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VISION

"To be centre of excellence in education, research and technology transfer in the field of computer engineering and promote entrepreneurship and ethical values."

MISSION

To foster an open, multidisciplinary and highly collaborative research environment for producing world-class engineers capable of providing innovative solutions to real-life problems and fulfil societal needs.

HISTORY OF DEPARTMENT

The Computer Science and Engineering Department was established in the year 1999 under GGSIP University with an intake of 60 students. The intake was subsequently increased to 120 and at present has intake of 240 students. Department is committed to achieve excellence in technical education & research and assesses the success of its programs using the highest standards of quality. A group of well qualified, experienced and highly motivated faculty is engaged in providing quality education to the future computer engineer and prepare the students in wider field of Computer Engineering to take up challenging jobs in the area of Systems Software Development, Application Software Development and Computer Networking. Since its inception, the department has been the first choice of the students seeking admission in the private Engineering Institutes under GGSIP University. Graduates from the department are heavily recruited by both academia and industry, and ex-students of the department occupy top positions in both academia and industry all over the world.



FACULTY UPDATES

Faculty members pursuing

Ph.D.

- 1.Mr. Ajay Kumar Tiwari
- 2.Mr. Anupam Kumar
- 3.Mr. Ashish Sharma
- 4.Ms. Anubha
- 5.Ms. Deepti Gupta
6. Ms. Garima Gupta
- 7.Ms. Karuna Middha
- 8.Ms. Kavita Saxena
- 9.Ms. Mini Agarwal
- 10.Mr. Moolchand Sharma
- 11.Ms. Neetu Garg
- 12.Ms. Perna Sharma
- 13.Ms. Ruchi Goel
- 14.Ms. Shallu Juneja
- 15.Mr. Yogesh Sharma

The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education. We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry. Students of Computer Science and Engineering are placed with top IT companies. We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

Department of Computer Science & Engineering commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building. Department places emphasis on all the important aspects of computers such as Computer Networks, Mobile Communication, Algorithm Design, Operating System, Advanced Database Systems, Theory of Computation, Computer Graphics and many more. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, department pays special emphasis on teaching and hands on practical work. Students exhibit their innovative ideas, skills and potentials as final year projects and have won many awards at National and International levels.

DEPARTMENT
INTAKE
First Shift: 180
Second Shift: 60

NBA Accredited

Prof. Namita Gupta HOD CSE

GGSIPO RESULTS

4th Year Students Result till 6th Sem(2021-2022)

S.NO.	ROLL NO	NAME	PERCENTAGE
1	01814802719	Harshit Kathuria	97.1
2	35114802719	Geetika Jhanji	96.9
3	03514802719	Mayank Jain	96.3
4	07614802719	Shobhit Kumar	96.3
5	14114802719	Syeda Reeha Quasar	96.2
6	08614802719	Piyush Gupta	96.1
7	02314802719	Ashish Papanai	96
8	35814802719	Mili Jolly	96
9	35914802719	Sanskriti Bansal	95.9
10	35214802719	Aarushi Saxena	95.8
11	01396402719	Anshika Agrawal	95.8
12	05114802719	Neeraj Kumar	95.7
13	02714802719	Kashika Jain	95.5

3rd Year Students Result till 4th Sem(2021-2022)

S.NO.	ROLL NO	NAME	PERCENTAGE
1	20214802720	Taniya Sharma	97.1
2	03414802720	Atishay Jain	97
3	35114802720	Sanskriti Agarwal	96.9
4	35314802720	Vani Sharma	96.8
5	20414802720	Shefali Goyal	96.8
6	09114802720	Muskan Jain	96.8

2nd Year Students Result till 2nd Sem(2021-2022)

S.NO.	ROLL NO	NAME	PERCENTAGE
1	01014802721	Ansh Goyal	98.6
2	00214802721	Yash Gupta	97.8
3	01314802721	Arshdeep Singh	97.6
4	02114802721	Jatin Bhatt	97.4
5	11614802721	Rajat Kumar	97.4
6	02696402721	Varun Punia	97.4

PLACEMENTS (2019-2023) BATCH

S.No.	COMPANY	Total Students Placed
1	Abobe	1
2	Accenture	35
4	Adobe	1
5	Amazon	6
6	Biz2credit	3
7	Cardekho-Ruppy	8
8	Cognizant	33
9	Corevalue Technologies	6
10	Deloitte	7
11	DeltaX	1
12	Freecharge	1
13	FreeStand	1
14	Goldman Sachs	2
15	Google (intern)	1
16	Hexaware Technologies	6
17	Hono.ai	1
18	Hono.ai 2.0	1
19	Info Edge	5
20	Infosys	24
21	Infosys (InfyTQ)	10
22	InsuranceDekho	2
23	Intervue	1
24	IONTrading	1
25	Josh Technologies(Front-end)	2
26	Josh Technologies(software Developer)	1
27	Krishify	1
28	Kylo apps(intern)	2
29	Libsys	4
30	Lowe's India	2
31	Microsoft	2
32	Polestar Solutions	9
33	Posist Technologies	2
34	SHL	3
35	Sopra Banking	2
36	Sopra Steria	3
37	TCS	3
38	ZoomRX	4
39	ZS Associates	26



