



2019-2023



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

Computer Science and Engineering Department

November 2023

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SESSION 2022-23

IEEE STUDENT CHAPTER

DATE: 11 OCTOBER, 2022

MODE: OFFLINE

On the occasion of IEEE Day which is observed on the 4th of October of every annual year, the IEEE Student Branch of Thapar Institute of Engineering and Technology (TIET), Patiala, Region 10, organized an event on 11th October 2022 at TIET, India. One such activity was an **“IEEE Membership: A Magical Door for Professional Networking for Students and Research Scholars”** which was delivered by **Dr. Ashima Singh** and **Dr. Rajesh M. Pindoriya**.

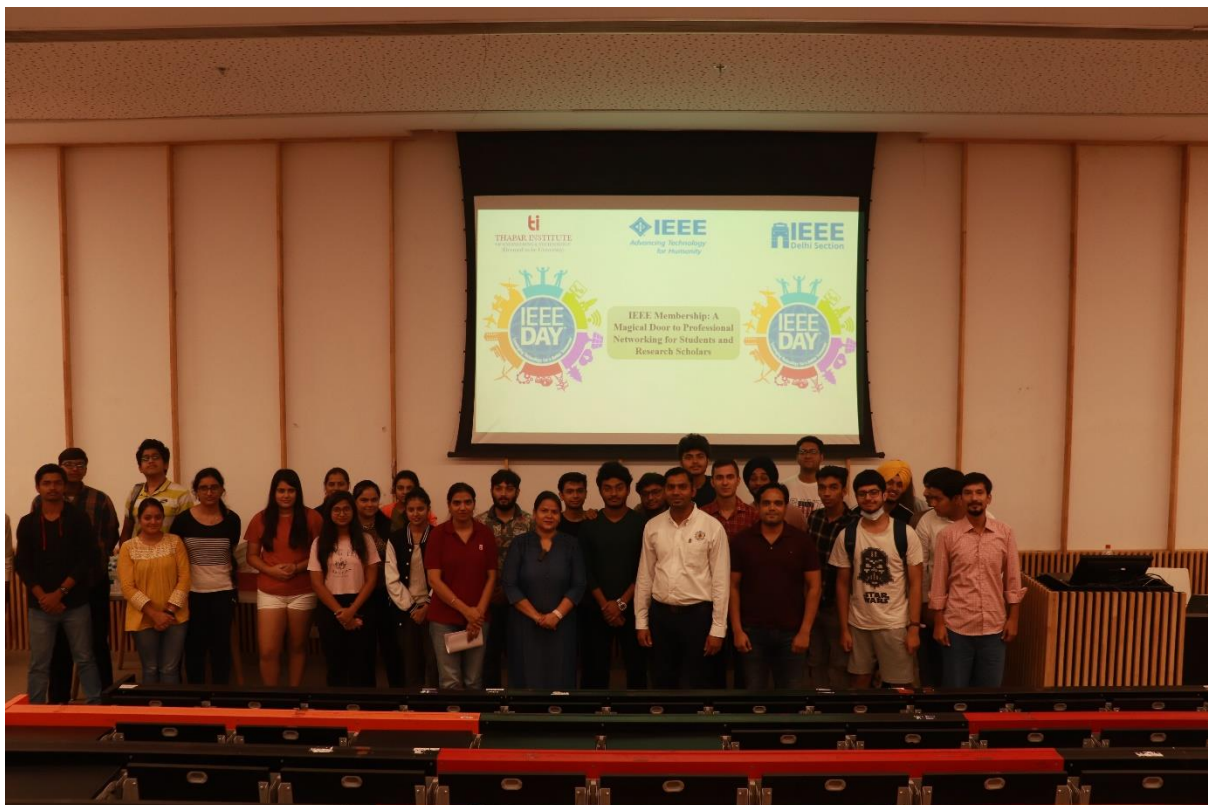
The talk covered the following topics:

1. Benefits of IEEE
2. Different Technical Societies of IEEE
3. Significance of IEEE Day.
4. Important Conferences with respect to different research areas.
5. Travel Grants Provision to attend IEEE conferences.
7. Some online coding competitions worldwide.
7. Volunteering Opportunities in IEEE.
8. Highlights of some reputed journals of IEEE for publications.

