



THIAGARAJAR COLLEGE OF ENGINEERING



IEEE STUDENT BRANCH

IEEE Report for the Year 2020-2021

IEEE STUDENT'S COUNSELLOR: Dr G Ananthi

DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING

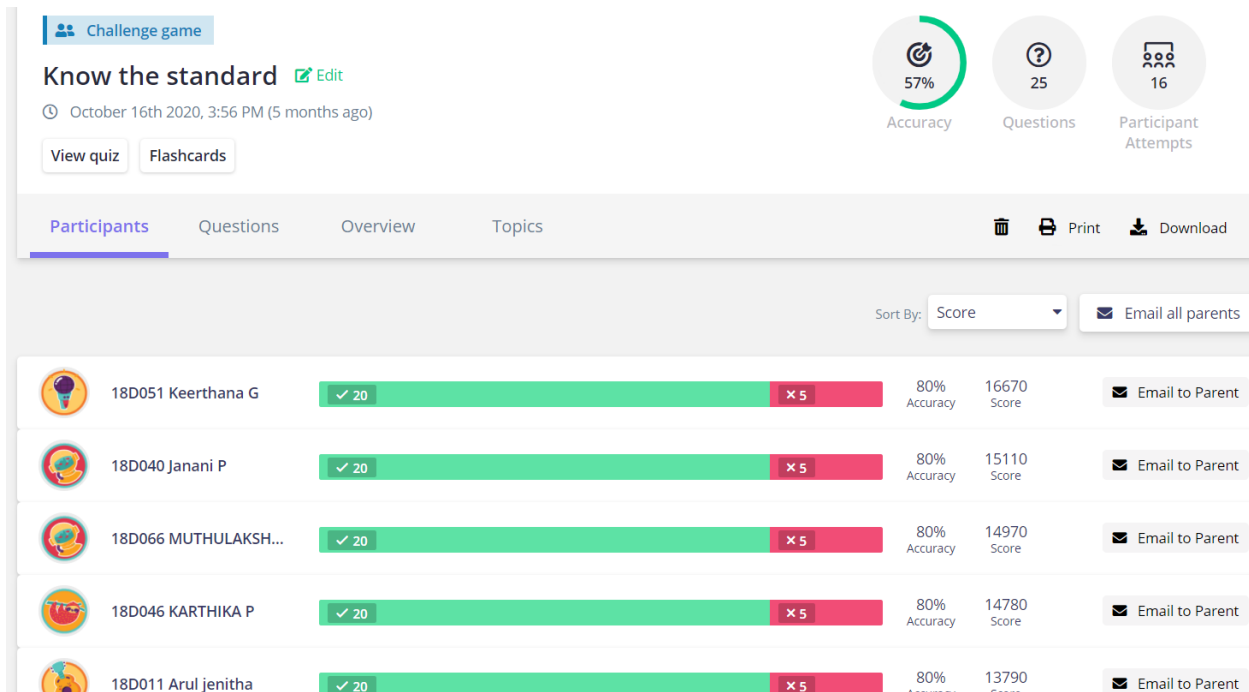
Know the Standard	16.10.2020
Techclips	25.10.2020 – 28.10.2020
Paper Presentation	03.12.2020
Circuit Breaking	19.01.2021
TechGuru	13.02.2021
Group Discussion	13.04.2021

KNOW THE STANDARD

This event was conducted on 16.10.2020 in joinmyquiz portal. A quiz game on the fundamentals of electronics and IEEE standards. This event was conducted to check the knowledge of students in the various standards in IEEE. And also, some questions were asked from their core subjects in previous semesters.

Winners:

1. Keerthana G-18D051
2. Janani P- 18D040
3. Muthulakshmi M- 18D066



TECHCLIPS:

This event was conducted between 25.10.2020 and 28.10.2020. An online technical presentation event where in the students were asked to send a video of a technical topic and speak about it for minutes. This event was conducted to test the technical knowledge of the students and their ability to present the entire content within a specified time.

Winners:

1. Subathraa V 18D105
2. Kavya AB 18D050
3. Muthulakshmi M 18D066

PAPER PRESENTATION:

This event was conducted on 03.12.2020. A team event where the students were asked to submit an abstract to the given mail. Then they were presenting their respective presentation and it was followed by questionnaire session. This event was conducted to check the presenting skills of the students and their views in expressing a particular topic.