Prachi bansal
36614802719
Company: Microsoft
Package: 52 LPA



Aayushi Mittal
21114802719
Company: Adobe
Package: 40+ LPA



Vidushi Tyagi
36814802719
Company: Adobe
Package: 40+ LPA



Ashish Papanai
02314802719
Company: Amazon
Package: 32 LPA



Ria Monga
13514802719
Company: Intuit
Package: 30 LPA



Apoorv Dwivedi
01196402719
Company: Intervue
Package: 26 LPA



Megha Gupta
35414802719
Company: Goldman Sachs
Package: 24 LPA



Anshika Agrawal
01396402719
Company: Goldman Sachs
Package: 24 LPA



Disha Bhardwaj
35396402719
Company: Lowe's
Package: 18.3 LPA



Sahil chawla
05914802719
Company: Josh Technology Group
Package: 17.4 LPA



Harshit Mittal
06714802719
Company: Amazon
Package: 15.2 LPA



Udit Agarwal
12914802719
Company: Amazon
Package: 15 LPA



Ankit Goel
00296402719
Company: Josh Technology Group
Package: 14.75 LPA



Kunal Girdhar
01714802719
Company: ZS Associates
Package: 13.65 LPA



Kanaishk Garg
7714802719
Company: ZS Associates
Package: 13.65 LPA



Chaitanya Vishnu Bhatt
12514802719
Company: ZS Associates
Package: 13.65 LPA

TOP PLACEMENTS (2019-2023) BATCH

S.NO.	NAME OF STUDENT (ROLL NO.)	ORG./COMPANY NAME	PACKAGE (in LPA)
1	Prachi bansal 36614802719	Microsoft	52
2	Vidushi Tyagi 36814802719	Adobe	40+
3	Aayushi Mittal 21114802719	Adobe	40+
4	Ashish Papanai 02314802719	Amazon	32
5	Ria Monga 13514802719	Intuit	30
6	Apoorv Dwivedi 01196402719	Intervue	26
7	Anshika Agrawal 01396402719	Goldman Sachs	24
8	Megha Gupta 35414802719	Goldman Sachs	24
9	Disha Bhardwaj 35396402719	Lowe's	18.36
10	Sahil chawla 05914802719	Josh Technology Group	17.4
11	Harshit Mittal 06714802719	Amazon	15.2
12	Udit Agarwal 12914802719	Amazon	15
13	Ankit Goel 00296402719	Josh Technology Group	14.75
14	Kunal Girdhar 01714802719	ZS Associates	13.65
15	Akshit Mehra 02914802719	ZS Associates	13.65
16	Chaitanya Vishnu Bhatt 12514802719	ZS Associates	13.65
17	Kanaishk Garg 7714802719	ZS Associates	13.65
18	Kanishk Bhadauria 1214802719	ZS Associates	13.65
19	Manan Sahni 1014802719	ZS Associates	13.65

20	Nikhil Jha 3414802719	ZS Associates	13.65
21	Saurav raj 7514802719	ZS Associates	13.65
22	Shubhang Sharma 36714802719	ZS Associates	13.65
23	Trijal Bhardwaj 12614802719	ZS Associates	13.65
24	Chirag Shangle 1614802719	ZS Associates	13.65
25	Shrey Bishnoi 12014802719	ZS Associates	13.65
26	Shrishty Jain 1914802719	ZS Associates	13.65
27	Abhishek Jain 10714802719	ZS Associates	13.65
28	Ankit Kumar Verma 1596402719	ZS Associates	13.65
29	Aparna Jha 3914802719	ZS Associates	13.65
30	Gaurav Chhapliyal 1514802719	ZS Associates	13.65
31	Kashika Jain 2714802719	ZS Associates	13.65
32	Prakhar Sharma 4114802719	ZS Associates	13.65
33	Tarun Kumar 13614802719	ZS Associates	13.65
34	Kriti Mukhija 35314802719	ZS Associates	13.65
35	Amrita Pandey 20814802719	ZS Associates	13.65
36	Gaurav Gulati 11214802719	ZS Associates	13.65
37	Mayank Parashar 11614802719	ZS Associates	13.65
38	Anvi Aggarwal 41996402718	ZS Associates	13.65
39	Saksham Sharma 10914802719	ZS Associates	13.65
40	Dakshay Sachdeva 3214802719	Amazon	13

BUDDING ENTREPRENEURS

S.NO.	NAME OF STUDENT (ROLL NO.)	ORGANISATION NAME	ORGANIZATION DETAILS
1	Jagmohan rai 00614807219	Autocure Technologies Private Limited	Daily based Car Cleaning Services
2	Himanshu Goyal 20714802718	ENGDOC NEETJEE EDUSERV Private Limited	Non-govt company (Private)
3	Yash Gupta 42014802718	Plutus Sales	E-Commerce
4	Utkarsh Srivastava 03396402718	Hackstrap Technologies Private Limited	Company limited by Shares



Jagmohan rai
00614807219

Autocure Technologies
Private Limited



Himanshu Goyal
20714802718

ENGDOC NEETJEE
EDUSERV Private Limited



Yash Gupta
42014802718

Plutus Sales



Utkarsh Srivastava
03396402718

Hackstrap Technologies
Private Limited

STUDENTS PURSUING HIGHER EDUCATION

S.NO.	NAME OF STUDENT (ROLL NO.)	NAME OF COURSE	UNIVERSITY	PLACE
1	Tanya Goel 36614802718	MS in Computer Science	Stevens Institute of Technology	Hoboken, New Jersey, US
2	Ishaan Kalra 35414802718	Masters of Engineering	Memaster University	Canada
3	Harshita Chadha 35314802718	Masters of Science in Computer Science	The George Washington University	Washington D.C.,USA
4	Yashika Khurana 36814802718	Masters of Science in Computer Science	John Hopkins University or NYU	United States
5	Sidhharth Seth 9914802718	MBA	Symbiosis International University	Bath, Somerset, United Kingdom
6	Rishaabh Mittal 35596402718	Msc Finance	University of Bath	Pune
7	Tanya Batra 42614802718	Masters of Engineering Management	Cornell/Carnegie Mellon/Duke/Schulich School of Business	USA/USA/USA/ Canada

Ideathon



TechCom-MAIT

TechCom the official technical society of department of Computer Science & Engineering, MAIT, in collaboration with IIC MAIT, organized Ideathon to celebrated National Innovation Day (15 October) on 14th November 2022. Event took place in room no. 131 & 132 from 11:00 AM onwards where all the registered teams presented their IDEAS through the ppt. All the participants registered themselves for the event on the Devfolio platform.

There were around 16 team registrations in total. Around 12 teams including 45 Participants reached the venue for the event 15 min before the event started.

Event was judged by Prof. Namita Gupta(HOD, CSE), Ms. Deepti Gupta(Faculty Co-Ordinator, TechCOM), Ms. Karuna Middha(Faculty Co-Ordinator, TechCOM) and Mr. Prakhar Sharma (President, TechCOM).

