



8th

Convocation **IIID**

31st Aug 2019



WELCOME

We welcome our members of the Governing Council, Board of Governors, Senate members, honoured guests, members of the faculty, staff, our graduates of 2019 and their parents. It is our pleasure to welcome you all to the 8th Convocation of the Indraprastha Institute of Information Technology Delhi (IIIT-Delhi), in the gracious presence of Chancellor: Shri Anil Bajjal, Chairman: Shri Kiran Karnik and our esteemed guest for today Ms. Debjani Ghosh.

We extend our heartiest congratulations to all those receiving degrees today, and acknowledge the support that has helped them along the way.

CONVOCAATION PROGRAM

PART I: MAIN CEREMONY

10:45 am	Arrival of Chief Guest, received by the Chairman and Director. Introduction of Senators/ Faculty Members to the Chief Guest.
10:55 am	Arrival of Honourable Chancellor.
11:00 am	Academic Procession proceeds to the Convocation Hall.
11:05 am	Convocation Song. Director requests the Chancellor to declare the Convocation open. Convocation is declared open by the Chancellor.
11:10 am	Director's Report and address.
11:25 am	Address by the Honourable Chancellor.
11:40 am	Address by the Chairman and introduction of Chief Guest.
11:55 am	Convocation Address by the Chief Guest.
12:15 pm	Award of Ph.D. Degrees by the Director.
12:25 pm	Presentation of Chancellor's Gold Medal by the Hon'ble Chancellor. Presentation of Medals by the Chairman, Board of Governors. Announcement of names of students getting B. Tech. degrees with Honours.
12:35 pm	Chairman, Board of Governors signs the scroll of all the Award of Degrees. Oath taking by all the Recipients of Degrees.
12:40 pm	National Anthem; Academic Procession departs.

PART II: AWARD OF M. TECH. AND B. TECH. DEGREES

12:45 pm	Award ceremony resumes with the award of M. Tech. degrees by the Director.
01:00 pm	Award of B. Tech. degrees by the Director.
01.20 pm	Director requests the Chairman, Board of Governors to declare the Convocation closed. Convocation is declared closed by the Chairman, Board of Governors. Program ends followed by group photographs and lunch.



MISSION & VISION

The mission of IIT-Delhi is to be a global centre of excellence in Information Technology, education, training and research. Its twin aims are:

- To carry out advanced research and development in information and software technologies, and in leveraging IT in specific domain areas.
- To train and educate, at both undergraduate and postgraduate levels, engineers of outstanding ability who can become innovators and new product creators.

The vision of IIT-Delhi is to be an institute of higher education in IT and allied areas, which:

- Is globally respected for research and education
- Offers thriving UG and PG programs
- Is socially relevant, industry facing, and globally connected.



उपरज्यपाल
दिल्ली
LIEUTENANT GOVERNOR
DELHI



राज निवास
दिल्ली-११००५४
RAJ NIWAS
DELHI-110054



MESSAGE

On the occasion of the Eighth Convocation of Indraprastha Institute of Information Technology, Delhi, I would like to congratulate all graduating students, their parents, faculty and officers.

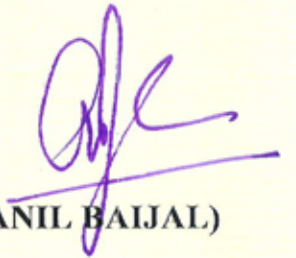
As an IIIT-D graduate, you all have demonstrated competence, commitment and creativity, you need to succeed in your chosen career. Your mentors and guardians have relentlessly strived hard to get you here on your graduation day.

IIIT-D has been following a rich tradition of pursuing excellence and has consistently reinvented itself in respect of academic programs and research ecosystem. I am happy to see this unique learning environment, a seamless mesh of research and teaching, which is the future of higher education. The Institute has ensured the development of a collaborative environment conducive to learning, exposure to the best international practices and promotion of innovation and creativity.

Started in 2008, IIIT-D now has been ranked 55th in the latest NIRF Rankings. National Assessment and Accreditation Council (NAAC) has accredited the Institute at A-Level. It shows how quickly the Institute has been evolving and making great strides in the field of technical education not only in India but globally also.

I am confident that every new graduate has the potential for achieving high level of excellence. An Institute is not only made by the infrastructure but is also made by the faculty and students, and the culture they build. Thank you for making IIIT-D this unique hub of research based education. The future will be challenging but will also be full of new opportunities. Make the most of such opportunities by utilizing your knowledge and skills to the fullest.

Wish you all the very best !


(ANIL BAIJAL)

New Delhi
21st August, 2019

MESSAGE FROM THE CHAIRMAN, BOARD OF GOVERNORS



Shri Kiran Karnik
Chairman, Board of Governors, IIT-Delhi
(Former President of NASSCOM)

As the eighth batch of students graduate from IIT-Delhi, I would like to take this opportunity to not only to celebrate their academic accomplishments, but also to wish them the very best as they put their first foot forward into a new chapter of their lives.

Convocation is an auspicious occasion to commemorate the academic excellence of the institute, a product of the hard work and dedication of the students, untiring efforts of the faculty members to impart knowledge to the budding engineers, and unbound support of the administrative staff, which ensures an optimal academic and research ecosystem in the Institute.

IIT-Delhi has been a home away from home for all of you graduating today. Here, you must have found some friends for a lifetime, mentors to seek advice, and memories to cherish forever. Now, all you young graduates, will be an important part of the nation's economy, applying the best of your academic competencies to address real life problems. I am sure that the Institute and its faculty members have prepared you well to face the upcoming challenges.

I also use this occasion to acknowledge the hard work done by you during your academic journey to enable yourself to be called an IIT-Delhi graduates. Regardless of circumstances, each one of you met the rigorous academic standards of our institution to earn an undergraduate degree, a master's degree or a doctorate. This is the day when you can take pride that all your efforts, hard work, and dedication have culminated in this valuable certification. However, also do acknowledge the role of your parents and guardians, in addition to that of professors, friends and others who directly or indirectly have been supportive to shape your career. Spare a moment to thank them for what they have done for you.

As fresh graduates, you are about to embark on a new journey in life. A new chapter is about to begin. All your professional achievements from now on will reflect the academic excellence of the Institute and will create the impression of the Institute in the minds of the outside world. I have no doubt that you will fulfill this responsibility in a way that will bring pride to your alma-mater.

Many of you may be aspiring entrepreneurs, hoping to start your own ventures in the near future. Being alumni of the Institute, you have the advantage of the incubation centre of IIT-Delhi. Do use it to convert your business idea into a reality.

The forces of technology and dynamics of globalization require an institute to be very adaptive in its outlook and responsive to changes in the external environment. I would like to assure parents and guardians of the graduating students that these engineers who are stepping out of this institute today have been equipped with the necessary knowledge and skills to make a significant contribution to the development of our country and of their field. To the graduates, I will say that we have given you a solid foundation, enabling you to quickly learn and master new technologies that will certainly emerge in the years ahead; but it is your responsibility to make sure that you keep learning and stay up-to-date, even after you leave these academic portals.

On this landmark occasion, I want to acknowledge the role and contribution of Prof. Ranjan Bose (Director), Registrar, Deans, Faculty and all officers and staff. They have worked hard and faced difficulties to make this day possible. I join all others in expressing my appreciation of their efforts. I must also thank my colleagues on the Board of Governors, who have provided on-going guidance and contributed immensely to the development of the Institute. I would also like to express my gratitude to the Government of NCTD and to our Chancellor (the Lieutenant Governor of Delhi) for their unwavering support over the years.

Once again, I congratulate the graduating students and their families on this happy occasion, and wish them the very best. We look forward to welcoming them back from time to time as alumni, as potential faculty and recruiters, but most of all, as family members and well-wishers of IIT-Delhi.



MESSAGE FROM THE CHIEF GUEST



Ms. Debjani Ghosh
President, NASSCOM

Debjani Ghosh is the 5th President of The National Association of Software & Services Companies (NASSCOM), who took office on the 2nd of April 2018.