CONCLUSION:

Many students and faculty members attended the talk. More than 45 students and IEEE volunteers attended the event. The existing IEEE members were given *complimentary* IEEE PES and IEEE IAS Memberships. There was also the induction of newly joined members of IEEE.





SESSION 2020-21

FLUTTER BOOTCAMP

DATE: 13-17 APRIL, 2020

MODE: OFFLINE

FLUTTER BOOTCAMP:

From 13-17 January, the FIRST EVER Flutter Bootcamp of Thapar Institute of Engineering and Technology has been organized by the prestigious IEEE Society. This three-day event has led to the starting of a great legacy of Flutter development in Thapar Institute of Technology.

TECH TALK:

Many important topics like building UI, Firebase integration, API calls, App states, and more were covered in these three days. Moreover, Chatting was used to live code to provide hands on the students attending the workshop. More than 200 students from the college joined the workshop. The workshop was hosted by **Sidhant Goyal** (Third year) and **Shivam Goyal** (Second year).

CONCLUSION:

More than 200 brilliant students participated. The whole event was very well managed by the IEEE Core Members.



1 of 1



IEEE
THAPAR
STUDENT BRANCH

&



PRESENTS

FLUTTER!

APP DEVELOPMENT BOOTCAMP

Your first step towards the real development!

5-8PM | January 13-17, 2020
LT - 101, Learning Center, TIET



Scan me

Register

flutter.ieeethapar.com

Contact

Shivam Goyal

+91-90122-18994

Utkarsh Mishra

+91-62830-45953

Schedule

Day 1 - On-boarding

Day 2 - Building Beautiful UIs

Day 3 - Firebase Integration

Day 4 - APIs & App States

Day 5 - Diving Deeper

Takeaways

Certificates, Swags,

Goodies & learning

*Flutter BootCamp is completely Free of Cost.
No Prerequisites. Just you & your swag.

SESSION 2019-20

DATATHON

DATE: 15-16 October, 2019

MODE: OFFLINE

IEEE Datathon On October 15 and 16, 2019, the FIRST EVER Datathon of Thapar Institute of Engineering and Technology has been organized by the prestigious IEEE Society. This twenty-four-hour event has led to the starting of a great legacy of Datathon at Thapar Institute of Technology.

TECH TALK:

This event introduced the audience to the vast and extremely interesting topic of Machine Learning. And it was so fascinating for all of the young and aspiring data scientists to know and gather so much information about next-generation artificial intelligence. Datathon was hosted on the well-established platform "Kaggle". A prize money of 18K was there for young minds.

CONCLUSION

More than 120 brilliant students participated. The whole event was very well managed by the IEEE Core Member, **Manik Sharma**. He encouraged or it could be said that he inculcated the students with an instinct for the development of innovation in them.





IEEE CELEBRATION DAY

DATE: 9 OCTOBER, 2019

MODE: OFFLINE

IEEE Day Celebration on October 9, 2019, Thapar Institute of Engineering and Technology has celebrated IEEE Day in the presence of the Branch members and hundreds of Students. The inauguration of the event was done by our esteemed IEEE counselor **Dr. Ashima Singh**, followed by the most convincing talk on why to join the prestige society of IEEE through insight and working of it. Afterward, a Tech Talk about Blockchain was given by our guest **Mr. Parth Kuwar Singh**.

TECH TALK:

Mr. Path introduced the audience to the vast and extremely interesting topic of blockchain. He elaborated on the working of it and demonstrated the working of hashing algorithms. And it was so enthralling to know to gather so much information about Ethereum and Bitcoin. A hands-on coding session was also organized, which helped the audience to learn to code a simple blockchain.

CONCLUSION

The session was concluded by **Mr. Pulkit Chugh**, Student Chair, IEEE Student Branch T.I.E.T. He encouraged or it could be said that he inculcated the students with an instinct for the development of innovation in them.