Participants presented their innovative ideas with a great zeal. Finally, the result was declared by Mr. Prakhar Sharma, (President, TechCOM)

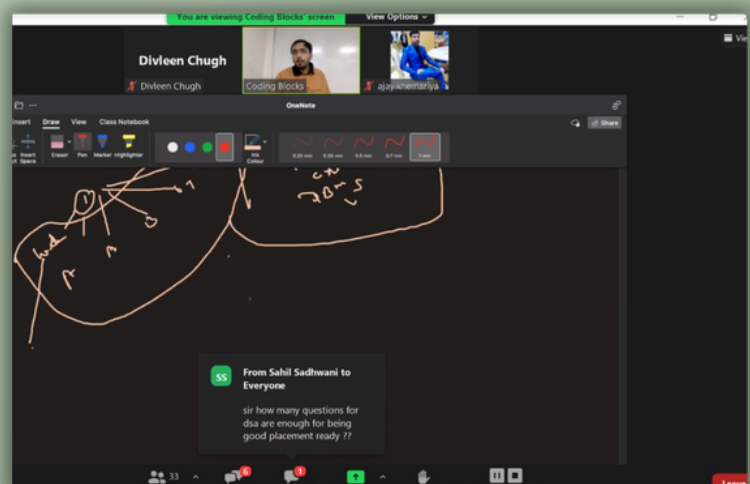
“WEB-I-ON 2022”

TechCom, organised a website development competition “WEB-I-ON” in collaboration with Coding Blocks and Geek-for-Geeks. Participants need to design a website individually or in a team of two members.



Codechef Chapter MAIT

A lot of webinars have been organized by Codechef MAIT in association with the companies such as Coding Blocks, Coding Ninjas with the Industry's best mentors and learning models. Webinars on topics such as DSA, competitive coding, and many others have been organized. Apart from being informative and educative, these webinars also provided participants with discounts such as 25% off their courses.

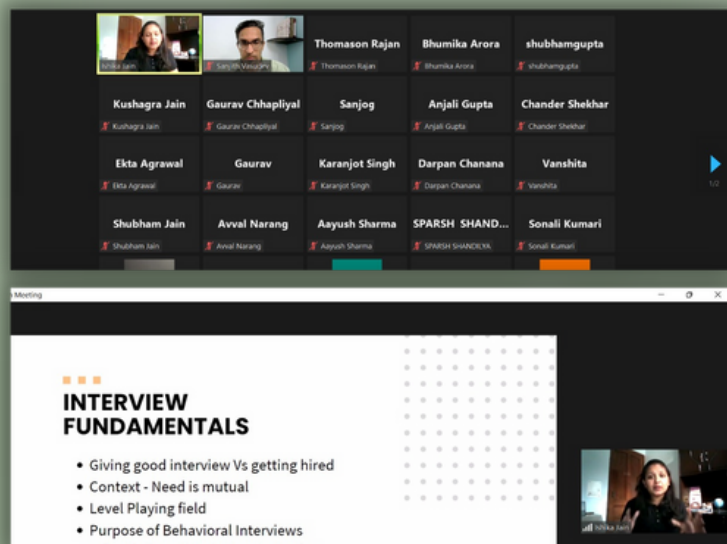


Code It



where they can easily practice trending DSA problems. He talked in detail about internships, and what participating companies look for in their candidates. Continually, he stressed on consistency and the power of self-learning. Furthermore, he talked about multiple career choices and tech stacks available; including Competitive Programming, Open Source, Web and Full-stack Development.

A notable feature about the seminar was Kartik's friendly way of explaining things with the use of memes from famous movies and TV shows. Finally, he engaged the students in a QnA round, answering their queries and motivating them further. He highlighted how collaboration is another important skill to have in the IT sector.



IOSD-MAIT

17 NOVEMBER, 2022. IOSD MAIT organized an informative session on Data Structures and Algorithms chaired by Kartik Mathur, fellow IT enthusiast and the co-founder of Coding Blocks. The session was conducted in the college mini auditorium, with more than 350 active registrations. The entire event was also being live streamed to students throughout the college.

Mr. Kartik Mathur started the session with interactive puzzles, explaining how the skill of optimal thinking is imperative in today's competitive world. He continuously stressed on the power of positive thinking and urged the students to leave behind their focus on branch and college distinction. He talked about procrastination and its demotivating impact on the human mind. He introduced the beginning blocks of the DSA journey through a well-structured playlist, and provided articles for the same.

He provided the students with a platform, namely HackerBlocks.



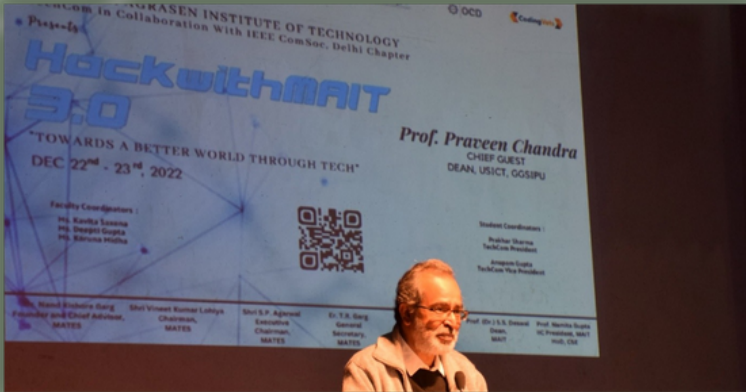
Kickstart Event

On 13 September 2022 event started with introduction of speaker and Script "My Career". Session continued with the topics "Why resume is important", "What mistakes we do while preparing resume"

Ishika Jain, a young professional working in company, Script My Career as Career Scripter. She is into training and development field and has given several workshops to students as well as corporate professionals on topics like career management, getting back to work after career break, how to kickstart your career in an efficient way and some other topics like public speaking and voice modulation and how to start a podcast.

