

NOTICE

LIST OF SELECTED PROJECTS (RISE-2018)

CATEGORY-I

S.No.	RISE ID	Title of project	Name of student/students	Branch	Name of mentor/mentors
1	R201801	Self-Sustained Automated Solar Panel Cleaner	Disha Bothra	B.Tech ADE Semester 3	Mr. Ram kunwer
			Kumar Utkarsh	B.Tech ADE Semester 3	
2	R201802	Multipurpose solar green house for rural areas of Uttarahand	Sakshi Sharma		Dr. K Raghawan
			Abhishek Kumar		
3	R201803	Design and fabrication of mechanical foot step power generator	Sahil Kumar	B.Tech. Mechanical	Dr. Santosh Kurre
			Sharad Walia	B.Tech. Mechanical	
4	R201804	Development of adsorbent for the purification of harmful gases by making use of Coconut shell activated carbon and various types of chemicals.	Ankit Kumar Jaiswal	B.Tech.CE+RP - Semester-4	Dr. Shilpi Agarwal
			Gaurav Kumar	B.Tech CE+RP - Semester 4	Dr. Kanchan Bahukhandi
5	R201805	Use of Waste Materials in Foundation	Shantanu	B.Tech. Civil (Infra)- Semester 5	Mr. Durga Prasad Panday
			Rakshit Pancholi	B. Tech. Civil (Infra.)- Semester 5	Dr. A N Shankar
6	R201806	Development of prograssive zeolite catalyst for synthesis of cumene	Kartikey sharma	B. Tech. Chemical Engineering- Semester 7	Dr. G. Gopalakrishnan
			Himang Sabharwal	B. Tech. chemical Engineering - semester-5	
7	R201807	Removal of Secondary Di azo-dye and Methyl Thioninium Chloride using Immobilized Packed Bed Reactor	Nandita Baral	B. Tech (CE+RP)- Semester 5	Dr. M. Gopinath
			Vaibhav Jain	B.Tech (CE+RP)- Semester 5	
8	R201808	Alkali treated Biochar derived from sewage sludge for aqueous organic contaminant removal	kushagra gupta	B.Tech. APE Gas semester 4	Mrs. Rose Havilah Pulla
			Bhanu Pratap Singh	B.Tech APE Gas semester 4	Dr. M. Gopinath
9	R201809	Catalytic processing of Jatropa oil to hydrocarbons in Diesel range.	Naman Dudeja	B.Tech. CE +RP- Semester 4	Dr. G Gopalakrishnan
			Pulkit Bhargava	B.Tech.CE-RP-Semester 4	
10	R201810	Development of On-board Reversible Metal Complexes for Hydrogen storage for Fuel Cell Applications	BM Vishal	B. Tech. CE+RP - Semester 4	Dr. K. S. Rajmohan
			Abhisek Panda	B. Tech. CE+RP - Semester 2	Dr. M. Gopinath
11	R201811	Biofuel production from liquid waste by hydrothermal liquefaction	K Bhavish Kumar Reddy	B. Tech. CE+RP - Semester 4	Dr. G. Gopalakrishnan
			B Vishal Manikandan	B. Tech. CE+RP - Semester 4	
12	R201812	Process Design and Optimization of Nickel Recovery, Separation and Valorization from Blister Copper Anode Refinery Effluents	Vishal Manikandan B	B. Tech. CE+RP - Semester 1	Dr. M. Gopinath
					Dr. K. S. Rajmohan