Winners:

1. Jagatha M
Dhanushpriya P

Subathraa V

2. Janani P
Mayuri Priyadharshin M
Muthulakshmi M
3. Sivasree M
Arul jenitha J
Lavanya R

EVEN SEMESTER EVENTS

CIRCUIT BREAKING

This event was conducted on 19.01.2021. This event was conducted to check the basic knowledge of the students in circuit theory and the basics of electronics. Here in this event, the students were given with some circuits and they were asked to find the circuit. Also, for the given circuits the students were asked to find some parameters like current, power from the given circuits.

Winners:

1. Jagatha M
2. Arul jenitha J
3. Karthika P

TECHGURU

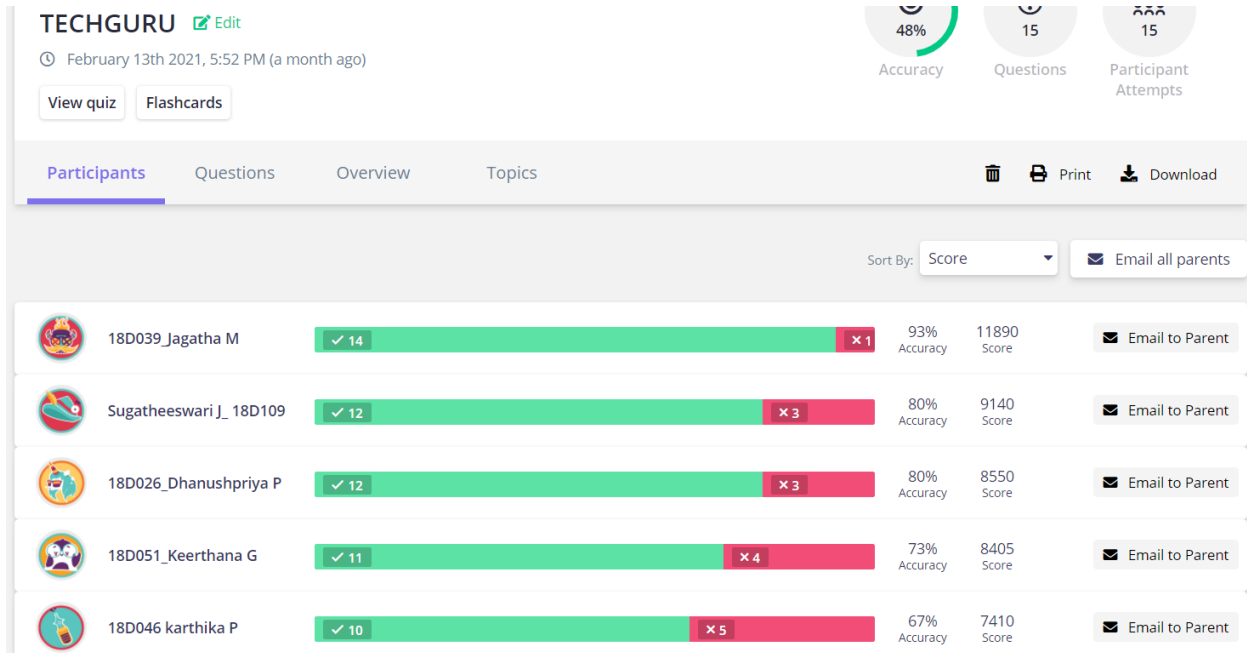
This event was conducted on 13.02.2021 in joinmyquiz portal. This event was conducted to make the students revise all the core subjects of Electronics and Communications where the students were asked to solve the previous year GATE questions from all subjects in Electronics and Communication.

Winners:

1. Jagatha M

2. Sugatheeswari J

3.Dhanushpriya P



GROUP DISCUSSION

This event was conducted on 13.04.2021. The motive of this event was to observe their personality and skills, ability to discuss on the given subject and to guide them on how to take part in Group Discussions. The session opened with the 'Self Introduction' of students. Then topics were given to the students on the spot and they have to talk and discuss on the topic spontaneously. The students were given 2 minutes to think over the topic before beginning with the discussion. This helps to improve their elocution skill and also test their communication.