TO MARK THE CELEBRATION
OF IEEE DAY WORLDWIDE
IEEE STUDENT BRACH, TIET
PRESENTS

BLOCKCHAIN WORKSHOP

9TH OCTOBER

3:00-4:00PM

LT-401

Speakers: Dr Ashima Singh
Mr Parth(B.E. Final year, TIET)



MOHAN ARORA
SIDHANT GOYAL

9953701549
9810910960

EXPERT TALK

DATE: 25 APRIL, 2019

MODE: OFFLINE

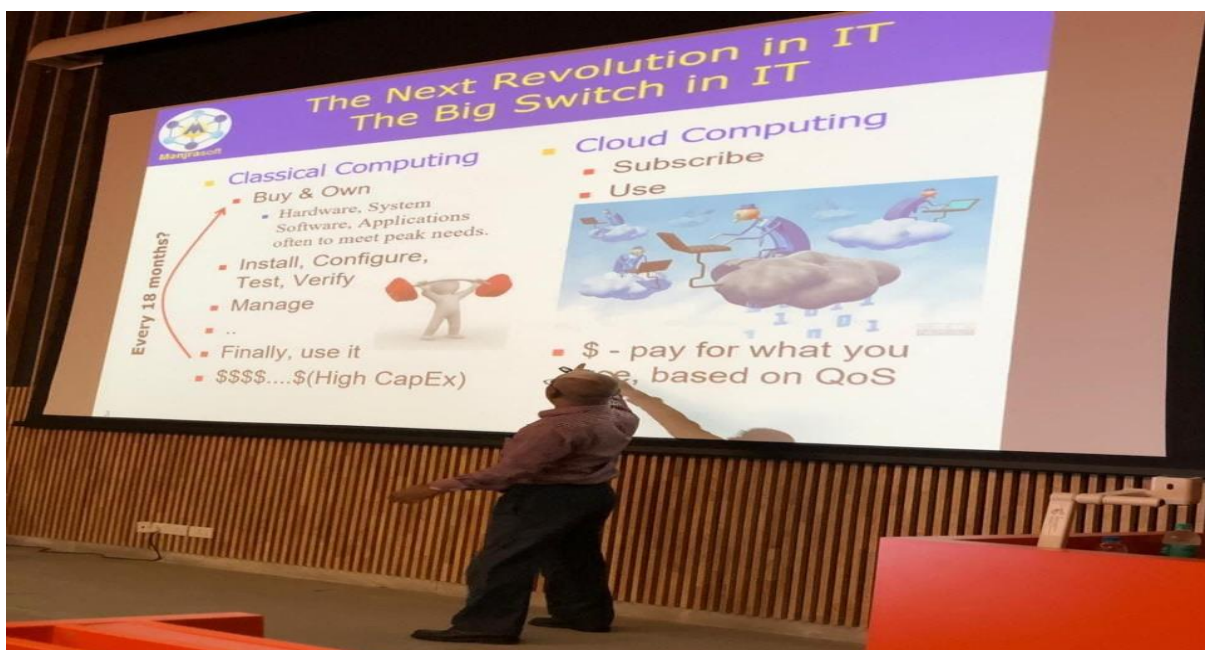
Expert Talk by **Rajkuymar Buyya** on April 25, 2019, Thapar Institute of Engineering and Technology has been greeted with the presence of Redmond Barry Distinguished Professor Rajkuymar Buyya. The inauguration of the event was done by our esteemed IEEE counselor Dr. Ashima Singh, followed by the most convincing talk on why to join the prestige society of IEEE through the insight and work of it. After that a Tech Talk about Cloud Computing which was so well received by hundreds of students.

TECH TALK:

Mr. Buyya introduced the audience to the vast and extremely interesting topic of cloud computing. He elaborated on the working of it along with the demonstration. And it was so fascinating to know and gather so much information about new frontiers in cloud and edge/fog computing for big data and IOT applications.

CONCLUSION

The session was concluded by Mr. Pulkit Chugh, Student Chair, IEEE Student Branch T.I.E.T. He encouraged or it could be said that he inculcated the students with an instinct for the development of innovation in them.