Hack-with-MAIT 3.0

TechCOM the official technical society of department of Computer Science & Engineering, MAIT, in collaboration with IEEE ComSoc Delhi chapter, organized HackwithMAIT 3.0 on 22nd – 23rd December, 2022. Hackwith MAIT is an annual Hackathon which is organized annually under the guidance of Prof. (Dr) Neelam Sharma(Dircetor, MAIT), Prof. (Dr.) S S Deswal (Dean, MAIT) and Prof. Namita Gupta (HOD, CSE). Shri. Nand Kishore Garg (Founder Chairman, MAIT) has always been a source of inspiration for organizing these Hackathon in MAIT campus. HackwithMAIT 3.0 was the third annual hackathon which provided a platform for students to showcase their skills and collaborate on ideas that could benefit the society. More than 100 team registrations were made out of which 85 teams (300+ students) from 19 different colleges were shortlisted out for participating in the event. The event as successfully completed by the Inaugural ceremony of HackwithMAIT 3.0 was on 22nd December in the main auditorium MAIT.



The Chief Guest for the inaugural ceremony Prof. Pravin Chandra, Dean USICT, GGSIPU enlightened the audience with his inspirational and motivational words. Audience was addresses by the kind and motivational words by Shri. Vineet Lohia, Chairman MAITES and Prof. (Dr.) Neelam Sharma, Director, MAIT.

After the inaugural ceremony students showed their innovations in the following tracks: - Healthcare, Web 3, Open Innovation, Sustainable Development, Fintech, Communication. The students worked in teams on their original innovative ideas to develop prototypes.

The teams were guided by the mentors Mr. Abhishek Bhatt (Flutter developer| Smart India Hackathon- 2022 Finalist), Mr. Aditya Jha(ML + Devrel Intern | Smart India Hackathon- 2022 winner | Google Crowdsourcse Explore ML facilitator), Mr. Ankit Goel(Full Stack Developer | Smart India Hackathon- 2022 Winner), Mr. Arpit Das (Ex-intern Microsoft | Harvard WECODE Scholar 2022 | Gold MLSA | VIT 2023), Mr. Apoorv Dwivedi (MLH Fellow Summer '22 at Solana Labs | Smart India Hackathon 2022 Winner| UNESCO INDIA AFRICA HACKATHON 2022 Winner), Ms. Deekshita(Offered SWE at Google), Ms. Khushboo(Building at Superwomen DAO | Youtuber | Ex - Microsoft, Amaze.Org | Smart India Hackathon 2022 Finalist | Google WTEF Scholar | Beta MLSA). Mr. Prakhar Sharma (Smart India Hackathon- 2022 Winner | Full Stack Developer | Mentor and Judge BluePrint 2022 by HackMIT)





Ms Garima Gupta (Faculty Coordinator - MAIT IOSD Student Chapter), Dr Ankita Gupta (Faculty Coordinator - MAIT CodeChef Student Chapter), Ms Prerna Sharma (Faculty Coordinator - MAIT Google Developer Student Clubs MAIT), Mr Moolchand Sharma (Senior Member IEEE, CSE Dept). Participants presented their innovative work with a great zeal. Finally, the result was declared by Prof. (Dr). S S Deswal, Dean MAIT on 23rd December 2022.

The entire event is organised by MAIT in association with IEEEComSOC Delhi Chapter. Winners of hackathon will be awarded a cash prize of Rs 10k, 8k, 5k to 1st, 2nd and 3rd rankers respectively and winners among the girls team will be awarded additional Rs 10k.



After the guidance and mentoring by the mentors the teams were judged by our esteemed judges Prof. Namita Gupta (HoD CSE and MAIT IIC President), Prof. M L Sharma (Hod, IT), Dr. Pooja Gupta (Hod, CST), Dr Vinay Saini (HoD, AI DS and Faculty Coordinator - MAIT CSI Student Branch), Dr Javed Ahmed (MAIT NBA and ARIIA Faculty Coordinator, ECE Dept), Dr Monica Gupta (Faculty Coordinator - IEEE MAIT Delhi Student Chapter, EEE Dept), Mr. Alok Sharma (MAIT IIC Convenor, CSE Dept).

Dr. Deepak Gupta (Treasurer of IEEE ComSoc Delhi Chapter, Senior Member IEEE, CSE Dept), Dr Nitin Sharma (Faculty Coordinator - MAIT Delhi & SMC ISTE Delhi Section, ECE Dept), Dr. Ashish Khanna (Senior Member IEEE, CSE Dept), Ms. Nidhi Sengar (Faculty Coordinator - MAIT IIC (Startup)), Ms. Ruchi Goel (Faculty Coordinator - MAIT IIC (IPR)), Dr Divya Goyal (Faculty Coordinator - MAIT IIC (Internship)), Ms Nisha Aggarwal (Faculty Coordinator - MAIT IIC (Innovation)),



International Symposium

Department of Computer Science and Engineering, MAIT in association with National Institute of Technology Delhi and IEEE ComSoc Delhi Chapter organised ``International Symposium`` under the theme of “Smart Cities Challenges, Technologies and Trends” on 4th November 2022 at Maharaja Agrasen Institute of Technology, Delhi.

The Symposium aimed to bring a deeper understanding of the latest trends and challenges in Smart Cities technology and how to work together to build cost-effective solutions to problems faced by people in cities and metros.

The primary goal of this Symposium was to create awareness about the future prospects of Smart Cities. The event served as a platform to exchange ideas and thoughts in an international prospect. The event provided a forum for those interested in smart cities to listen, learn, present, and discuss cutting-edge knowledge, research, strategies, and success stories.

65 papers were submitted across the globe and based on the review outcomes 22 papers were shortlisted to be presented in the symposium. All the submitted/accepted/presented papers in SCCTT-2022 will be submitted to be published in Scopus Indexed Book/ Journals.

List of Journals: Frontiers in Big Data (ESCI, Scopus) Special issue on Smart Cities Challenges, Technologies and Trends, Intelligent Decision Technologies (ESCI, Scopus)

List of Books: Explainable Machine Learning for Multimedia Based Healthcare Applications (Springer), HYBRID E-HEALTH INTELLIGENCE (DeGruyter).