Winners:

1. Subathraa V
2. Arul jenitha J
3. Lavanya R

Browser tabs: New Tab, (251) WhatsApp, [Solved] Erica and Bob partici..., Erica and Bob participate in a ..., Meet - zqy-tnuk-xht

URL: meet.google.com/zqy-tnuk-xht

Time: 7:18 PM

Participants:

- You (V)
- 18D055 LAVANYA R
- 18D101 SIVASREE M
- 18D105 SUBATHRAA V
- 18D039 JAGATHA M
- 17D107 VIDYAKAILASAM P
- 18D011 ARULJENITHA J

Meeting details ^

Buttons: Turn on microphone (ctrl + 0), Raise hand, Turn on captions, Present now

Windows taskbar: Type here to search, 19:18 13-04-2021

Browser tabs: New Tab, (1) WhatsApp, Important Grou..., Meet - cmr-mfu..., Inbox (2,758) -, Happening now..., Meet - cmr..., x

URL: meet.google.com/cmr-mfuc-qfm?pli=1&authuser=1

Time: 6:23 PM

Participants:

- You (V)
- 18D109 SUGATHEESWARI J
- 18D055 LAVANYA R
- 18D101 SIVASREE M
- 18D062 MAYURI PRIYADHARSHINI M
- 18D105 SUBATHRAA V
- 18D109 SUGATHEESWARI J

Meeting details ^

Buttons: Turn on captions, Present now

Windows taskbar: 18:23 13-04-2021

IEEE Xtreme:

IEEE Xtreme is a global challenge in which teams of IEEE Student members – advised and proctored by an IEEE member, compete in a 24-hour time span against each other to solve a set of programming problems.



The screenshot shows a table of IEEE Xtreme rankings. At the top right, there is a search bar containing the text 'Thiagara'. The table has columns for Global Rank, Team Name, University, Country, Region, Region Rank, Country Rank, and School Rank. The data rows show six teams from Thiagarajar College of Eng-Madurai, ranked 189 to 2075 globally. The bottom of the table indicates 'Showing 1 to 6 of 6 entries (filtered from 2,157 total entries)' and includes navigation arrows for 'Previous' and 'Next'.

Global Rank	Team Name	University	Country	Region	Region Rank	Country Rank	School Rank
189	TeamMarvel	Thiagarajar College of Eng-Madurai	India	R0	96	11	1
1294	ENIGMA	Thiagarajar College of Eng-Madurai	India	R0	688	307	2
1737	BUGBUSTERS	Thiagarajar College of Eng-Madurai	India	R0	963	504	3
1864	TechPhantoms	Thiagarajar College of Eng-Madurai	India	R0	974	513	4
2048	ThreePointFFT	Thiagarajar College of Eng-Madurai	India	R0	1181	677	5
2075	XtremePro	Thiagarajar College of Eng-Madurai	India	R0	1199	690	6

IEEE Signal Processing Cup 2021

The Signal Processing Cup (SP Cup) student competition, presented by the IEEE Signal Processing Society is held annually, gives students the opportunity to work together to solve real-life problems using signal processing methods. The challenge given this year was to control a wireless propagation environment using an intelligent reflecting surface. The competition was sponsored by Mathworks. Students from TCE participated in this competition in the name of TCE Yukthi.

Type	SPS Member?	Name	Affiliation
Supervisor	SPS Member	Thiruvengadam S Jayaraman	Thiagarajar College of Engineering
Postgraduate	SPS Member	Vetrivel Chelian Thirumavalavan	Thiagarajar College of Engineering
Undergraduate	Not SPS Member	Ajay Babu Rупpa Hariharan	Thiagarajar College of Engineering
Undergraduate	Not SPS Member	Sujin Sundar Jegadheesan Kannan	Thiagarajar College of Engineering
Undergraduate	SPS Member	Vidya Kailasam Palani Natha Raja	Thiagarajar College of Engineering
Undergraduate	SPS Member	Sruthi Sugumaran	Thiagarajar College of Engineering
Undergraduate	SPS Member	JeyashreeAdhiParameshwari Sathiamoorthy	Thiagarajar College of Engineering
Undergraduate	SPS Member	Sugeerthapradheesa Gurumoorthy	Thiagarajar College of Engineering

MAS-E-TECH Symposium 2021

IEEE Madras Section Student Coordination team conducted various technical events like Ideathon, Webinar Report, Video Contes, Technical Adzap, Student Paper Contest and Project Expo.

Students from second years of TCE participated in the Project Expo where they explained the complete working of their project and got first prize.



All the events were conducted with the purpose of making student members to gain technical knowledge as well as to improve their co-curricular skills. The events were organized under Thiagarajar College of Engineering IEEE Student Branch. All the students were stimulated to get actively involved in various activities organized.