A veteran of the technology industry, and a staunch champion of gender diversity in corporate India, Debjani Ghosh was the first woman to lead Intel India, Manufacturers' Association for Information Technology (MAIT), and now NASSCOM. Over her illustrious career spanning over two decades, she has held diverse leadership roles across geographies in South and Southeast Asia at Intel.

She is a firm believer in the power of technology to enhance lives and livelihoods, leveraging it for societal good. She was instrumental in developing Intel's 'Digital Nation' strategy to support India's digital transformation, working with the government to accelerate technology adoption in India, especially as an enabler of inclusive growth and development. As NASSCOM President, she plans to accentuate innovation and skilling to enable individuals and companies to leverage disruptive technologies like AI.

In January 2018, she was felicitated by the President of India under the auspices of the "First Ladies" program, which honours exceptional female pioneers in their respective fields. Starting 2012, she has been named as one of the 20 Most Powerful Women in Business in India by Fortune Magazine for 5 consecutive years.

Debjani holds a bachelor's degree in political science from Osmania University at Hyderabad, and an MBA in marketing from S.P. Jain Institute of Management and Research at Mumbai.

SUCCESS IN THE DIGITAL ERA NEEDS A CHANGED MINDSET

The digital transformation market globally is growing at a fast-paced CAGR of 24.3%. Enterprises are down-scaling legacy systems rapidly and transitioning to the digital way of doing things. Though, the pace of change will vary across industries but it is only a matter of time when digital transformation gets to be all-encompassing. The opportunities are tremendous.

However, there is a secret sauce for successful digital transformation and it's not technology. The success of digital transformations depends instead on people; yes, us humans. But it also requires people with very different skills from what we have today. Talent in the Digital Era will be defined, not by how much we know, but how fast we can learn. Given the pace at which technology is changing, there is no endpoint to learning. Our competitive advantage will be determined by our ability to keep up with the new trends and fully utilize the advancement in technology to solve problems that have not yet been solved.

We are also entering the age of bilinguals. Excellence in technology alone will not cut it. Engineers will also need to collaborate, communicate, problem solve like never before. Infact, the so called soft skills will be the key differentiator.

You are entering the workforce at a very interesting time. Competition will be based on talent and there will be a premium on the "right attitude" and "learnability" along with the required tech skills. Industry wants change agents - people who can see what others do not see and sieze the opportunity to disrupt status quo before you get disrupted by competition.

As you leave this wonderful institute, your learning is just beginning. The best advice I can give you is never miss a good crisis or opportunity to learn. Technology advancements will continue to change everything we do and the pace will only get faster. If you just look at the last few years, almost every segment of our lives has been impacted by digital – shopping, ordering food, taxi-rides, tele-medicine, learning, entertainment, travel and the list goes on. And we have just touched the tip of the iceberg.

You have a choice ahead of you: *Do you become a catalyst for change or do you let change happen to you?*

Wish you the very best in your journey ahead. The industry needs new thinking, new ideas, new risk taking, new skills; summing up - a new mindset to keep up with the pace of change. It is no more about the big fish eating the small fish. It is about being the fastest fish in the ocean. Agility and speed trump everything else. Be the one that drives the change.

Thank you!

DIRECTOR'S REPORT



Prof. Ranjan Bose
Director, IIT-Delhi

Honorable Chancellor, Mr. Anil Bajjal, Chief Guest Ms. Debjani Ghosh, President, NASSCOM, Mr. Kiran Karnik, Chairman Board of Governors, members of the Senate, members of the faculty and staff, invited guests and all the graduating students and their family members. It is my pleasure to welcome you all to the 8th Convocation of IIT-Delhi. I take this opportunity to express my heartfelt gratitude to Ms. Debjani Ghosh for accepting our invitation to be the Chief Guest and kindly agreeing to deliver the Convocation address. I would also like to express my gratitude to Honorable Chancellor for taking out his valuable time to grace this occasion.

In this convocation, we are proud to confer 155 B. Tech., 115 M. Tech. and 1 M. Tech. Dual Degree. Along with these, we are also conferring 14 Ph.D. degrees. Congratulations to all the graduates!

This year, we have admitted 469 B. Tech. students in seven programs, 207 M. Tech. students in 3 programs with 7 different specializations, and 27 Ph.D. students. With this year's admission, IIT-Delhi's student population has grown to 2230: including 1564 B. Tech., 484 M. Tech., and 182 Ph.D. students.

IIT-Delhi has always stayed ahead of the curve in introducing new courses and programs in emerging areas. From this year, we have added another interdisciplinary program, B. Tech. in 'Computer Science and Artificial Intelligence'. Last year, we had added an M. Tech. specialization in Artificial Intelligence.

The backbone of IIT-Delhi is its faculty and staff. We continue recruiting high-quality faculty, and last year we added 12 regular faculty members, 10 visiting faculty, and about 9 staff members. IIT-Delhi has always been sensitive to the importance of gender diversity and I am happy to share that over 40% of the new faculty colleagues are women.

The Institute's placement record continues to be impressive - most programs have a 96% to 98% placement record. This placement season, a total of 443 offers were made at the Institute, which comprises of 269 full-time job offers and 174 intern offers. There is a significant growth in A+ offers. By most measures for placement – highest domestic salary offered, the percentage of students placed, mean and median offers – we are amongst the top few in the country. Our Ph.D. students are also getting excellent opportunities in terms of postdoc offers, corporate R&D and in academia.

I am happy to observe that this year also a significant number of students have opted for higher education. About 25 students from the graduating batch are going for higher studies out of which 17 are pursuing masters and 8 are pursuing Ph.D. Our students are going to top overseas universities like Georgia Tech, CMU, University of California, John Hopkins University, Harvard University, University of Maryland, University of Virginia, University of Kansas, University of Texas at Austin etc.

The faculty members and the students at IIT-Delhi have been actively contributing to cutting-edge research, which is often multidisciplinary. Last year, our faculty members and students published 197 research papers, including 86 journal papers, 101 conference papers, and eleven book/book chapters. Our faculty members were invited to more than 140 national and international seminars as speakers. Our faculty members have also received several awards and recognitions in the past year. Some of these are the Sun Pharma Research Award, elevation to Fellow, International Association of Pattern Recognition, DST Swarnajayanti Fellowship, Visvesvaraya Young Faculty Fellowship, IEEE ICASSP Education Innovation Award, URSI Young scientist award, Google India Faculty Award, Royal Society's Commonwealth Science Conference Follow-on Grant, DST Early Career Research Award and several best paper/poster awards in some of the top international conferences.

Sponsored projects are critical for augmenting the research culture of the Institute. This year the Institute was able to get 36 research projects sanctioned (including consultancy projects), for a total sanctioned amount of around 7.29 Crores. Overall, there are about 103 active projects in the Institute. Our faculty members and research scholars have also filed for 5 patents in the past year.

Our Ph.D. students received many prestigious fellowships last year, including 1 Prime Minister fellowship. The IIT-Delhi team also made it to world finals of the highly-competitive International Collegiate Programming Contest. Our students run as many as 23 clubs and have won several medals/prizes in many external events, including sporting events. Some of the prizes won in the last year include the first prize at Angelhack, the first position in Criterium, first in Trashion both in IITD Rendezvous and IITB Mood Indigo, gold medal in discus throw at IIT Kanpur sports fest, gold medal in girl's football at IIT Roorkee sports fest etc. The IIT-Delhi cultural fest Odyssey was organised in January 2019 with a huge footfall of over 8000 people on campus.



A 'Center of Technology in Policing' has been established at the Institute following the discussions with the Honorable Chancellor Mr. Anil Baijal, Lt. Governor of Delhi. This Center shall be an advanced resource hub in terms of related research, providing expert help in the prevention and investigation of cybercrime and skill enhancement. The Center was inaugurated by Honorable Chancellor on Dec 4, 2018. Recently, Delhi Development Authority (DDA) has also signed an MoU with IIIT-Delhi, by the virtue of which IIIT-Delhi will help strengthen the IT Network infrastructure of DDA.