International Symposium

Symposium was organised in Hybrid Mode with 13 Papers were presented in Online Track and 9 Papers in Offline Track. Online Track Session was chaired by Dr Deepak Sharma, Associate Professor, IGDTUW and Mr. Anupam Kumar, Assistant Professor, MAIT. Offline Track Session was Chaired by Dr. Anmol Rattan Saxena, Associate Professor, NIT Delhi and Dr. Ashish Khanna, Associate Professor, MAIT.

During the inauguration, Dr.Nand Kishore Garg (Founder Chairman and Chief Advisor, MATES) emphasized the need for organizing International Symposium. Prof. Neelam Sharma (Director, MAIT), Prof. Namita Gupta (HoD CSE ,General Chair) welcomed all the participants who have come to share current developments in the field of Smart Cities and its related aspects. Prof. Ajay Kumar Sharma (Director, NIT Delhi) was the Chief Guest, Prof Rachana Garg from DTU who is also Chair of IEEE Delhi Section was Keynote Speaker, Prof. Brahmjit Singh from NIT Kurukshetra and Vice Chair IEEE ComSoc Delhi Chapter spoke about latest developments in Smart Cities, Invited Speakers Mr, C B Arun Kumar, Academic Director, EDGE by Pearl Academy discussed about Building Digital Twins and Metaverse with Unreal Engine, Dr. S.K. Agarwal, Head of AI, Sony India highlighted Metaverse SmartCities with AI.In the end Dr. Anurag Singh (Associate Professor, NIT Delhi and General Chair SCCTT 2022) was given by vote of thanks.

In the evening Session , Special Address was given by Ms. Diana Nicutari, Journal Specialist, Frontiers in Artificial Intelligence and Big Data followed by Certificate Distribution Ceremony.

The entire event is sponsored by: Frontiers Journal, EDGE by Pearl Academy and IEEE ComSoc Delhi Chapter (Financial Partners), Ministry of Housing and Urban Affairs, Ministry of Electronics and Information Technology and Indian Society for Technical Education (ISTE) (Technical Partners) and National Institute of Technology Delhi (Academic Partner).



STUDENT ACHIEVEMENTS

Enrolment number	Name of the Student	Type of event	Name of the event	Prize Amount /Position	Date of event	Place of event
04896402721	Shivi Mishra	Cultural	Zen Art(IIT D)	1000	4/27/2022	IIT Delhi (Rendezvous'22)
04896402721	Shivi Mishra	Cultural	Yoga awareness among the youth(poster making)	3100	5/10/2022	MAIT
05414802721	Kunal Baghel	Cultural	InfoXpression 2022-23	2	11/18/2022	USICT ,GGSIPU
04896402721	Shivi Mishra	Cultural	Graffiti art	2	10/20/2022	SGGSCC, Delhi
04896402721	Shivi Mishra	Cultural	Tattoo making	1	10/17/2022	Rajdhani college, Delhi University
00214802720	Aakash Mishra	Cultural	Essay Writing Competition on " My vision for india in 2047"	3100	10/4/2022	MAIT
5914802721	Rakesh Kumar	Cultural	My Vision For India 2047	3100	04/10/2022	MAIT
1014807221	Abhishek Kumar	Cultural	My Vision For India 2047	1100	04/10/2022	MAIT
1014802721	Ansh Goyal	Cultural	My Vision For India 2047	1100	04/10/2022	MAIT
21714802721	Vivek Kaushal	Cultural	My Vision For India 2047	1100	04/10/2022	MAIT
2514802720	Arpit Goyal	Cultural	E-Poster Making Competition on Engineer's Day	1500	15/09/2022	MAIT
35214807221	Vijay Sahoo	Academic	Smart India Hackhathon 2022	100000	8/26/2022	kongu engineering College , Erode , Tamil Nadu
05314802720	Gurmeet Singh	Academic	HactoberFest 2022	1	12/29/2022	Virtual
41996402718	Anvi Aggarwal	Academic	Tech4Seva	3	8/22/2023	IIT Delhi
05914802721	Rakesh Kumar	Sports	GGSIPU 17th Inter Collegiate Kabaddi Tournament 2022	1	12/16/2022	GGSIPU Main campus

STUDENT ACHIEVEMENTS

Enrollment number	Name of the student	Name of the event	Level	Date of event	Prize/ Position
35314802720	Vani Sharma	Smart India hackathon 2022	National	8/25/2022	Winner Amount 100000
08714802721	Devansh Rastogi	Tricky Circuits by IEEE	Intra College	10/14/2022	IInd
35596402720	Sshubam Verma	FSM Internship closing ceremony IID	National	10/12/2022	Best Internship Project Award in ML Amount 5000
04014802719	Shitiz Aggarwal	Tech For Seva (Unnat Bharat Abhiyan)	State	8/22/2022	Third Prize Amount Rs 5000
04014802719	Shitiz Aggarwal	Smart India hackathon 2022	National	8/25/2022	First Prize
04014802719	Shitiz Aggarwal	Tezasia	International	8/18/2022	First Prize Amount 1200000
03314802721	Vaibhav bhalla	Code gladiators	National	7/24/2022	Rank-947, Gift voucher Rs 500
35214807221	Vijay Sahoo	Smart India hackathon 2022	National	10/26/2022	1st/1 Lakh
12614802719	Trijal Bhardwaj	SIH 22 Grand Finale	National	8/26/2022	Finalist (Top 6)
00796407220	Piyush Dhall	Hack The Mountains 3.0	National	9/17/2022	LightHouse Track Winner
01114807220	Riya Sharma	Smart India hackathon 2022	National	8/24/2022	Winner Prize 100000
02714802721	Saksham Singh	HackwithMAIT3.0	Inter	12/21/2022	Among Top 10
35214807221	Vijay Sahoo	Smart India hackathon 2022	National	8/26/2022	First / 1lakh prize
13214802720	Sourav Aggarwal	GDSC MAIT	State	8/30/2022	Technical Head
20714812721	Gaurika Gupta	HackwithMAIT 3.0	Inter Level	1/23/2023	First Prize Amount 10000
10814802720	Rik Dutt	IICC(Innovate India Coding Championship)	National	8/12/2022	AIR 43 Amount 5000
08714802721	Devansh Rastogi	Tricky Circuits by IEEE MAIT	Intra	10/14/2022	2nd Prize Amount 1000
05314802720	Gurmeet Singh	Striver SDE Sheet Challenge	National	8/31/2023	Smart Watch Amount 1500
01114807220	Riya Sharma	Smart India Hackathon	National	8/24/2022	Winner Amount 100000
11614802721	Rajat Kumar	HackWithMAIT3.0	Intra	12/23/2022	1st Position Amount 10000
00796407220	Piyush Dhall	Hack The Mountains 3.0	All India level, 400 teams	9/17/2022	Lighthouse Track winner amount 35000

