

Selected Projects For RISE 2017 (Category-II)

Project under Chemical Engineering Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1701	Optimization of Zirconia Based Solid Acid Catalyzed Reactions of Industrial Importance	Abhinav Agarwal, Harsh Prateek	Dr. Shilpi Agarwal

Project under Electronics Engineering Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1702	Lifi based smart homes	Ravinder kumar and Pushap saini	Prem Kumar Ch
2	SR1703	Rash driving monitoring system	Revant Pande and Ayush Agrahari	Vivek Kaundal and Vinay Chowdary
3	SR1704	Futuristic electronic menu and ordering system	Archit Agarwal	Dr. Rajesh Singh and Ms. Anita Gehlot
4	SR1705	Total cloud surveillance and feedback system with audio , visual interaction	Archit Agarwal	Dr. Rajesh Singh and Ms. Anita Gehlot
5	SR1706	development of control system in multilevel car parking system	Lalit Kumar Yadav and Vivek Kushwaha	Mr. Vivek Kaundal
6	SR1707	Pipeline Cleaning Robot	Navpreet singh and Nitin Karnatak	Ms. Varnita Verma and Dr. Sushabhan Choudhury
7	SR1708	Human detection in case of disaster	Sajal Sharma and Nitin Karnatak	Mr. Rajesh Singh and Dr. Sushabhan Choudhury
8	SR1709	Drone with gesture control and Head up Display (HUD)	Ayush Agrahari and Aman Pathak	Mr. Arun Jeyaprakash

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Project under Energy Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1710	Design and Development of Free Energy Harvester Using Mechanical Vibration Produced on Road Breakers	Nikhil Raj and Krishna Kant Dixit	Mr. Amarnath Bose
2	SR1711	Design of sediment microbial fuel cell to increase the amount of power generation from Himalayan mud soil and study of soil quality after utilization	Shikha Mitra and Himanshu Jain	Mr. Amarnath Bose and Ms. Debajyoti Bose
3	SR1712	Design and fabrication of power generation speed breakers using roller-flywheel mechanism	Prabhat Kaushik and Abhishek Saroj	Mr. R.M. Reddy

Project under IT Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1713	Language learning system	Ravinder kumar and Niraj Kasyap	Prem kumar ch.

Project under Mechanical Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1714	Robotic arm	Harman Singh and Deepanshu Khare	Mr. Natraj Mishra

Selected Projects For RISE 2017 (Category-II)

Project under Petroleum Engineering Group

S.NO.	PROJECT ID	Title of the proposed RISE project	Applicants	Mentors
1	SR1715	High membrane efficient water based mud	Saumya and Abhinav Kumar	Mr K Vamsi Krishna
2	SR1716	Use Of Nanoparticles in Enhanced Oil Recovery	Akshat Agrawal and Abhinav Kumar	Mr. Satyajit Chowdhury