IIIT-Delhi has proactively worked towards establishing strong linkages with industry. Recently, we have signed an MoU with STMicroelectronics Pvt. Ltd. and are setting up a research lab at IIIT-Delhi in collaboration with Samsung India. Under our Industry Outreach Program, we will be conducting online weekend courses for the working professionals in areas of Internet of Things and Machine Learning, together with Tech Mahindra Growth Factories Limited. IIIT-Delhi has also signed an MoU with the Indian Navy, which will enable officers sponsored by the Navy to enroll in our M. Tech. (CSE) program.

Our quest for international collaborations has led to the strengthening of our existing research linkages and the creation some new ones. IIIT-Delhi has signed an MoU with the Queensland University of Technology to foster collaborative research and guide joint Ph.D. students. We have also signed an MoU with Korea University for a collaborative Ph.D. program.

The Institute is also emphasizing research linked to sustainable development goals and creating a culture of innovation on campus leading to both intrapreneurship and entrepreneurship. In order to foster the spirit of innovation on campus, the Institute Innovation Council has been set up. Among other activities, the Institute Innovation Council has been organizing Ideas Pitching events by budding entrepreneurs, a wisdom talk series by leading experts in various domains with an aim to facilitate the reimagining of the



IIIT-Delhi campus as a proving ground of innovative ideas. The basic motivation is to get the spirit of innovation in the DNA of the Institute. With this objective, we have inaugurated the new facility of our Incubation centre in June 2019. Our technology business incubator is supported by DST, Govt. of India and DTTE, Govt. of NCT Delhi. The incubation centre has also signed an MoU with Yonsei Enterprise Support Foundation, the Incubation Center of Yonsei University, Korea. Currently, we have 15 startup companies on campus, of which, 5 are student startups, 2 are startups by faculty members, 4 are startups by our alumni and 4 are faculty-mentored.

IIIT-Delhi has been ranked 55 in the engineering category by NIRF Ranking 2019, which is a jump of 11 ranks from the previous year. QS ranked IIIT-Delhi in 'top 50' in their India Rankings. The credit goes to the faculty members, students, staff and well-wishers of the Institute.

On campus, we have created the Well-Being Cell that focuses on providing counselling, psychological support and the holistic development to students. Several programs/workshops on relaxation, meditation, yoga, leadership, gender sensitization, and others are organized regularly to nurture the holistic wellness in our students. In addition, a Students' welfare fund has been created. To strengthen our bonds with our alumni we have formally started the IIIT-Delhi Alumni Association and have launched the IIIT-Delhi Foundation USA, where we already have a functioning Bay Area Chapter.

IIIT-Delhi continues to increase its outreach activities. The students of IIIT-Delhi conducted a summer camp for nearby government school children. The camp had over 170 students from 5 government schools, and a team of 30 UG student volunteers from our Institute ran it for over 5 weeks. The Department of Mathematics also organised a summer camp for school students of classes 9-12. I am also happy to share that one of our faculty colleagues has developed a MOOCs under NPTEL, and we are actively contributing to the national pool of educational resources.

I am pleased to inform that IIIT-Delhi has been ranked 'Fourth' amongst the cleanest Higher Educational Institutions in the country in the category 'Technical Institutions – Universities (Residential)'. With the completion of the Phase II construction, we now have a built-up area of 100,000 square meters. This includes a five-story lecture hall complex, seven-story R&D Block, modern classrooms, research labs, a four-story Library and Information Centre, Incubation Centre, newly constructed hostels for boys and girls to accommodate 1800+ students, dining and student activity centre, and Faculty residence blocks. The campus also has a multipurpose playing field, a gymnasium, indoor badminton and squash courts, outdoor tennis courts, basketball and volleyball courts and an indoor swimming pool. The campus incorporates several green-building features and is GRIHA-rated, zero-discharge campus with sewage treatment plants, rainwater harvesting, heat pumps, and solar power plant on terraces of all new buildings.

Before I conclude my annual report, I would like to sincerely thank the various stakeholders whose effort and support has made all this happen. My sincere thanks to our Chairman, Mr. Karnik, and members of the Board of Governors for their guidance and wise counsel, to the Government for their continued support for infrastructure, and to the faculty, staff and students of the Institute for their untiring effort and dedication towards maintaining the high standards of the Institute.

Finally, dear graduating students, on behalf of IIIT-Delhi, I congratulate each one of you on your great achievement. From today, you are on your own. Choose the path that excites you, stimulates your intellectual passion, harnesses your talents and engages your mind in the most productive manner. Plan to shape the world around you, rather than being shaped by it. Our good wishes are with you, and I am sure you will make us and the country proud.

MAJOR EVENTS AND NOTIFICATIONS



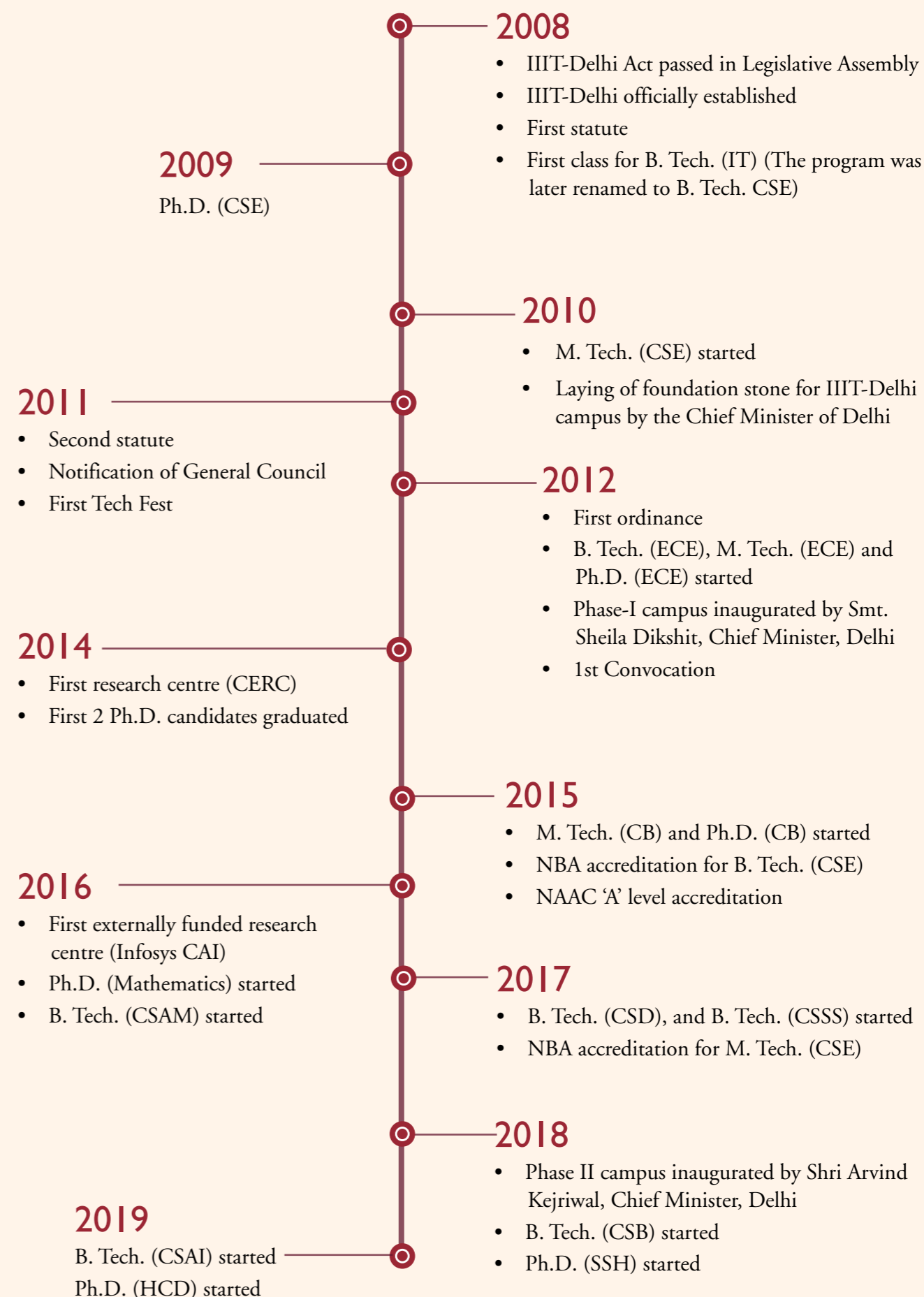
BACKGROUND ABOUT THE ESTABLISHMENT OF THE INSTITUTE

Indraprastha Institute of Information Technology Delhi was created as a State University by an act of Delhi Government (IIIT-Delhi Act, 2007) empowering it to do research and development, and grant degrees. Established in 2008, in a relatively short time, the institute has grown to be recognized as one of the most promising young institutions for education and research in India and abroad in IT and interdisciplinary areas.