STUDENT ACHIEVEMENTS

- Shitiz Aggarwal (Roll No: 04014802719) & Team from 2023 Batch won global hackathon named Tezasia hosted by Tezos, among 11,000+ participants. They won 15,000 USD. They built an NFT platform with multi asset swap and trading options.
- Md. Tashhirul Islam (Roll No: 00696407220) & Team from 2023 Batch won Hackwith Infy 2022 with 2 Lakh Prize and Pre-Placement Offer.
- Ishaan Dhull (Enrollment Number - 00214802719) received Covid warrior Certificate from Aam Aadmi Party for his outstanding selfless contribution towards Delhi's population during nationwide lockdown during the Covid pandemic.



UNESCO India Africa Hackathon 2022

CONGRATULATES Winners of UNESCO INDIA AFRICA HACKATHON 2022 PRIZE : Rs. 3 Lac (each team)							
TEAM NAME UNKNOWN	TEAM NAME CodeLunatics	TEAM NAME Unstoppables	TEAM NAME Rudram				
TEAM LEADER Apoorva Dwivedi	TEAM LEADER Indrakant Dana	TEAM LEADER Ashish Papanai	TEAM LEADER Utkarsh Gupta				
ENROLLMENT NUMBER 01196402719	ENROLLMENT NUMBER 02514802719	ENROLLMENT NUMBER 02514802719	ENROLLMENT NUMBER 02414802819				
BRANCH CSE	BRANCH CSE	BRANCH CSE	BRANCH ECE				
Dr. Nand Kishore Garg Founder and Chief Advisor, MAIT	Shri Vineet Kumar Lohiya Chairman, MATES	Shri S.P. Agarwal, Retd. IAS Executive Chairman, MAIT	Dr. T.R. Garg General Secretary, MAIT	Prof. (Dr.) Neelam Sharma Director, MAIT	Prof. (Dr.) S.S. Deswal Dean (Academics), MAIT	Prof. Namita Gupta MAIT SIH SPOC HOD, CSE	



Nine students were shortlisted by the Smart India Hackathon Team (SIH) team to participate in the UNESCO India Africa Hackathon 2022, to be held from 22-25 November 2022, at Gautam Buddha University, Greater Noida, Uttar Pradesh. Around 400 and above students from 22 African countries and around 200 students from India participated in this hackathon. Students from Maharaja Agrasen Institute of Technology, Delhi collaborated with their African counterparts by forming teams of three Indian and three African students determined by SIH. Four teams with MAIT students as team leaders won the hackathon.

Apoorva Dwivedi (CSE), Indrakant Dana (CSE), Ashish Papanai (CSE), Utkarsh Gupta (ECE) won three lakh rupees (INR) each and prize was awarded by Hon'ble Vice President of India Mr. Jagdeep Dhankhar and Education Minister of India Dharmendra Pradhan.

Unnat Bharat Abhiyan

As India is celebrating its 75th year of Independence to commemorate the glorious history of its people, culture and achievements. The Government of India initiated “Azadi Ka Amrit Mahotsav ” with a vision to build a new Atmanirbhar Bharat. This Mahotsav is dedicated to the people of India who have been instrumental in bringing India this far in its evolutionary journey. Unnat Bharat Abhiyan (UBA) has been also contributing in its own way towards the goal of Atmanirbhar Bharat. In line with its vision, IIT Delhi, the National Co-ordinating Institute (NCI) and IIT Delhi (RCI) organized a “Tech4Seva” event at regional level- Technology on 5th August 2022 for the greater good of the society at large.

The event started at 10:30 AM at Mahatma Gandhi Gramodaya Parisar, IIT Delhi. In this Techno based event students from various domains participated and showed an easy and effective approach to various technologies we use in our daily life for the betterment of the society. Five themes were decided for this event namely,


1. Sustainable Agricultural Systems
2. Water Resource Management
3. Rural Energy Systems
4. Basic Amenities (Infrastructure & Services)
5. Artisans, Industries & Livelihood



Anvi Aggarwal, Shitiz Aggarwal and Sambhav Aggarwal, students of CSE Department under the guidance of Prof. Namita Gupta, Mr. Ashish Sharma, Dr. Farzil Kidwai, Mr. Yogesh Sharma and Dr. Sandeep Tayal were Second Runner-up in the event. Large number of teams across North India submitted their idea on the portal and shortlisted teams were invited for final round on 5th Aug 2022 at IIT Delhi.

Team from CSE Department, MAIT proposed the idea of a Landslide Detection Framework utilizing different image recognition algorithms. The machine learning model is trained to detect the landmass falling off the mountains and to interpret if it is a threat based on its frequency in the consecutive images. It further generates an alert to warn people of the anticipated landslide.

The contest was evaluated by many experts from varied domains of Robotics, Machine Learning, IoT, and Communications. The results were declared on the auspicious occasion of 15 August 2022, where our team came up as the second runner-up and qualified for the nationals.



