



THIAGARAJAR COLLEGE OF ENGINEERING



IEEE STUDENT BRANCH IEEE

Report for the Year 2021-2022

IEEE STUDENT'S COUNSELLOR: Dr G Ananthi

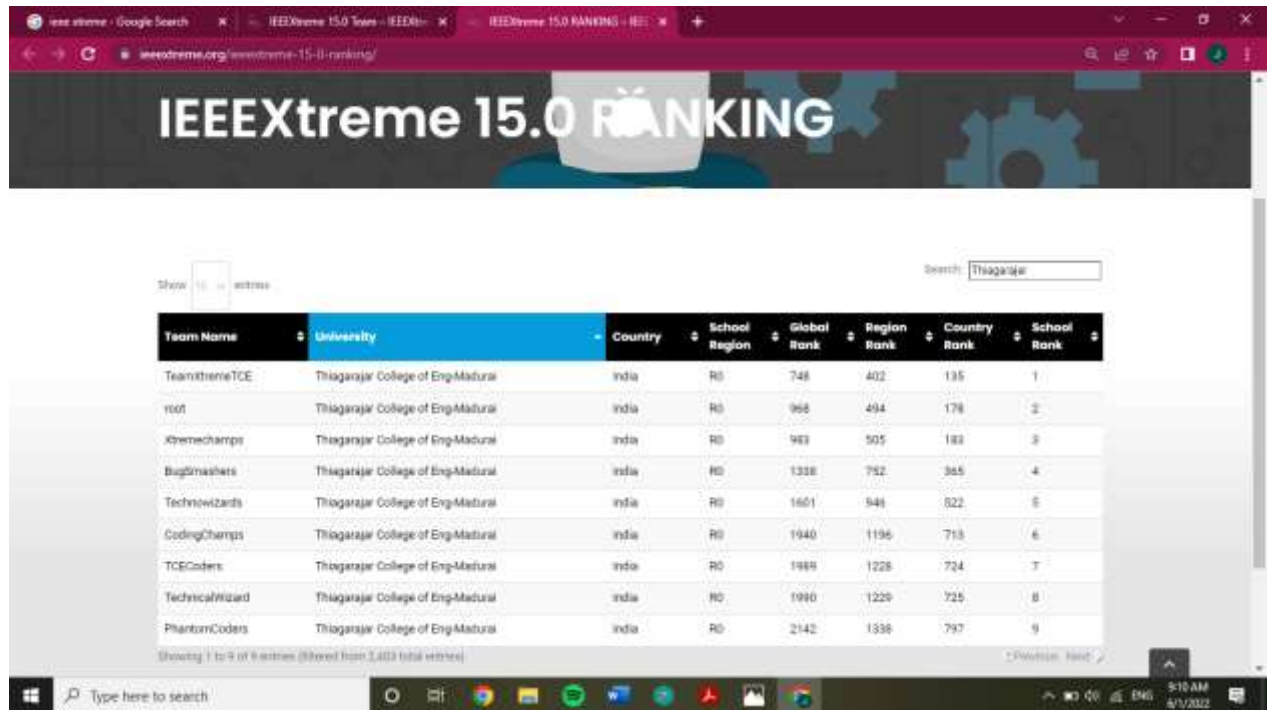
The pandemic outbreak has pushed everyone's life into disarray. Severe circumstances, on the other hand, necessitate tough measures, which is also true in the case of education. We were able to reach out to students through virtual mode as members of IEEE during those periods. After our college reopened, we invited students to attend events in person to showcase their talents and inner curiosity, because knowledge has no beginning and no end.

DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING

Event Name	Date
IEEE Xtreme	23.10.2021
Zeros and ones	22.11.2021
Group discussion	25.11.2021
C@nnect	3.12.2021
Crack the code	28.01.2022
Techlathon	25.03.2022
Electro swagging	06.04.2022
Tech Hunt	17.5.2022

IEEE Xtreme

IEEEXtreme 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. It was conducted on 23.10.2021. 9 teams completed the challenge successfully and secured ranks worldwide.



The screenshot shows the IEEEXtreme 15.0 Ranking website. The page title is "IEEEXtreme 15.0 RANKING". A search bar contains the text "Thiagarajar". Below the search bar, there is a table with 9 rows and 8 columns. The columns are: Team Name, University, Country, School Region, Global Rank, Region Rank, Country Rank, and School Rank. The table lists the following teams and their ranks:

Team Name	University	Country	School Region	Global Rank	Region Rank	Country Rank	School Rank
TeamxtremeTCE	Thiagarajar College of Eng-Madurai	India	RO	748	402	135	1
root	Thiagarajar College of Eng-Madurai	India	RO	958	494	178	2
Xtremechamps	Thiagarajar College of Eng-Madurai	India	RO	983	505	183	3
BigSmashers	Thiagarajar College of Eng-Madurai	India	RO	1338	752	365	4
Technowizards	Thiagarajar College of Eng-Madurai	India	RO	1601	946	522	5
CodingChamps	Thiagarajar College of Eng-Madurai	India	RO	1940	1196	713	6
TCEcoders	Thiagarajar College of Eng-Madurai	India	RO	1989	1228	724	7
TechnicalWizard	Thiagarajar College of Eng-Madurai	India	RO	1990	1229	725	8
PhantomCoders	Thiagarajar College of Eng-Madurai	India	RO	2142	1338	797	9

Zeros and ones

The event 'Zeros and ones' was conducted on 22.11.2021. This event was conducted for third year students to test their knowledge in digital electronics. Digital electronics is the branch of electronics that deals with the study of digital signals, and the components that use or create them. This event helped the students to recall the topics on the subject.