13	R201813	PRODUCTION OF BIOPLASTIC USING STARCH CONTAINING WASTES	Maitree Jha	B.Tech. Chemical + RP - Semester 4	Dr. Shilpi Agarwal
			Siddharth Dahiya	B.Tech. APE UP - Semester 4	Dr. Manjeet Singh
14	R201814	Brain Wave Controlled Robotic Arm.	Pradyumna Mohani	M. Tech. Automation & Robotics - Semester 1	Dr. Rajesh Singh
			Himanshu Sharma	M. Tech. Automation & Robotics - Semester 1	Dr. Vinay Chowdary
15	R201815	Automated Nano sized flapping wing surveillance vehicle (NanoFly)	Ashutosh Ramola	B.Tech. Aerospace spz. in Avionics-Semester 4	Mr. Zozimus D Labana
			Arpit Parashar	B.Tech. Aerospace spz. in Avionics-Semester 4	Dr. Vindhya Devalla
16	R201816	ADVANCED ANIMAL DISTRIBUTION ANALYSIS SYSTEM IN A GIVEN GEOGRAPHICAL REGION USING IoT	Aishwarya Chauhan	B. Tech. EE - Semester 6	Dr. Paawan Sharma
			Rohit Ramchandani	B.Tech. CSE BFSI - Semester 6	Dr. Vivek Kaundal
17	R201817	Solar assisted Cloud enabled Intelligent Mini-Refrigerator (SIMR)	Nishi Khetwal	B.Tech EE-Semester 6	Dr. Vivek Kaundal
			Shristi Shrivastav	B.Tech Electrical Engineering	
18	R201818	Piezoelectric Shoes: Charge mobile battery by walking	RAJU SHARMA	B.tech CSE(ITinfra) semester 4.	Dr. Piyush Kuchhal
			SAMRIDHI JAIN	B.tech CSE(ITinfra) semester4	Mr. Satyam Pal
			KOMAL SAINI	B.tech CSE(ITinfra) semester 4	
19	R201819	Design of FPGA implementation of FIR filter for DSP Applications	Suyash Mahajan	B. Tech. Electronics - Semester 6	Dr. Adesh Kumar
			Vishesh Bajpai	B. Tech. Electronics - Semester 6	
20	R201820	Leakage detection in pipeline using IOT	Nitesh Malik	B.Tech Electronics - Semester 6	Dr. Rajesh Singh
			Ashish Pratap Singh	B.Tech Electronics - Semester 6	Ms. Anita Gehlot
21	R201821	Milk vending Machine	Kunal Gupta	B. des with specialization in Product Design	Dr. Deepak Chandra Goel
			Pranjal Choudhary	B. Des with specialization in Product Design	
22	R201822	Internet of things based automation in construction site for worker safety	Abhishek Sahu	Mechanical-IV sem	Dr. Rajesh Singh
			Chirag Tyagi	Mechanical-IV sem	Ms. Anita Gehlot
23	R201823	Design and development of fire surveillance and fighting robot with visual data manipulation	Mohit Yadav	Mechtronics-VI sem	Dr. Rajesh Singh
			Aisik De	Mechtronics-VI sem	Ms. Anita Gehlot
24	R201824	Total CLOUD Surveillance and feedback system for an IoT Based Smart Greenhouse Monitoring and Automation System.	Mohit Yadav	B.Tech. Mechatronics - Semester 5	Mr. Alind
			Mayank Joshi	B. Tech. CSE CCVT - Semester 5	
25	R201825	Implementation of the speech recognition algorithm for attendance system	Riya Vats	B.tech. CS IFM - Semester 6	Dr. U. Rajani Kanth
			Anand Viswanath	B.tech. CS IFM - Semester 6	Mr. Premkumar
26	R201826	Patient monitoring application based on E-health sensors to perceive emergency situations	Aditiya saini	B. Tech. Electronics - Semester 6	Dr. Rajesh Singh
			Mudit Mehta	B. Tech. CS OSS - Semester 6	Ms. Anita gehlot
27	R201827	POTHOLE DETECTION SYSTEM USING	Rohit Ramchandani	B.Tech. CSE BFSI- Semester 6	Prof. Amitava Choudhury