UNNAT BHARAT ABHIYAN

A Flagship program of Ministry of Education, GoI

शिक्षित भारत - सक्षम भारत - स्वच्छ भारत - आत्मनिर्भर भारत - संपन्न भारत

Regional Coordinating Institute, IIT Delhi

ORGANISED

Tech4Seva

Technology Outreach as Enabler for Inclusive and Sustainable India

on 5th August 2022 at Indian Institute of Technology Delhi

Regional Tech4Seva Result - Delhi & NCR by Regional Coordinating Institute, IIT Delhi

S. No.	Title of Technology	Institute Name	Rank
1.	Compressed Biogas Operated Two Wheeler	CRDT, IIT Delhi	First
2.	Sheep hair shearing device	RuTAG, IIT Delhi	First
3.	Domestic Bio Gas Plant	Indira Gandhi University Meerpur, Rewari Haryana	Second
4.	Landslide Detection System	Maharaja Agrasen Institute of Technology (MAIT)	Third

Industrial Visit

Department of Computer Science and Engineering, MAIT organized a One day Industrial Visit for Students of the CSE Department to Network Bulls, Gurugram, Haryana on 21st December 2022. Faculty members, Ms. Zameer Fatima, Mr. Ajay Tiwari, and Mr. Anupam Kumar, Assistant Professors CSE Department visited the site along with 42 students. Students learned about the in-depth architecture of Cisco networking and how networks work in the industry. A hands-on session was also conducted in the laboratory where students worked on CISCO PACKET TRACER and designed a basic LAN network using router, switches, access points, and devices. The workshop was very interactive and students showed a lot of interest in learning about basics of networking.

India Mobile Congress 2022

India Mobile Congress (IMC) under the Company Mob iPro Innovation Pvt. Ltd. is the largest telecom, media, and technology forum in Asia, jointly organized by the Department of Telecommunications (DoT) and Cellular Operators Association of India (COAI). IMC has, since its inception, established itself as a leading forum for bringing together industry, government, academia, and other ecosystem players to discuss, deliberate, demonstrate, and display the latest in the world of mobile. India Mobile Congress 2022 is being organised on 1st, 2nd, 3rd & 4th October, 2022 and inaugurated by the Hon'ble Prime Minister of India, Shri Narendra Modi at Pragati Maidan, Delhi. This event was attended by around 50 students of CSE department along with Dr Sudha Narang, Ms. Savita Sharma and Mr. Saurabh Rastogi as Faculty coordinators on 3rd October, 2022. The students were fascinated by different stalls of 5G gaming and Virtual Reality.

Student Induction Program

Students come with diverse thoughts, backgrounds and preparations. It is important to assist them adjust in the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. Keeping the above thought in mind CSE Department, MAIT conducted induction program for the second year CSE students on 12 and 13 September 2022 before the commencement of normal classes. The Induction Program was aimed to make these students feel comfortable, sensitize them towards exploring their academic interests and activities, reducing competition and inspire them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, building character.



Different satellite-based agriculture information systems displayed the drought conditions in the marked area. The logic of 5G speed was impressive and learnt a lot about the pros and cons of launching of global 5G mobile in 2023. The overall experience was very informative.



FACULTY ACHIEVEMENTS

Sudha Narang completed Ph.D in “ An Efficient Resource Allocation Load Balancing Approach for Cloud Environment”, SRM University, Sonepat in 2022.



FACULTY BOOKS & BOOKS CHAPTERS

FACULTY NAME	CHAPTER TITLE/ BOOK TITLE	ISBN	DATE OF PUBLISHING
Deepak Gupta	Role of Explainable Edge AI to Resolve Real Time Problem	978-3-031-18292-1	Sept 2022
Deepak Gupta	Trust Model Based Data Fusion in Explainable Artificial Intelligence for Edge Computing Using Secure Sequential Discriminant Auto Encoder with Lightweight Optimization Algorithm	978-3-031-18292-1	Sept 2022

FACULTY RESEARCH PUBLICATIONS IN INTERNATIONAL CONFERENCES

S.NO.	FACULTY NAME	RESEARCH PAPER TITLE	NAME OF THE CONFERENCE	DATE OF PUBLISHING
1	Moolchand Sharma	Comparative Study of Enhanced Round Robin Algorithms with Drrha and other Meta Heuristic Algorithms	International Conference on Innovative Computing and Communications (ICICC2022)	Sept 2022
2	Deepak Gupta	Comparative Study of Enhanced Round Robin Algorithms with Drrha and other Meta Heuristic Algorithms	International Conference on Innovative Computing and Communications (ICICC2022)	Sept 2022
3	Deepak Gupta	Multimodal Sentiment Analysis using Speech Signals with Machine Learning Techniques	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022
4	Ashish Khanna	Multimodal Sentiment Analysis using Speech Signals with Machine Learning Techniques	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022
5	Deepak Gupta	Improved Domain Generation Algorithm to Detect Cyber-Attack with Deep Learning Techniques	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022
6	Ashish Khanna	Improved Domain Generation Algorithm to Detect Cyber-Attack with Deep Learning Techniques	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022
7	Deepak Gupta	Deep Learning Technique based Intrusion Detection in Cyber-Security Networks	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022
8	Ashish Khanna	Deep Learning Technique based Intrusion Detection in Cyber-Security Networks	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	Dec 2022

IIC-MAIT (Institute Innovation Council)

Problem Solving & Ideation

The Institute Innovation Council of Maharaja Agrasen Institute of Technology in collaboration with Institute for Industrial Development (IID) organized a session for the students on the topic “Session on Problem Solving & Ideation” on 31 October 2022. The speakers of the session were Mr. Ravi Gupta (Mentor & Coach IID), Mr. Sushant Sharma (Start-up Mentor), Mr. Jay Prakash Jay (IID-Manager), Mr. Pulkit Maheshwari (IID). 50 Faculty members and 500 students attended this session.

The objective of the event was to promote new technology/ knowledge/ innovation-based start-ups. How students can follow a step-by-step roadmap for establishing a business enterprise or becoming an industry-ready person.