Governed by the able leadership of a distinguished Board of Governors and equipped with highly qualified and accomplished faculty members, the institute has, in a short span of time, established a strong research culture, focused research groups, and innovative education programs. The institute is accredited 'A' grade by National Assessment and Accreditation Council (NAAC) and has been accorded 12-B status by the University Grants Commission (UGC). It has its permanent campus in Okhla with state-of-the-art infrastructure and modern facilities.

The institute currently has 6 departments (Computer Science, Electronics and Communication, Computational Biology, Human Centered Design, Social Science and Humanities, and Mathematics); 5 Research Centres (Infosys Centre for Artificial Intelligence, Centre for Computational Biology, Centre for Design and New Media sponsored by TCS, Centre for Technology and Policing, and Cybersecurity Education and Research Centre); 60+ regular and 20+visiting faculty members, all Ph.D.s from world's best institutes.

The Institute is moving forward, firmly on the path of sustainability and transformation, thus becoming a globally respected and recognized institution. The management is committed to creating an environment wherein intellectually capable, innovative and entrepreneurial professionals are nurtured and trained to work untiringly to serve the nation and society.





PERMANENT CAMPUS

IIT-Delhi has been operating from its permanent campus in Okhla Phase III, since August 2012. The 25-acre campus has facilities for teaching and research, hostels for both boys and girls and provisions for sports. With the completion of Phase II construction, the Institute now has 3 new lecture halls and a total of 25 lecture halls of varying sizes.

There is one lecture hall of capacity 500, two big lecture halls of capacity 300, three lecture halls of capacity 160-180, four of capacity 120, two of capacity 60 and fourteen of capacity 25-50. The lecture hall complex has several CSE and ECE labs on the second and third floors. The R&D block has 116 faculty offices and 58 research labs, along with Ph.D. rooms and M. Tech. labs. The Library and Information Center has a common study

area for students on the ground floor, a highly equipped library on the first floor, and reading and discussion areas in the second and third floor.

The Vibrant Dining and Recreation Centre includes the mess, a cafeteria, and facilities for extracurricular activities such as a music room, table tennis and pool tables, an art room, and a gymnasium. The hostel area consists of boys' and girls' hostels with a total capacity of about 1780 students. At present the hostels have options of single and double occupancy rooms, all of them are provided with night time air-conditioning. The hostels also have an infirmary and a well-equipped common room. The new sports complex has indoor badminton and squash courts and indoor swimming pool.





LIFE @ IIT-DELHI

CLUBS

Although the institute aims to develop students academically, it also facilitates opportunities for students to enjoy various extracurricular activities. Participation in activities of approved student groups (club, chapter, student senate/ council etc.) is mandatory in first two years. Students, active in any of the activities, are given certificates through the relevant club/ group.

At IIT-Delhi, a major part of students' time is spent on academics as it requires hard work and focused effort. Nonetheless, there are many facilities and 20+clubs to grow in various ways. Students take part in a number of social and cultural activities. If they want to pursue a hobby, they just need to find some like-minded people to start their own club (if not already in existence). These clubs not only improve leadership skills but also help in building team spirit. Several student clubs in the institute enable students to enhance their talent in areas beyond academics. The clubs at IIT- Delhi are on adventure, music, software development, community work, dramatics, entrepreneurship, electronics, programming, game development, dance, painting, design, photography, chess, quizzing, sightseeing, public speaking, eco-development and more.

Last year the various student bodies organised as many as 85 events. Clubs already in existence at IIT-Delhi are Quiz Club - Trivialis, Astronauts, Design Club- Ink, Dance Club - MadToes, Byld, Women in Tech(WiT), Music Club - Audio Bytes, Photography Club- Tasveer, the Literary Club, Eco Club and Computer Security Club, FooBar, E-cell, Math Club and many more.

These clubs enable students to come together, share knowledge and mentor others. Students can also suggest books for the library, organize a blood donation campaign, an adventure trip during summer holidays or purchase a new instrument for the music room. More than 400 students participated in sports activities, around 100 in cultural activities, and many in quiz contests, and technical competitions. Students are also encouraged to help the society in some way or the other. Almost every student is involved with various NGOs all over the country. The institute also has its own homegrown NGO of students called 'FindAWay', which helps children in need.



SPORTS & RECREATION

IIT-Delhi has been regularly organizing various sporting events like the Intra- IIT-Delhi football tournament Joga Bonito, table tennis and pool tournaments, etc. Every year IIT-Delhi students

participate in tournaments in Delhi and Outside Delhi. This year as well the students participated in several inter and intra college competitions.

FESTS & EVENTS

There are two main student festivals: the technical festival Esya in August, which has now become one of the most vibrant tech-fests in Delhi, and the cultural festival Oddssey in January. Both these festivals have large external participation and several contests. Students have been organizing the TEDxIIIT-Delhi event for the past four years with huge success, attracting excellent young inspirational speakers. Research Showcase, has

become the year's biggest showcase on what all our students are doing. In addition, there are several other Tech events all the year around.

Cultural activities (arts and literary) for the year are planned together by the Student Council and the Cultural Secretary. In all, a good number of extra-curricular activities take place in the campus throughout the year.



ENTREPRENEURSHIP & INCUBATION

After operating the incubation centre out of a temporary facility for two years, IIIT-Delhi finally got a new facility on the 5th floor of the Lecture Hall Complex.

The centre acts as a platform for 14 startups and supports students in pursuing their entrepreneurship dreams. The new facility of the incubation centre was recently inaugurated by Prof. Ashutosh Sharma, Secretary Department of Science and Technology (DST).

The centre has been established with a vision to empower researches into implementation and to motivate innovation and entrepreneurship at various levels. The Institute has courses aligned around entrepreneurship in each semester along with dedicated summer course on starting a new venture and social entrepreneurship.

The students are encouraged to take their projects in Entrepreneurship and Innovation Internship. To help and guide Entrepreneurs, and promote Incubation, Institute has also established IIIT-Delhi Innovation and Incubation Center (aka ICube Delhi). ICube Delhi acts as an intensive platform, actively involved in developing the

paradigm of entrepreneurial mindset at the Institute. It is focused towards fostering the entrepreneurial spirit and empowering ideas, startups, research activities into entrepreneurial ventures. It provides a common working platform for guidance, mentoring, value-based-collaborations and networking, physical co-working spaces, financial support and all incubation related facilities. It aims at driving students towards innovation excellence required for converting path-breaking business ideas into self-sustaining business ventures.

The center has more than 10 startups and multiple student teams on the pre-start-up level on portfolio of various themes and technologies by students, alumni and external startups. Several students have been offered internships and placements by these startups. Institute's faculty are mentoring these startups and lots of researches are getting wider perspective and business values. To encourage and support IIIT-Delhi students for starting their own ventures and initiatives, a dedicated infrastructure facility has been arranged and fellowships for alumni and graduating students are being offered.



