



# RNS INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### Project Open-house Panorama (PROP)

**Project Open-house Panorama (PROP)** is a Student Centric Program conducted for B.E. final year students by the department. PROP is conducted every year on May 11th, to encourage the students to showcase their technical Projects carried out during their final year and other semester students can showcase their hobby projects in front of industry experts and internal experts.

Final year students are grouped into project batches - a group of 3 to 4 students, and project batches are categorized under four domains as AIML and Data Science, Computer Network and Security, Image and Video Processing, and IoT & Embedded Systems. Final year Students will exhibit their projects in scheduled sessions and tracks in parallel. Hobby Projects are exhibited by lower semester students in their respective track to showcase their creative projects.

The evaluation committee consisting of two industry experts and two internal experts does the review of the projects in each domain. The best project will be selected by evaluation team for final year students in each domain based on following criteria : Relevance / Domain (Does the project is based on research, Does the project lead to a product or new technology, Industry suggested/ supported project, Simulate a project for later implementation), Innovative/Novel (Comparison of existing and proposed work, Adaptation of new technological skills, Completeness of the proposed architecture/flow diagrams and its justification), Methodology/Technology (Generation and analysis of alternatives, Identifies relevant constraints (economic, environmental/Safety sustainability, etc)), Presentation Skills (Oral Presentation/Body Language). Best projects with respect to Hobby projects are also selected and announced.

The best projects awarded in **PROP 2021**:

Domain	Project Title	Students Name
<b>AIML and Data Science</b>	Legal advising chat bot	Mr.Shashank H K Ms.Sparsha S Mr.Tejesh M.Kalra Mr.V. Bharath
<b>Computer Network and Security</b>	Credit Card Reader with Face Recognition System	Mr. Koneti Hemanth Raju Mr. Manish S Prasad Mr. Amit Kumar Sah
<b>Image and Video Processing</b>	Social Distancing Enforcement in Colleges Using IoT and Photogrammetric	Mr.Vishal Mr. Shubham Tiwari Mr. Shreyank Jaiswal Mr.Shubham Sinha
<b>IoT and Embedded System</b>	Design and Implementation of Eye Pupil Movement based PIN Authentication System	Mr. Suman R Kulkarni Mr.T Kishore Mr.V Harshitha Ms.Vibha S Navale
<b>Hobby Projects</b>	Visualizing Mathematics	Mr. Sanskar Jaiswal- 4th 'B'
	Emotion based Video Player	Mr. Samyak- 4th 'B'