Mr. Ravi Gupta told that Institute for Industrial Development (IID) is an incubator with the Government of India, Ministry of Micro, Small and Medium Enterprises (MSME), and the Department of start-ups, an initiative by the Government of Uttar Pradesh. IID will help students to nurture the entrepreneurs virtually from the idea to the establishment of a business enterprise. Teamwork is important and person can do anything if he knows how to work in team.

Mr. Sushant Sharma offered his expertise on the various facets and steps that go into issue solving and idea generation. He went on to discuss the best practises for student entrepreneurs that may be used to improve students capacity for solving complex issues.



Motivational Session

Motivational Session by a motivational Innovator by Mr. Bhanu Pratap Singh (Founder and CEO doReal Motors) was organised on 17 November 2022 at CSE Department

**MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY**
ROHINI, SECTOR-22, PSP AREA, DELHI, 110086
INSTITUTE INNOVATION COUNCIL
presents

Motivational Session by a Successful Innovator

**Speaker:**
Mr. Bhanu Pratap Singh
Founder & CEO: doReal Motors

Faculty CO-ORDINATOR
Ms. Nisha Aggarwal
Coordinator, IIC MAIT

Date: 17th November, 2022
Time: 12:00pm
CSE Block 1, Lab 131-132

Interactive Session

interactive session was organised on 11 November 2022 in 131/132 at 11:00 AM. Session was delivered by MAIT Alumni Start-up Founders : Free Stand Sampling Solutions, Mr. Konark Sharma, Mr. Kavach Chandra and Ms. Sneh Sonin (2017 Batch Passout).Session was organised to provide opportunity for students to be a part of their live project. Mr. Kavach shared his insights on achieving product growth and market fit from the idea stage of his own start-up journey. More than 100+ students attended the session.



IIC-MAIT (Institute Innovation Council)

Motivational Session

The Institute Innovation Council of Maharaja Agrasen Institute of Technology organized a seminar on “Motivational session by A successful Innovator” on 17th Nov, 2022. The speaker of the session was Mr. Bhanu Pratap Singh , 10 faculty members and 80 students attended this session , including all branches .

The objective of the event was to motivate and encourage the students to innovative and knowledgeable start up. The session aimed to provide the spark in students to get them ready to start their own ventures .Mr. Bhanu Pratap Singh is the Founder and Director of “Do Real Motors Pvt. Ltd.” and BKN Bio Gas Energy Pvt. Ltd. He has a passion for automobiles. He has done volunteer work for “ The Green Plate Club” for EV owners. He has done Computer Science Engineering from Deenbandhu Chhotu Ram University of Science and Technology(DCRUST), Murthal. He has several YouTube videos regarding EV retro fitment and has published many articles. He never thought of taking automobile as a professional career but now runs a successful company of automobiles.



Sesion on "Presentation of Ideas"

The Institute Innovation Council of Maharaja Agrasen Institute organized the “Presentation of Ideas” on 14 November 2022 in 131/132 at 11:00 AM. All the participants registered themselves for the event on the Devfolio platform. 16 teams registered for the event. Around 12 teams including 45 Participants presented their ideas.



MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
ROHINI, SECTOR-22, PSP AREA, DELHI, 110086
INSTITUTE INNOVATION COUNCIL

Presents
Presentation of ideas
14th November 2022 at 11:00 AM
CSE Block 1, Lab 131-132





MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
CONGRATULATES
Winners of SIH 2022 (SOFTWARE EDITION)
PRIZE : Rs. 1 Lac

TEAM Rudram	TEAM Nocturnal Coders	TEAM Disruptorss	TEAM Adamya
Ministry of Electronics and Information Technology (MEITY) Problem code: PK847	Department of School Education and Literacy (DoSEL) Problem code: RK783	Indian Council for Cultural Relations (ICCR) Problem code: RK797	Department of School Education & Literacy (DoSEL) Problem code: KH1149
Aditi Gupta 01114802819 ECE 3 rd Yr	Apoorv Dwivedi 01196402719 CSE 3 rd Yr	Aakash Papanal 02314802719 CSE 3 rd Yr	Aakash Gupta 03596402719 CSE 3 rd Yr
Sanchit Aggarwal 02714802819 ECE 3 rd Yr	Ankit Goel 00296402719 CSE 3 rd Yr	Harshit Kathuria 01814802719 CSE 3 rd Yr	Shitiz Aggarwal 04014802719 CSE 3 rd Yr
Akash Sharma 02014802819 ECE 3 rd Yr	Apoorva Singh 35814803119 IT 3 rd Yr	Piyush Gupta 08614802719 CSE 3 rd Yr	Sejal Vasal 36414803119 IT 3 rd Yr
Simran Rastogi 08814802819 ECE 3 rd Yr	Disha Bhardwaj 35396402719 CSE 3 rd Yr	Indrakant Dana 02514802719 CSE 3 rd Yr	Aditya Jha 03314802719 CSE 3 rd Yr
Amrita Pandey 20814802719 CSE 3 rd Yr	Mahak Raju 02796402719 CSE 3 rd Yr	Vani Sharma 35314802720 CSE 2 nd Yr	Aman Kumar 00914813120 ITE 2 nd Yr
Utkarsh Gupta 02414802819 ECE 3 rd Yr	Prakhar Sharma 04114802719 CSE 3 rd Yr	Riya Sharma 01114807220 CSE 3 rd Yr	Vijay Sahoo 35214807221 CSE 2 nd Yr
MENTOR : Mr. Anupam Kumar	MENTOR: Mr.Ashish Sharma,Dr.Sandeep Tayal	MENTOR : Mr. Alok Kumar Sharma	MENTOR : Mr. Vinit Shahdeo

Dr. Nand Kishore Garg
ounder and Chief Advisor,
MATES

Shri Vineet Kumar Gupta
Chairman, MATES

Shri S.P. Agarwal, IAS
Executive Chairman,
MATES

Er. T.R. Garg
General Secretary,
MATES

Prof. (Dr.) Neelam Sharma
Director, MAIT

Prof. (Dr.) S.S. Deswal
Dean (Academics),
MAIT

Prof. Namita Gupta
MAIT SPOC, SIH
HoD, CSE