GRADUATION DATA

Program	2012	2013	2014	2015	2016	2017	2018	2019	Total
B. Tech. (CSE)	51	54	85	109	130	107	122	107	765
B. Tech. (ECE)	-	-	-	-	37	32	30	48	147
Dual degree (B. Tech. & M. Tech.) -CSE	-	-	2	4	3	-	1	1	11
M. Tech. (CSE)	22	32	54	68	53	52	63	63	407
M. Tech. (ECE)	-	-	19	30	37	40	39	42	207
M. Tech. (CB)	-	-	-	-	-	9	7	9	25
Ph.D. (CSE)	-	-	2	4	2	10	8	11	37
Ph.D. (ECE)	-	-	-	-	1	2	2	2	7
Ph.D. (CB)	-	-	-	-	-	-	-	1	1
Total	73	86	162	215	263	252	272	284	1607

PAST AWARDS (2014 Onwards)

Chancellor's Gold Medal	2018 Rounaq Jhunjhunu Wala	2016 Alakh Dhruv Chopra
	2017 Shivam Thukral	2015 Aditya Gupta
	2017 Saurabh De	2014 Abhishek Gupta
	2016 Megha Arora	
All Round Performance	2018 Ambar Pal (CSE)	2016 Sarthak Ahuja (CSE)
	2018 Akash Deep Singh (ECE)	2016 Ankush Jolly (ECE)
	2017 Juhi Bhatnagar (CSE)	2015 Siddharth Gupta (CSE)
	2017 Puneet Jain (ECE)	
Best Academic Performance in B. Tech. (ECE)	2018 Akshay Sethi	2016 Shreya Singh
	2017 Puneet Jain	
Best B. Tech. Project Award (Entrepreneurship Track)	2018 Mukesh Gupta	2017 Prikankshit Mor
	2018 Sujeet	2016 Mansi Panwar
	2017 Herrman Swami	2016 Shashank Gautam
	2017 Ankur Singh	2014 Aditya Kumar
Best B. Tech. Project Award (Engineering Track)	2018 Himanshu	2014 Apoorv Narang
	2018 Vahini Ummalaneni	
Best B. Tech. Project Award (Research Track)	2018 Divam Gupta	2017 Shubham Sinha
	2018 Akshay Sethi	2016 Prateekshit Pandey
	2017 Kartik Maji	2015 Rishav Jain
Gold Medal for Excellent Academic Performance	2017 Taruvar Aggarwal	
	2018 Ankit Rehani	2017 Anurag Goel
Best M. Tech. Thesis Award in CSE	2017 Sangeeth. K.	2016 Yogesh Kumari
	2016 Anurag Chowdhury	2015 Aritra Dhar
Best M. Tech. Thesis Award in ECE	2018 Ankush Mamgain	2016 Ankita Raj
	2018 Saptak Banerjee	2016 Md. AyatullahMaktomi
	2017 Sasha Garg	2014 Ankita Shukla
Best M. Tech. Thesis Award in CB	2018 Vibhav Tripathi	2017 Prateek Singh

2019 AWARD WINNERS

B. Tech. Award Winners

Chancellor's Gold Medal



LAMHA GOEL
2015050

Best Academic Performance in
B. Tech. ECE



PULKIT GOEL
2015158

All Round Performance Medal
in CSE



GUNKIRAT KAUR
2015032

All Round Performance Medal
in ECE



MANASI MALIK
2015146

Best B. Tech. Project Award
(Engineering Track) (Jointly)



**PARIKSHIT KUMAR
PRUTHI** 2015155



**SHUBHANKAR R.
BUTTA** 2015180

Best B. Tech. Project Award
(Research Track)



SARTHIKA DHAWAN
2015170



EKANSH
2015139

M. Tech. Award Winners

Gold Medal for Excellent
Academic Performance



**SHAH HITARTH
DIPESHBHAI** MT17120

Best M. Tech. Thesis Award
in CSE



VAIBHAV GARG
MT17064

Best M. Tech. Thesis Award
in ECE



FATIMA MUMTAZ
MT17090

Best M. Tech. Thesis Award
in CB



SANA AKHTER
MT17146

GRADUATING STUDENTS 2019



DOCTOR OF PHILOSOPHY (Ph.D.)



ALVIKA GAUTAM

MT12061(CSE)

Advisor: Dr P B Sujit

Vision-assisted guidance techniques for quadrotor landing



ANUJ SHANKER SAXENA

Ph.D.1101 (CSE)

Advisors: Dr Vikram Goyal, Dr Debajyoti Bera
Enforcing Privacy for Location Based Services



JYOTI LEEKA

Ph.D.1103 (CSE)

Advisor: Dr Srikanta Bedathur
Indexing and Query Processing in RDF Quad-Stores



JAYAPRAKASH GOVINDARAJ

Ph.D.1204 (CSE)

Advisors: Dr Gaurav Gupta, Dr Donghoon Chang
Forensics Enabled Secure Mobile Computing System for Enterprises



PARAG AGGARWAL

Ph.D.14107 (ECE)

Advisor: Dr Vivek Bohara
End-to-End Performance Analysis of MIMO-OFDM based Wireless Transceivers in the Presence of Hardware Impairments



PRIYA AGGARWAL

MT13132 (ECE)

Advisor: Dr Anubha Gupta
Analytical techniques towards identification of human brain functional networks



DHERYTA JAISINGHANI

Ph.D.1211 (CSE)

Advisors: Dr Vinayak Naik, Dr Sanjit Kaul
Understanding the Role of Active Scans for their Better Utilization in Large-scale WiFi Networks



GARVITA BAJAJ

MT12065 (CSE)

Advisor: Dr Pushpendra Singh
PickMe: Task Allocation in Mobile Crowdsensing



ROBIN KUMAR VERMA

Ph.D.1214 (CSE)

Advisors: Dr Gaurav Gupta, Dr Donghoon Chang
Digital Forensics 2.0: an automated, efficient, privacy-preserving digital forensic investigation framework



SRISHTI GUPTA

Ph.D.1316 (CSE)

Advisor: Dr Ponnurangam Kumaraguru
Identifying and Mitigating Cross-Platform Phone Number Abuse on Social Channels



GAURAV GOSWAMI

Ph.D.1202 (CSE)

Advisors: Dr Richa Singh, Dr Mayank Vatsa
Unraveling Representations for Face Recognition: from Handcrafted to Deep Learning



HAROON RASHID LONE

Ph.D.1307 (CSE)

Advisor: Dr Pushpendra Singh
Detecting Anomalous Energy Consumption in Buildings using Smart Meter Data



SHIJU S

Ph.D.14102 (CB)

Advisor: Dr Sriram K
Modeling the circadian dynamics of morning and evening oscillators and the role of circadian rhythm in learning and memory



VANIKA SINGHAL

Ph.D.15014 (CSE)

Advisor: Dr Angshul Majumdar
Deep Dictionary Learning



COMPUTER SCIENCE & ENGINEERING (CSE)

MT17001	ADITI CHAUHAN*	MT17035	PONNAGANTI SRINIVAS RAO*
MT17003	AKSHARA RAI	MT17037	PRADEEP PANT*
MT17004	AMAN UNIYAL	MT17041	PRATEEK RAWAT
MT17005	ANURAG BANSAL*	MT17043	PRIYABRATA MALLICK*
MT17008	ASHISH VERMA*	MT17044	RACHESH SHARMA*
MT17009	CHETNA WADHWA	MT17045	RAJSHREE KHARE*
MT17010	CHIRAG KHURANA	MT17046	RAKESH SINGH RAWAT
MT17011	DHEERAJ SINGH	MT17047	RAKHI CHOUDHARY*
MT17012	DILIP KUMAR GANGWAR*	MT17048	RHYTHM NAGPAL
MT17013	HIMANI KAIRA*	MT17049	RISHABH NARULA*
MT17014	HIMANI SHARMA	MT17050	ROHIT SETHI*
MT17015	HIMANSHU AGGARWAL*	MT17051	RUCHIKA LAKHINA*
MT17016	HIMANSHU PUNETHA	MT17052	SAMEER KHURANA
MT17019	JYOTI SAROHA*	MT17053	SANJOLI JAIN
MT17022	KULDEEP SINGH*	MT17054	SHRIOM TIWARI*
MT17023	KUNAL SURYAVANSHI*	MT17055	SHUBHAM GOYAL*
MT17024	MALLIKA GUPTA	MT17056	SHUBHAM SINGHAL
MT17025	MANISH TOMAR	MT17057	SHUBHI TIWARI*
MT17026	MANPREET KAUR	MT17058	SHUBHRATA KHANDELWAL
MT17030	NARESH NUNNA	MT17059	SUBHANKAR ADAK*
MT17031	NITIN JAIN*	MT17060	SUMAN KUMAR
MT17033	OJASVI AGGARWAL		