 **IEEE**

 **THAPAR INSTITUTE**
OF ENGINEERING & TECHNOLOGY
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IEEE STUDENT BRANCH TIET
&
COMPUTER SCIENCE AND ENGINEERING
DEPARTMENT, TIET
PRESENTS

EXPERT TALK

BY
DR. RAJKUMAR BUYYA

» Director CLOUDS Lab » University of Melbourne, Australia
» New Frontiers in Cloud and Edge/Fog Computing for Big Data &
Internet-of-Things Applications

25TH APRIL | LT-102 | 11-12PM

REGISTER AT:
bit.ly/ieecloudtalk

 **SIDHANT GOYAL**
9810910960

Attendance Record

| S.N. | Name | Roll No. | Branch | Year |
|------|----------------------|-----------|----------|------|
| 1 | Shresh Malhotra | 101706166 | ECE | 2 |
| 2 | Abhishek Gaur | 101886002 | ECE | 2 |
| 3 | Akshita | 101706020 | ECE | 2 |
| 4 | Apnimisha Chatterjee | 101706016 | ECE | 2 |
| 5 | Muskaan | 101856014 | ECE | 3 |
| 6 | Mehak | 101606091 | ECE | 3 |
| 7 | Siddharth | 101615109 | ENC | 3 |
| 8 | Naoman | 101615061 | ENC | 3 |
| 9 | Himanshu | 101803343 | COE | 1 |
| 10 | Abhishek | 101803254 | CHE | 1 |
| 11 | Kartik | 101803364 | BIO TECH | 1 |
| 12 | Vipul | 101803865 | MECH | 1 |
| 13 | Rishab Kumar | 201880035 | MCA | 2 |
| 14 | Vineet Kumar | 201880045 | MCA | 2 |
| 15 | Somya Patel Kaur | 101706138 | ECE | 2 |
| 16 | Anshu Kumar | 101806198 | ECE | 1 |
| 17 | Siddharth Subay | 101806197 | ECE | 1 |
| 18 | Rohit Bhatia | 101803203 | COE | 1 |
| 19 | Shourya Khanna | 101803429 | COE | 1 |
| 20 | Ritik Kansal | 101806064 | ECE | 1 |
| 21 | Rohan Gaur | 101806030 | ECE | 1 |
| 22 | Sauryam | 101803119 | ENC | 1 |
| 23 | Karan | 101886017 | ECE | 2 |
| 24 | Mamika Palwal | 101706097 | ECE | 2 |
| 25 | Rishabh Agarwal | 101815151 | ENC | 1 |
| 26 | Yogesh Gopal Patil | 101715154 | ENC | 2 |
| 27 | Abhishek Jain | 101805040 | FIC | 1 |
| 28 | Ashwin Goyal | 101803427 | COE | 1 |
| 29 | Kritin Grover | 101815098 | ENC | 1 |
| 30 | Shasankhadi Chaudha | 101818037 | ENC | 1 |
| 31 | Smita | 101803187 | COE | 1 |
| 32 | Kalpesh Singh | 101803186 | COE | 1 |
| 33 | Muskaan Muskan | 101803413 | COE | 1 |
| 34 | Harshita Gupta | 101815113 | COE | 1 |

PYTHON and ML WORKSHOP

DATE: 22-23 JANUARY, 2019

MODE: OFFLINE

Facebook Link: <https://www.facebook.com/ieee.thapar/>

SPEAKERS:

Dr. Ashima Singh
(Associate. Professor)

Pulkit Chugh
(B.E. COE 3rd year)

Anant Agarwal
(B.E. ENC 3rd year)

REPORT:

This event was organized with the motive of making the popular aspects of machine learning accessible to tech enthusiasts. Approximately one hundred and fifty students from all branches and batches attended the event enthusiastically. Students spared precious time from their busy schedules in the last week of the semester. The session started with an informative speech by Dr. Ashima Singh where she talked about IEEE and about its various aspects. In the latter session, a short and entertaining quiz was conducted.