Winners

1. Vaishnavi M
2. Abhirami S
3. Deve Dharshini S

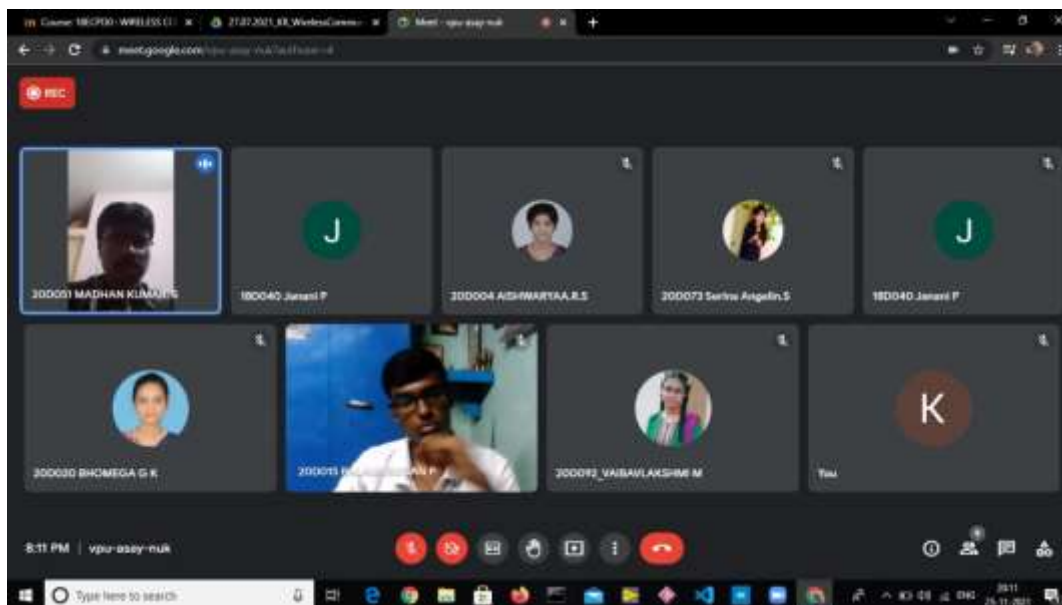


Group discussion

The Group discussion event was conducted on 25.11.2021. This event helped the students to improve the professional communication skill of the students. This also helped the students to prepare for their placements where group discussion plays a major role.

Winners

1. Vaibavlakshmi M - 20D092
2. Balamurugan P - 20D015
3. Varsha Catherine V- 20D093



C@nnect

This event was conducted on 03.12.2021. The 'C@nnect' event was organized to test the students' knowledge regarding the IEEE standards and networking basics. Knowing the IEEE standards is a skill that all the IEEE members should possess and so this event was planned to prepare the students on that.

Winners

1. Balamurugan P – 20D015
2. Madhan Kumar S – 20D051
3. Jegan G – 20D036

Crack the code

This event was conducted on 28.01.2022. This event ‘Crack the code’ was about predicting the output for the snippet of code given the students. The main idea of this event is to improve the programming skill of the students. Code snippets from C programming language was given to students and they were asked to predict the output of the codes.

Winners

1. Vaishnavi M - 19D106
2. Abhirami S - 19D004
3. Deve Dharshini S - 19D017



Techlathon

The event 'Techlathon' was conducted on 25.03.2022. There were two rounds in this event.

Round 1 - In this round, technical words from different domains were given to students in the form of pictures. The students were asked to decode the technical words in teams of two.

Round 2 - In this round, technical words from different domains of Electronics and Communication were given to students. One team member can give a maximum of three clues. The other member must decode the technical word.

Winners

1. Team Binaries
Aishwaryaa R S – 20D004
Serina Angelin S – 20D073

2. Team Tech Chums
Varsha Catherine V – 20D093
Priyadharshini B – 20D064

3. Team Bosom Buddies
Balamurugan P – 20D015
Madhan Kumar S – 20D051



Electro swagging

The 'Electro swagging' event was conducted on 06.04.2022. This event helped the students to improve the knowledge in the basics of analog electronics, which is one of the core subjects of Electronics and Communication Engineering. The knowledge about amplifiers and oscillators were tested in the form of multiple-choice questions.

Winners

1. Balamurugan P – 20D015
2. Madhan Kumar S – 20D051
3. Jegan G – 20D036

Rank	Name	Points
1	20D015_Balamurugan P	19750
2	20D051_MADHAN KUMAR S	19080
3	20D036_JEGAN G	19030
4	20D088_Subharanjini S	18660
5	20D004_R.S.Aishwarya	18020
6	20D093_V Varsha Catherine	15420
7	20D075_Sharveshwaran SN*	10010

Tech Hunt

The event 'Tech Hunt' was conducted on 17.05.2022. In this event, students were given questions related to the topics of Data structures, Database Management System (DBMS) and Object-Oriented Programming System (OOPS).

Winners

1. Priyadharshini B - 20D064
2. Sruthik I - 20D084
3. Jegan - 20D036