27	R201827	IMAGE PROCESSING	Aishwarya Chauhan	B.Tech. EE - Semester 6	Prof. Anil Kumar
28	R201828	3D Digital reconstruction of archaeological heritage sites in Uttarakhand for digital preservation	Shiv Narain Capoor	Mtech. A&RE	Dr. Amit Kumar Mondal
			GRS PRUTHVI RAM YAZWA	MTECH A&RE	Dr. Vindhya Devalla
29	R201829	Virtual assistance for medicine	Sumit Kumar Das	CCVT-VI sem	Dr. Pankaj Badoni
			Vartika Bhatt	CCVT-VI sem	
30	R201830	Traffic automation for emergency vehicles and accident alert system	Sahil Taneja	CCVT-VIII sem	Dr. Hitesh Kumar Sharma
			Ayush Yadav	G&G-IV sem	
			B Manikarthik	CCVT-VIII sem	
31	R201831	KIDEXA-Alexa skills for kids	Krishan Chawla	ECRA-VIII sem	Mr. Ravi Tomar
			Sanyam Jain	ECRA-VI sem	
32	R201832	Approach to reduce Accidents on Blind Turns	Yashasvi Mittal	B.tech. ADE- Semester 5	Mr. Prashant Shukla
			Siddharth Choudhary	B.Tech. ADE- Semester 5	
33	R201833	Ventilation Augmented Supercavitating Turbine (VAST) for Next- Generation Hydropower	Ranjith K	M.Tech.Rotating Equipment-semester 1	Dr.Ashish Karn
			Thendralarasu S	B.Tech. Mechanical Engineering,Semester-5	
34	R201834	Photocatalytic degradation of plastic waste into high value added additives	Hansarj	B.tech. MSENT semester 6	Dr. Sravendra Rana
35	R201835	Low-Cost Projector for Smart Classes in Remote Areas. as.	Surya Sathi Roy	B.FA (Digital Arts)	Dr. Deepak Chandra Goel
			Raunak Sachdeva	B.FA (Digital Arts)	
36	R201836	Development of a new cutting transport model for an optimum drilling performance	SAURAV	B.Tech APE Upstream	Dr. Somnath Banerjee
			SHASHANK SINGH	B.Tech APE Upstream	Mr. Satyajit Chowdhury
37	R201837	GENERATION OF LIQUID HYDROCARBONS FROM WASTE PLASTIC	C.S.SANDHYA	M.Tech. Petroleum Engineering - Semester 1	Dr. Mandira Agarwal
			T.N.V. PAVAN	M.Tech. Petroleum Engineering-Semester 1	Mr. Satyajit Chowdhury
38	R201838	Production of Biodiesel from Waste Cooking Oil through Reactive Distillation by using a Nano Catalyst	ARUN R	M.TECH PETROLEUM ENGG.- SEMESTER 1	Dr. Mandira Agarwal
			NUPUR CHAKRAVARTY	M.TECH PETROLEUM ENGG.-SEMESTER 1	Mr. Satyajit Chowdhury
39	R201839	Gravel Pack Design and Optimisation	Vrinda Joshi	B.Tech APE UP- Semester 6	Dr. D.K. Gupta
			Rishu Dhandhanian	B.Tech APE UP- Semester 6	Mr. Satyajit Chowdhury

CATEGORY-II

S.No.	RISE ID	Title of project	Name of student/students	Branch	Name of mentor/mentors
1	SR201801	Enhanced Activated Carbon Cathode for Double Chambered Microbial Fuel Cell using low cost Polyvinylidene Fluoride (PVDF) Binder for Improved System Stability and Power Generation	Shanmathi Sridharan	B. Tech. CE+RP - Semester 5	Dr. M. Gopinath
			Himanshi Dhawan	B. Tech. CE+RP - Semester 7	Mr. Debajyoti Bose
2	SR201802	Green synthesis of silver nanoparticles using clove bud flower extract for cancer treatment	Shanmathi Sridharan	B. Tech. CE+RP - Semester 6	Dr. M. Gopinath
			Vipasha Bihone	B. Tech. CE+RP - Semester 6	Dr.K.S.Rajmohan