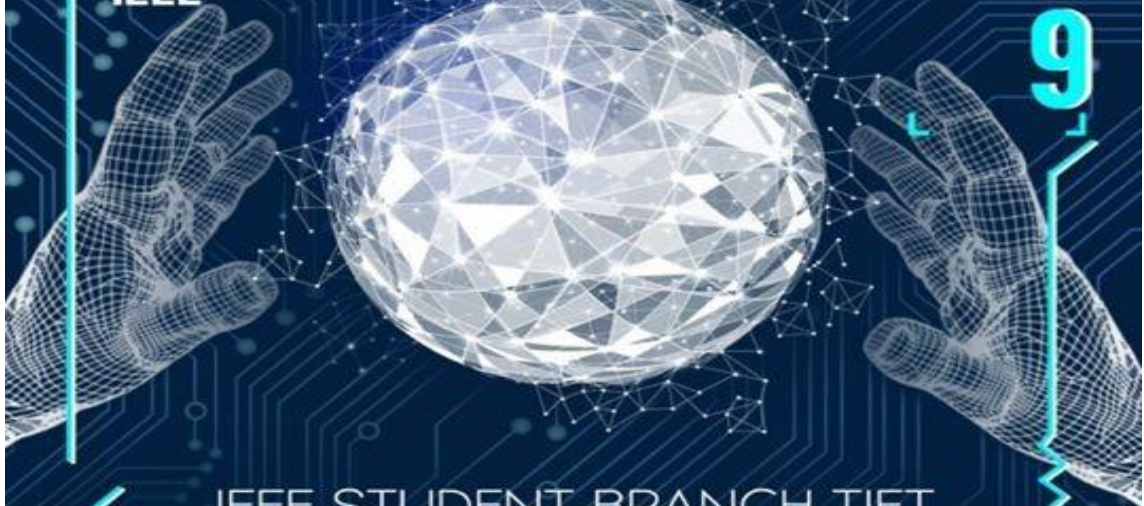
Pulkit Chugh then, started the main discussion of machine learning, giving the audience an overview. Meanwhile, VMWare and Jupyter notebooks were installed on the laptops of the participants by the tech support team.

Anant Agarwal discussed Convolutional Neural Networks. Students were taught basic Python. The next day face recognition algorithm was taught using Keras and tensor flow deep learning libraries. These data sets were derived from University of Toronto's database.

Poster Circulated:



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IEEE STUDENT BRANCH TIET
P R E S E N T S

◆ **PYTHON & ML**
W O R K S H O P

22-23TH JAN | 5:00PM-8:00PM
LP101

REGISTER AT:
BIT.LY/IEEEPYTHONML



Scan me



SIDHANT GOYAL
9810910960

WORKSHOP IS FREE OF COST
VMWARE SHOULD BE INSTALLED
ON THE SYSTEM

Attendance Record

| S.N. | Name | Roll No. | Branch | Year |
|------|-----------------|-----------|--------|------|
| 1 | Mohit | 101703347 | COE | 2nd |
| 2 | Mridul | 101703351 | COE | 2nd |
| 3 | Nitin | 101753024 | COE | 2nd |
| 4 | Kripesh | 101615061 | ENC | 3rd |
| 5 | Varinda | 101703606 | COE | 2nd |
| 6 | Yashita | 101703630 | COE | 2nd |
| 7 | Vasu Koul | 101703610 | COE | 2nd |
| 8 | Vivek Aggarwal | 801832033 | CSE | 1st |
| 9 | Gurpreet | 801832016 | CSE | 1st |
| 10 | Rohit mittal | 101803059 | COE | 1st |
| 11 | Abhinav Singh | 101808017 | Mech | 1st |
| 12 | Ishan Gupta | 101815016 | ENC | 1st |
| 13 | TANUJ KANSAL | 101803063 | COE | 1st |
| 14 | KARAN ALAGH | 101826017 | ECE | 2nd |
| 15 | Sahil Garg | 101706133 | ECE | 2nd |
| 16 | Ranjit Singh | 101703435 | COE 20 | 2nd |
| 17 | Chaman Kumar | 101703055 | COE 3 | 2nd |
| 18 | Aniket Gupta | 101703069 | COE 3 | 2nd |
| 19 | Bhavana Chhabra | 101715031 | ENC | 2nd |
| 20 | Piyush Aggarwal | 101802057 | COE | 2nd |
| 21 | Naman Mayal | 101883055 | COE | 2nd |
| 22 | Muskan | 101703354 | COE | 2nd |
| 23 | Makul Arora | 101715088 | ENC | 2nd |
| 24 | Vasu Kataria | 201700008 | MCA | 2nd |
| 25 | Pragya Gupta | 101715111 | ENC | 2nd |
| 26 | Shubam Mehta | 201700005 | MCA | 2nd |
| 27 | ANANYA KUMAR | 101703064 | COE | 2nd |
| 28 | Nitija Kanda | 101803377 | COE | 1st |
| 29 | NIKHIL KAUSHAL | 101803376 | COE | 1st |
| 30 | Ravneet Singh | 101803387 | COE | 1st |
| 31 | | | | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |