Richa	Ms. Anita Gehlot & Mr. Rajesh Singh	FISH PLATE MONITORING SYSTEM
		EE	Sachit Gupta		
26	B-26	EE	Shambhavi Dubey	Mr. Sushabhan Choudhury & Mr. Rajesh Singh	SMART SHOE
		EE	Nivesh Yadav		
27	B-27	EE	Kottapalli Dheeraj	Dr. Adesh Kumar	DESIGN AND IMPLEMENTATION OF FACE RECOGNITION BASED ATTENDANCE SYSTEM
		EE	Anushka Swarup		
28	B-28	EE	Archit Aggarwal	Mr. Rajesh Singh & Ms. Anita Gehlot	FUTURISTIC ELECTRONIC MENU AND ORDERING SYSTEM
29	B-29	EE	Eesh Mehandiratta	Mr. Rajesh Singh & Ms. Anita Gehlot	DEVICE TO HELP THE OLD, DEAF AND BLIND PEOPLE TO OPERATE THE DOOR
		EE	Ateev Agarwal		
30	B-30	ICE	Amey Tamrakar	Mr. Vivek Kaundal & Mr. Abhishek Sharma	APPLICATION OF BIOMEDICAL INSTRUMENTATION IN HUMAN STRESS MEASUREMENT
		ICE	Praneth Danet Jhonson		
31	B-31	EE	Aakash Verma	Mr. Rajesh Singh & Ms. Anita Gehlot	ANTI-INSECTS DEVICE
		EE	Ayush Agrahari		
32	B-32	ICE	V.S.Gokul Gadamsetty	Mr. Arpit Jain	ACCIDENTS AVOIDANCE USING SMART TRAFFIC REGULATION SYSTEM
		ICE	Kirankumar Vayalada		
33	B-33	EE	Amitabh Yadav	Mr. Vivek Kaundal Mr. Abhishek Sharma	PATIENT MONITORING & TRACKING SYSTEM FOR HOSPITALS
34	B-34	ICE	V.S.Gokul Gadamsetty	Mr. Roushan Kumar	DEVELOPMENT AND CONTROL OF SMART POWER WINDOW
		ICE	Kirankumar Vayalada		
35	B-35	ASE	Tejas	Dr. D.P. Singh	To study thermal radiation & effect of temp on resistance
36	B-36	APE UP	Sagar Kalra	Dr. Rajeev Kumar Gupta	Injection of gasses in Combustion Engine to increase Efficiency and reduce the Soot Production
		APE UP	Kishlay Singh		
37	B-37	CSE	Abhinav Mishra	Mr. MV KAMAL	AUTOMATION OF HOSPITAL MANAGEMENT SYSTEM
		CSE	Akash Ranjan		
38	B-38	CSE	Deepankar Mathur	Dr. Pankaj Kumar Srivastava	To build an automated accidental emergency alert for vehicles in bidholi & surrounding areas.
39	B-39	CSE	Gobind Deep Singh	Pankaj Badoni	Dynamic Encryption Engine
40	B-40	ICE	PRERNA	DR VIKAS GARG	WAPAN BASED MONITORING FOR BRIDGE
		ICE	MONIL		
41	B-41		Saksham Sharma	Dr. Manjeet Singh Goyat	To creat a setup which can control electronic through mind waves.
42	B-42	CSE	Abhishek Dubey	Prem Kumar Ch.	Panel ARC-Search Engine

Projects selected for funding under RISE (Postgraduate level)

S. No.	Project ID	Department	Name	Supervisor	Title
1	M-1	Robotics	Sajal Sharma	Mr. Rajesh Singh Ms. Anita Gehlot	DESIGN AND DEVELOPMENT OF AN UAV FOR UNIVERSITY CAMOUS SURVEILLANCE
		Robotics	Asmita Singh Bisel		
2	M-2	Energy sytem	Manish Mishra	Mr. Rajesh Singh & Ms. Anita Gehlot	SMART WATER MANAGEMENT SYSTEM FOR BUILDINGS
3	M-3	Robotics	Varnita Verma	Mr. Roushan Kumar	DESIGN AND IMPLEMENTATION OF ROBOTIC SYSTEM FOR INTERNAL INSPECTION OF PIPELINE USING PLC
4	M-4	PDE	Ahmad Ibraheem Muazzam	Mr. KS Rajmohan	PHOTOCATALYTIC DECOLORIZATION OF DYE USING TIO2
		PDE	Imran Umar Idris		
5	M-5	PIPELINE Engineering	Srawanti Medhi	Dr. Rajeev Kumar Gupta	Development of oliophobic surfaces to reduce wax deposition in pipeline
		PIPELINE Engineering	Satyajit Chowdhury		
6	M-6	Chemical Engineering	Meenu Verma	Mr. KS Rajmohan	GENERATION AND STORAGE OF H2 BY SYNTHESIS OF RU, CD AND NI-DOPED TIO2 NANOTUBES THROUGH SINGLE WALLED CNTS AND ELECTROCHEMICAL ANODIZATION
		Chemical Engineering	Pratibha Bhaskaran Iyer		
7	M-7	RE	DINESH K	Mr. KS RAJMOHAN Dr. P VIJAY	SYNTHESIS AND PERFORMANCE ANALYSIS OF TAMANU OIL BASED BIODIESEL
8	M-8	Chemical Engineering	Neha Mehra	Dr. Vijay Parthasarthy	CHARACTERIATION OF RED MUD AND ITS POTENTIAL REUSE
9	M-9	RE	Manisha Narra	Mr. KS RAJMOHAN Dr. P VIJAY	BIMETALLIC ALLOY PLATING PTFE COMPOSITE COATING AS AN ALTERNATIVE TO CADMIUM PLATING
10	M-10	RE	Debojyoti Bose	Mr. Amaranth Bose	ELECTRICAL POWER SENERATION USING MUD SOIL
11	M-11	rotating equipment	Francis t	Mr. M. Ramesh	STUDIES AND INVESTIGATION OF DIFFERENT METALLIC COATINGS IN ENHANCING THE PROPERTIES OF SUBSTRATE METAL IN TURBOMACHINERY APPLICATION
		rotating equipment	Athul Aravind		
12	M-12		Prantik & Prashant	Dr. D.P.Singh	Construction and working of Spark counter