MT17061	TANMAY GARG*		DATA ENGINEERING
MT17062	URVASHI CHOUDHARY*	MT17007	ARPAN MUKHERJEE*
MT17063	UTKARSH DUBEY*	MT17017	JALAJ GAMBHIR
MT17064	VAIBHAV GARG*	MT17021	KRITIKA BANSAL
MT17065	VAIBHAV VARSHNEY	MT17027	MITUL VOHRA
MT17066	VAISHALI DABRAL*	MT17028	MOHIT CHAWLA*
MT17067	VALLAMCHETTY NAGA DWARAKA MAI*	MT17032	NIYATI SINGAL
MT17068	VANI AGARWAL*	MT17034	PALLAVI RAWAT
MT17069	VISHAL GULIA	MT17036	PRABHAT KUMAR*
MT17070	YASHIKA GOEL		INFORMATION SECURITY
MT17071	YOGESH	MT17042	PRERNA KALLA

*Students graduated on August 21, 2019
All others have graduated on May 21, 2019



ELECTRONICS & COMMUNICATIONS ENGINEERING (ECE)

MT17088	DEEKSHA*	MT17085	AYUSH GARG*
MT17093	ISHIT AGARWAL*	MT17086	CHAITANYA PATHAK
MT17094	JAPJIT SINGH*	MT17087	CHAUDHARI VAIBHAV ISHWARLAL
MT17096	KANKANALA MANOHAR REDDY*	MT17092	ISHAN BHATIA*
MT17097	MAHAK JAIN*	MT17095	KAIYNAT ZAFER
MT17098	MANAV CHANDNA*	MT17102	NAINA AGGARWAL
MT17099	MISHAL KUMAR*	MT17103	NIHAL SINGLA*
MT17100	MUDIT AWASTHI*	MT17104	NIMISH AGARWAL*
MT17108	PENDHARKAR ABHIJEET RAMESH*	MT17105	O.V.S. SHASHANK RAM*
MT17109	PIYUSH GUPTA*	MT17106	PATIL SUYOG BHIMRAO SUVARNA
MT17112	RAMANUJAPURAM PHANINDRA	MT17107	PATIL VINAY ONKAR*
MT17116	SAKSHAR PATHAK*	MT17110	PRIYANSHI GAUR*
MT17118	SANKET RASTOGI*	MT17114	ROBIN SHARMA
MT17123	SHUBHANGI AGRAWAL	MT17117	SAMYAK SHUKLA
MT17124	SUBHADIP PORIA*	MT17119	SAURABH SHARMA*
		MT17120	SHAH HITARTH DIPESHBHAI*
VLSI & ES		MT17121	SHIVANGI PRITAM
MT17082	ANUSHREE SINGLA	MT17122	SHIVENDRA SINGH*
MT17083	ASHWIN KRISHNAN	MT17125	SWASTIKA KUMARI
MT17084	AVINASH PANDIT*	MT17127	VISHAL KUMAR*

CSP

MT17081	AJAY P	MT17091	GAURAV DUGGAL*
MT17090	FATIMA MUMTAZ*	MT17128	YOSHANA DEEP*

COMPUTATIONAL BIOLOGY (CB)

MT17141	ABHISHEK AGARWAL*	MT17146	SANA AKHTER*
MT17142	ADITI SHARMA*	MT17147	SHIVAM
MT17143	AKSHITA SAWHNEY*	MT17148	SUNIDHI*
MT17144	MEGHAL DANI*	MT17149	TANYA SINGH*
MT17145	ROHIT KUMAR VERMA*		

DUAL DEGREE (B. TECH. + M. TECH.)

2013071 OJASWI GUPTA (CSE)*

*Students graduated on August 21,2019
All others have graduated on May 21, 2019



B. TECH. (WITH HONOURS)**COMPUTER SCIENCE & ENGINEERING (CSE)**

2015021	DATTATREYA MOHAPATRA	2015107*	TUSHAR ARORA
2015026	DHRUVA SAHRAWAT	2015126	AKHIL GOEL
2015032	GUNKIRAT KAUR	2015169	SARTHAK JINDAL
2015039	HASAN KAMAL	2015170	SARTHIKA DHAWAN
2015049	KUSHAGRA ARORA	MINOR IN CB	
2015050	LAMHA GOEL	2015007	ADITYA ADHIKARY
2015060	MOHIT AGARWAL	2015014	ANANNYA UBEROI
2015065	NIKHIL HASSIJA*	2015024	DEVISHI KESAR
2015068	PARIMI VIRAJ	2015117	YELLAPRAGADA SANTOSHI RAMYA
2015076	RISHABH GARG	MINOR IN ECONOMICS	
2015083	SANCHIT SINHA	2015030	GAURAV GEHLOT
2015091	SHASHWAT CHAUDHARY	2015184	TUSHAR KATARIA*
2015097	SHREYASH ARYA*		

ELECTRONICS & COMMUNICATIONS ENGINEERING (ECE)

2015129	ANUBHAV JAIN*	MINOR IN ECONOMICS	
2015146	MANASI MALIK	2015167	SAGAR KHURANA
2015158	PULKIT GOEL*	2015180	SHUBHANKAR R BUTTA
2015175	SHAGUN KAPUR		

B. TECH. (WITHOUT HONOURS)**COMPUTER SCIENCE & ENGINEERING (CSE)**

2012094	SHIKHA MADAAN*	2015034	GURPAL SINGH*
2013053	KUNAL CHOUDHARY*	2015036	HARSHIT SHARMA
2013118	VISHAL	2015037	HARSHIT VERMA
2014015	ANANT MITTAL*	2015038	HARSHPREET SINGH
2014103	SIDDHARTH ARYA	2015041	ISHBIR WALIA
2015001	AAKASH DEEP	2015042	ISHMEET KAUR*
2015002	AARUSHI ARYA	2015044	JAI NAGAR
2015003	AAYUSHI MALIK	2015045	KATARI SAKETHRAM
2015005	ABHISHEK CHAUHAN	2015046	KATYAYANI SINGH
2015006	ABHISHEK VASHISHT	2015047	KHUSHVINDER VAID
2015008	AJAY BALASUBRAMANIAN	2015048	KSHITIJ GUPTA
2015009	AJIT SINGH	2015051	LUV SHARMA
2015010	AKARSHA SEHWAG*	2015053	MANIK ARORA
2015011	AKASH KUMAR GAUTAM	2015054	MAYANK BHORIA
2015012	AMAN AGARWAL	2015056	MAYANK MOHINDRA*
2015013	AMIT JAGGI*	2015057	MD. ALTAF RAZA
2015015	ANIRUDH SINGH	2015058	MOHD AADIL
2015017	ASHUTOSH BATABYAL	2015061	MRIDUL GUPTA*
2015019	CHAINIKA TANWAR	2015062	MRINAL ABROL
2015022	DEEPAK GUPTA	2015063	NAMBIAR PRANAV V V SURENDRAN
2015025	DEWANSH GAUTAM	2015064	NAVEEN ATTRI
2015028	DIVYANSHU TALWAR		

2015066	NISHANT SINHA	2015099	SHYAM AGRAWAL
2015069	PARTH MITTAL	2015100	SIDDHARTH CHANDRA
2015070	PAWAN KUMAR	2015102	SOURAV
2015072	PRASHANT	2015103	SUBRAMANYAM VENKATA DANTU
2015075	RAUNAK SINHA	2015105	TANISHQ CHAUDHARY*
2015077	RISHABH KHATRI	2015106	TANMAY GOYAL
2015078	ROHIT KUMAR	2015111	VAIBHAV KASHYAP
2015079	ROHIT RAJ	2015112	VARNIT JAIN
2015080	RONAK KUMAR	2015113	VASU AGARWAL
2015081	RUPAL JAIN	2015114	VEDANT NANDA
2015082	SAKSHAM SURI	2015115	VISHAL RAJ DUTTA
2015085	SANIDHYA SINGAL	2015116	YASHASVI BAWEJA*
2015086	SARTHAK GARG	2015118	YOHAAN GULIA
2015087	SAURABH KAPUR	2015120	ABHINAV KHATTAR
2015089	SAURABH KUMAR	2015160	RADHIKA GHOSAL*
2015090	SHAAN CHOPRA	2015178	SHREYANS MONGIA*
2015092	SHASHWAT MALIK*	2015186	VANSHIT GUPTA
2015093	SHIVANI RAINA		
2015094	SHIVEN MIAN	MINOR IN ECONOMICS	
2015095	SHOURYA SHARMA	2015029	GARGI GUPTA
2015096	SHREYA SHARMA*	2015108	TUSHITA RATHORE
2015098	SHUBHAM KUMAR*		

