



Research and Development Committee

Technical Paper Presentation competition-2019-20

Category II students

Date: 15th May 2020

Timings: 9.00 am to 11.00 am

Department Name: Electronics and Telecommunication Engineering

Departmental Report

Competition was conducted on inter departmental level for the B.E. EXTC Category II students at 9.00 am to 11.00 am on 15th May 2020 in EXTC department using online mode. From EXTC, 8 groups (23 students) participated for this event. Like every year, some of the faculty from ETRX department were scheduled to judge the event. Prof. Narendra Bhagat and Prof. G. T. Haldankar from ETRX dept. were the faculty judges this year. Evaluation of Presentation was done using assessment sheet given to the by R & D Committee. Technical papers written by students were also evaluated. Best group was identified as winner of this event. Following is the allotment of the google classroom link.

Judge Name	Dept of Judge	Online Meet Room	No. of Groups
Prof. Narendra Bhagat	ETRX	https://meet.google.com/usj-mfhm-hdi	4
Prof. G. T. Haldankar	ETRX	https://meet.google.com/rks-xfre-brb	4

Some of the screenshots during the online event are shown below:

Future Scope

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ENVIRONMENT

CONTROLLER (PLAN, RK, ACT)

PLANT (Robot)

AGENT (Neural Network)

Action

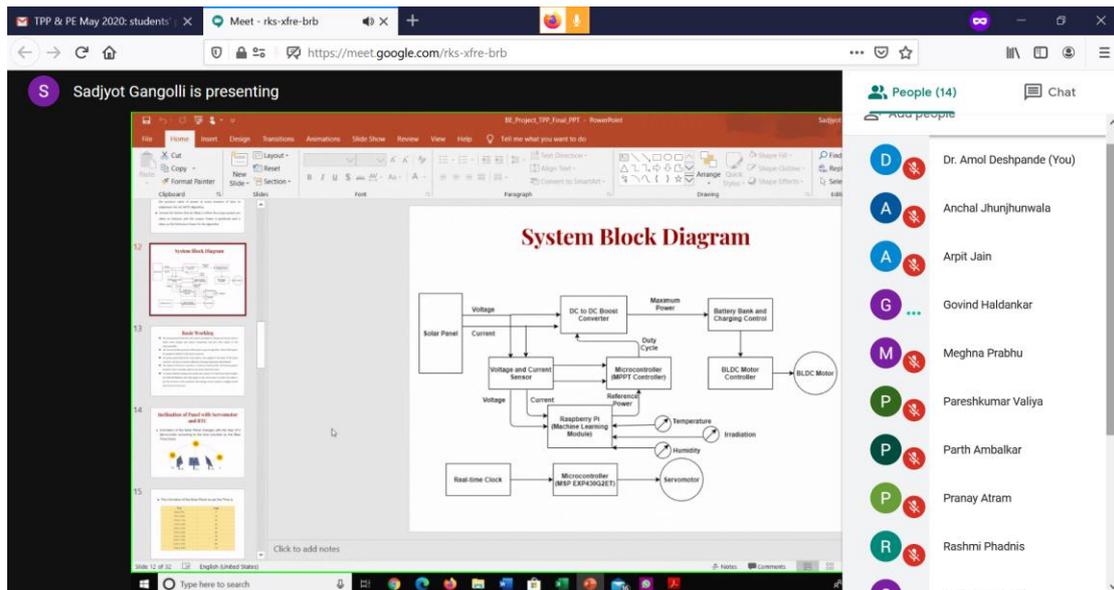
- Target speed and direction
- Operating mode

State

- Position / speed / acceleration
- Force / torque
- Perception sensors

Narendra Bhagat

Credits: <https://blogs.mathworks.com/racing-lounge>



Based on the evaluation following is the final result.

Rank	Gr. No.	UCID	Name of the student	Project title	Guide
1	C2_4	2016120013	Arnold Johnson Fonseca	Cloud Cover Avoidance in Satellite Systems	Dr. Reena Sonkusare
		2016120018	Soham Jagtap		
		2016120054	Shreeram Narayanan		

The departmental coordinator would like to thank Dr. Reena Sonkusare, HOD, EXTC Dept. and all the faculty members of the department for their support for this event. Special thanks to Dr. Y. S. Rao, Dean Research & Development, SPIT for his continuous guidance and support.

R&D Student Coordinator
EXTC Dept., S.P.I.T.