

Student Innovation Projects of Electrical Engineering Department

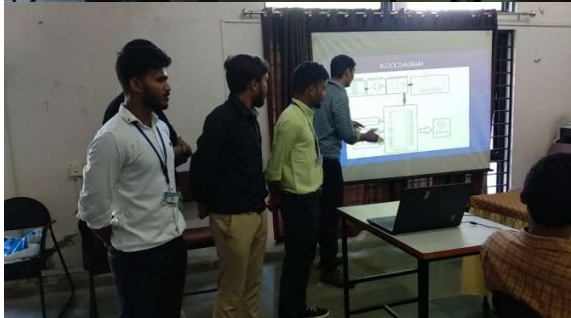
In Electrical Engineering Department from 18/06/2018 to till date sensitization program were carried for students of 7th, 5th, 3rd and 1st semester and they were inspired to come up with innovative ideas and projects. Students were informed to submit their application for sanctioning the SSIP innovative projects to dept committee by 23/07/2019. Special emphasis was put on innovative ideas to improve the Energy Efficiency, innovative ideas using IoT based concepts, Conditioning monitoring of transformer, smart



meters, automatic seeding for plants, etc. Department level scrutiny was arranged on 26/07/2019 in which 14 groups of 64 students have presented their innovative idea to department level scrutiny committee consisting of Prof. K. L. Mokariya, Prof. D. C. Parmar, Prof. S. K. Pawar and Prof. J. A. Jadav. Out of which 8 teams of 37 students were selected for final scrutiny by department level scrutiny committee.



Institute level presentation was given by these 8 teams on 21/8/2019. Out of these 8 teams 7 teams of 32 students were finalized to get SSIP fund of total Rs. 1,08,733 as POC Projects by Institute level committee members headed by respected Principal Dr. V. S. Purani ,Head of all Departments Prof. K. L. Mokariya, Prof. S. V. Damaniya, Prof. D. J. Patel, Prof. K. K. Modi, Prof. R. C. Malan, Prof Girish Vegad and SSIP committee members Prof. B. R. Sudani, Prof. R. V. Prajapati.



No of Innovative projects:-07, No of Incubators:-28,SSIP Project Mentors:-K L Mokariya,DC Parmar,Devendra tandel,Archana Parmar,J A Jadav,S K Pawar.

Government Engineering College, Valsad

Student Innovation Projects of Chemical Engineering Department



In chemical engineering department, sensitization programs were carried out for the students of 7th, 5th, 3rd and 1st semesters from 18/06/2018 to 10/08/2019. They were inspired to come up with innovative ideas and projects. Students approached faculty members for being more aware about the idea and suitability of their ideas for projects. They were guided properly and informed to submit their applications for sanctioning the SSIP innovative projects to dept committee by 24/07/2019.



Special emphasis was put on innovative ideas to improve the greener approaches for energy efficiency, atom economy, innovative ideas using novel methods and IoT based concepts, smart processes of manufacturing etc. Department level scrutiny was arranged from 03/08/2019 to 13/08/2019 in which 22 groups of 97 students have presented their innovative ideas to department level scrutiny committee. Prof. G. D. Vegad as head of department along with departmental committee consisting of Prof. R. V.

Prajapati, Dr. B. R. Sudani, Prof. J. R. Joshi, Prof. H. M. Jariwala, Dr. S. K. Shrivastav, and Prof. P. B. Patel remained present. Students presented their ideas and project details. Out of which 11 teams of 52 students were selected for final scrutiny.



Institute level presentation was given by these 11 teams on 28/8/2019. Out of these 11 teams, 5 teams of 25 students were finalized to get SSIP fund of total Rs. 1,01,211/- as POC level projects by institute level committee members headed by respected Principal Dr. V. S. Purani, Head of all Departments Prof. S. V. Damaniya (Mech), Prof. K. L. Mokariya (Elect), Prof G. D. Vegad (Chem), Prof. K. K. Modi (Env), Prof. R. C. Malan (A.S.&H.), Prof. V. D. Patel (Civil), and SSIP committee members Prof. R. V. Prajapati (Chem) and Dr. B. R. Sudani (Chem).



No. of Innovative projects:- **05**, No. of Incubatees :- **25** SSIP Project Mentors:- **Prof. G. D. Vegad, Prof. R. V. Prajapati, Dr. B. R. Sudani, Prof. A. R. Magodara and Dr. S. K. Srivastav**