ELECTRONICS & COMMUNICATIONS ENGINEERING (ECE)

2014130	AISHWARYA RAJ	2015155	PARIKSHIT KUMAR PRUTHI*
2014168	TARUN VERMA	2015156	PARTH TIWARI
2015119	AAKANKSHA	2015157	PRASOON JAIN
2015130	APOORVA	2015159	PUNEET MOHAN PURIA
2015132	ARPAN MONDAL	2015162	RAJAT AGGARWAL
2015133	ARAVINDA KUMARAN VENKADESWARAN	2015163	RAJAT KUMAR
2015134	ARYAN SAINI	2015164	RAJESH KUMAR
2015135	AVDESH KUMAR	2015165	RAVI SHARMA
2015136	BHAVNA	2015168	SAMBEET KUMAR
2015138	DHEERAJ*	2015171	SATYENDER
2015139	EKANSH	2015172	SAUMYA BALODI
2015140	GURPREET SINGH	2015174	SAURAV KUMAR
2015142	KARTIK MATHUR	2015179	SHUBHAM KHANNA*
2015143	KAUSTUBH SINGH*	2015181	SIRIPARAPU VINDHYA Y V
2015144	KRISHAN BIHARI	2015182	SUMEET KUMAR BHARDWAJ*
2015145	KUNAL SHARMA	2015183	SYESHA GIRDHER*
2015147	MAYANK KUMAR PAL*	2015187	VARSHITA GUPTA
2015148	MOHIT KUMAR	2015188	VEDANT KASHYAP
2015149	MRIDUL SHARMA*	2015190	VIJYETA SAMVEDI
2015150	NIKHIL VERMA		
2015151	NISHANT GAHLAWAT	MINOR IN ECONOMICS	
2015154	PARAS JAIN	2015122	ADITI BAINSS

*Students graduated on August 21,2019
All others have graduated on May 21, 2019

M.TECH.THESES

OJASWI GUPTA

CSE, 2013071

Advisors: Ojaswa Sharma, Kaushik Kalyanaraman

Title: Surface reconstruction from linear cross-Sections

ARPAN MUKHERJEE

CSE, MT17007

Advisors: Tanmoy Chakraborty

Title: Analyzing User Discussion Dynamics in Social Media Platforms

HIMANSHU AGGARWAL

CSE, MT17015

Advisors: Rajiv Ratn Shah, Dr. Yi Yu (NII, Tokyo)

Title: Supervised Generative Adversarial Cross-Modal Hashing By Transferring Pairwise Similarities For Venue Discovery

MOHIT CHAWLA

CSE MT17028

Advisors: Richa Singh, Mayank Vatsa

Title: Disguised Face Recognition

PRABHAT KUMAR

CSE MT17036

Advisors: Mayank Vatsa, Richa Singh

Title: Reenactment Detection In Videos

RACHESH SHARMA

CSE, MT17044

Advisors: Angshul Majumdar, Vibhor Kumar

Title: Random Forest of Imputation Trees for sparse single cell genomics data

VAIBHAV GARG

CSE, MT17064

Advisor: Ponnurangam Kumaraguru

Title: Detecting Fake Profiles on Online Matrimony

VANI AGARWAL

CSE, MT17068

Advisors: Arun Balaji Buduru, Ponnurangam Kumaraguru

Title: Multimodal Content Moderation Across Multiple Platforms with Capsule Networks and Co-Training

AVINASH PANDIT

ECE, MT17084

Advisor: Anuj Grover

Title: Low Phase Noise and Fast Startup Crystal Oscillator

FATIMA MUMTAZ

ECE, MT17090

Advisors: Shobha Sundar Ram, Swapna Purandare

Title: Development of harmonic radar for insect detection

GAURAV DUGGAL

ECE, MT17091

Advisor: Shobha Sundar Ram

Title: Doppler-Resilient 802.11ad-Based Ultra-Short Range Automotive Radar

ISHAN BHATIA

ECE, MT17092

Advisor: Sneha Saurabh

Title: Investigation of Timing of Logic Gates realized using Probabilistic Spin Logic (PSL)

KANKANALA MANOHAR REDDY

ECE, MT17096

Advisor: Sumit Darak

Title: Framework for Enabling Hardware Acceleration in GNU Radio

MISHAL KUMAR

ECE, MT17099

Advisor: Anuj Grover

Title: A 32KB Wide Voltage Range Timing Speculative SRAM in 28nm CMOS

MUDIT AWASTHI

ECE, MT17100

Advisor: Anuj Grover

Title: A 28Gbps Serializer & Deserializer For High Speed IO Links

NIMISH AGARWAL

ECE, MT17104

Advisor: Sneha Saurabh

Title: Improving the Retention Time of a Dopingless 1T DRAM using Gate Engineering

O V S SHASHANK RAM

ECE, MT17105

Advisor: Sneha Saurabh

Title: Modeling Multiple Input Switching in Timing Analysis using Machine Learning

PATIL VINAY ONKAR

ECE, MT17107

Advisors: Anuj Grover, Anuj Prashar (Synopsis)

Title: Design of Sense Amplifier for Wide Voltage Range Operation of Split Supply Memories

SHAH HITARTH DIPESHBHAI

ECE, MT17120

Advisors: Anuj Grover, Dhori Janardhan

Title: Design For Test: Identifying The Weak Retention Bits

SHIVENDRA SINGH

ECE, MT17122

Advisor: Anuj Grover

Title: Impact And Detection Of Partial Resistive Defects and BTI on SRAM Decoder

SUBHADIP PORIA

ECE, MT17124

Advisor: Sneha Saurabh

Title: Suppression of Ambipolar current in Tunnel Field-Effect Transistor using Field-Plate

YOSHANA DEEP

ECE, MT17128

Advisor: Shobha Sundar Ram

Title: Polarimetric radar cross-sections of pedestrians at automotive radar frequencies

ABHISHEK AGARWAL

CB, MT17141

Advisor: Vibhor Kumar

Title: Finding correct mouse model for human cells using single cell genomics

ADITI SHARMA

CB, MT17142

Advisor: Ganesh Bagler

Title: Prediction of sweetness using machine learning models

AKSHITA SAWHNEY

CB, MT17143

Advisor: Debajyoti Bera

Title: Stage classification of clear cell renal cancer based on gene expressions

MEGHAL DANI

CB, MT17144

Advisor: Richa Singh, Mayank Vatsa

Title: An fMRI investigation of Autism Spectrum Disorder: Detection and Analysis

ROHIT KUMAR VERMA

CB, MT17145

Advisor: Vibhor Kumar

Title: Cell free analysis in detection of diseases

SANA AKHTER

CB, MT17146

Advisor: Gajendra P S Raghava

Title: Computational resources for predicting rare diseases associated mutations in lysosomal enzymes

SHIVAM

CB, MT17147

Advisor: Debarka Sengupta

Title: Personalised antibiotic prescription in urinary tract infection

SUNIDHI

CB, MT17148

Advisor: Ashish Kumar Pandey

Title: Framework for stratifying medical errors in NICUs and finding their association with clinical outcomes

TANYA SINGH

CB, MT17149

Advisor: Ashish Kumar Pandey

Title: Predicting health phenotype of neonates in electronic NICU environment to identify early markers of disease physiology

B.TECH. PROJECTS

AAYUSHI MALIK

CSE, 2015003

Advisor: Pravesh Biyani

Title: Speech Denoising with Re-synthesis

ABHINAV KHATTAR

CSE, 2015120

Advisors: Ponnuram Kumaraguru, Tanmoy Chakraborty

Title: Hierarchical Meta-Path Based Collective Classification of Spammers Abusing Online Social Networks

ABHISHEK CHAUHAN

CSE, 2015005

Advisor: Debarka Sengupta

Title: Integrated analysis of single cell RNA-seq data to elucidate metabolic programming of cells

ADITYA ADHIKARY

CSE, 2015007

Advisor: Tanmoy Chakraborty

Title: HawkesEye: Detecting Fake Retweeters using Hawkes Process and Topic Modeling

AJAY BALASUBRAMANIAN

CSE, 2015008

Advisors: Mayank Vatsa, Richa Singh

Title: Universal Face Detection

AKARSHA SEHWAG

CSE, 2015010

Advisors: Mayank Vatsa, Richa Singh

Title: Face Perturbations

AKHIL GOEL

CSE 2015126

Advisors: Mayank Vatsa, Richa Singh

Title: Adversary Detection Tool

AMAN AGARWAL

CSE, 2015012

Advisor: Ponnuram Kumaraguru

Title: Virality of Content on Social Media

AMIT JAGGI

CSE, 2015013

Advisor: Debarka Sengupta

Title: Integrated analysis of single cell RNA-seq data to elucidate metabolic programming of cells

ANANNYA UBEROI

CSE, 2015014

Advisor: Mayank Vatsa, Richa Singh

Title: Digital Presentation Attacks on Facial Images

ANANT MITTAL

CSE, 2014015

Advisor: Anubha Gupta, Luiz Pessoa

Title: Evaluating different types of RNNs learning methodologies for fMRI data analysis

ANIRUDH SINGH

CSE, 2015015

Advisor: Mayank Vatsa, Richa Singh

Title: Adversary Detection Tool

ARAVINDA KUMARAN VENKADESWARAN

CSE, 2015133

Advisor: Saket Anand

Title: Semi Supervised Accent Invariant Speech Recognition

ASHUTOSH BATABYAL

CSE, 2015017

Advisor: Pushpendra Singh

Title: Harmony - SAKSHAM

DATTATREYA MOHAPATRA

CSE, 2015021

Advisors: Ganesh Bagler, Vikram Goyal

Title: Modeling temporal growth of scientific citation profile networks

DEEPAK GUPTA

CSE, 2015022

Advisor: Pankaj Jalote

Title: Swacch Bharat e-Marketplace

DEVISHI KESAR

CSE, 2015024

Advisors: Sanjit Krishnan Kaul, Mukulika Maity

Title: Data driven analysis of Wi-Fi networks

DHRUVA SAHRAWAT

CSE, 2015026

Advisors: Saket Anand, Sanjit Krishnan Kaul

Title: Understanding Driver Gaze Behavior for Driver Assistance Systems

DIVYANSHU TALWAR

CSE, 2015028

Advisors: Saket Anand

Title: Disentangling Latent Factors of Variation for Visual Data

GARGI GUPTA

CSE, 2015029

Advisors: Gaurav Arora, Saket Anand

Title: Socioeconomic and Biophysical Drivers of Agricultural Intensification in India: A Dynamic Panel Analysis using Remotely-Sensed Data and Administrative Surveys (An Economic Characterization of India's Land Use Change)

GAURAV GEHLOT

CSE, 2015030

Advisors: Syamantak Das

Title: Multiprocessor Scheduling with Rejections: Theory and Practice

GUNKIRAT KAUR

CSE, 2015032

Advisors: Mayank Vatsa, Richa Singh

Title: Video Based Person Re-Identification

HARSHIT VERMA

CSE, 2015037

Advisor: Aman Parnami

Title: Wear'N'Go

HASAN KAMAL

CSE, 2015039

Advisors: Mayank Vatsa, Richa Singh

Title: Multimodal Deep Representation Learning

ISHMEET KAUR

CSE, 2015042

Advisors: Debarka Sengupta

Title: Detection of Circulatory Tumour Cells

KATYAYANI SINGH

CSE, 2015046

Advisors: Ojaswa Sharma, Arindam Dey

Title: Extended Reality-Based Procedural Task Training Systems for Young Children

KUSHAGRA ARORA

CSE, 2015049

Advisors: Rajiv Raman, Syamantak Das

Title: A Combinatorial Algorithm for Fault Tolerant k-Median Clustering on a Line Metric

LAMHA GOEL

CSE, 2015050

Advisors: Mayank Vatsa, Richa Singh

Title: Self Supervised and Collaborative Learning

LUV SHARMA

CSE, 2015051

Advisors: Mayank Vatsa, Richa Singh

Title: Multimodal Deep Representation Learning

MAYANK MOHINDRA

CSE, 2015056

Advisor: Sambuddho Chakravarty

Title: Routing Under the Hood: Analysing the Impact of Growing CDNs on Network Paths and Anti-Censorship Approaches

MOHIT AGARWAL

CSE, 2015060

Advisors: Mayank Vatsa, Richa Singh**Title:** Animal Biometrics**MRIDUL GUPTA**

CSE, 2015061

Advisors: Debarka Sengupta**Title:** Cloning Machine Intelligence**NAMBIAR PRANAV V V SURENDRAN**

CSE, 2015063

Advisors: Chetan Arora, Saket Anand**Title:** Capturing Mannerisms in Speech Data**NAVEEN ATTRI**

CSE, 2015064

Advisors: Ojaswa Sharma**Title:** Telemedicine with VR**NIKHIL HASSIJA**

CSE, 2015065

Advisors: Sambuddho Chakravarty**Title:** Real Time Traffic over Tor**PARIMI VIRAJ**

CSE, 2015068

Advisors: Tanmoy Chakraborty, Ponnuram Kumaraguru**Title:** Understanding Vulnerability of Communities in Social Networks**PARTH MITTAL**

CSE, 2015069

Advisors: Debajyoti Bera**Title:** Efficient Computation of Betweenness Centrality**PRASHANT**

CSE, 2015072

Advisors: Timothy Scott Moyers Jr.**Title:** Game Design And Procedural Asset Creation in Unreal and Houdini**RADHIKA GHOSAL**

CSE, 2015160

Advisor: Aman Parnami**Title:** Rapid prototyping of pneumatically-actuated inflatables**RAUNAK SINHA**

CSE, 2015075

Advisors: Mayank Vatsa, Richa Singh**Title:** KinshipGAN: Generating Kin Images**RISHABH GARG**

CSE, 2015076

Advisors: Mayank Vatsa, Richa Singh**Title:** Heterogeneity Aware Loss for Biometric Recognition**SAKSHAM SURI**

CSE, 2015082

Advisors: Mayank Vatsa, Richa Singh**Title:** Improving Face Recognition Performance using Color, Shape, Symmetry and Texture Attributes**SANCHIT SINHA**

CSE, 2015083

Advisors: Mayank Vatsa, Richa Singh**Title:** Animal Biometrics**SANIDHYA SINGAL**

CSE, 2015085

Advisor: Ojaswa Sharma**Title:** Procedural Creation of VR Walkthroughs**SARTHAK JINDAL**

CSE, 2015169

Advisors: Mayank Vatsa, Richa Singh**Title:** NewsBag: A Benchmark Dataset for Fake News Detection**SARTHIKA DHAWAN**

CSE 2015170

Advisor: Tanmoy Chakraborty**Title:** Fake Reviewer Group Detection**SHAAN CHOPRA**

CSE, 2015090

Advisors: Mayank Vatsa, Richa Singh**Title:** Fingerphoto Authentication in an Unconstrained Environment**SHASHWAT CHAUDHARY**

CSE, 2015091

Advisor: Sambuddho Chakravarty**Title:** Real Time Traffic over Tor**SHASHWAT MALIK**

CSE, 2015092

Advisors: Paro Mishra, Anupam Saronwala**Title:** FiNC**SHIVEN MIAN**

CSE, 2015094

Advisor: Ponnuram Kumaraguru**Title:** Analysis of fake liking behavior and Services for Instagram**SHREYA SHARMA**

CSE, 2015096

Advisor: Pushpendra Singh**Title:** Harmony - SAKSHAM**SHREYANS MONGIA**

CSE, 2015178

Advisors: Ponnuram Kumaraguru, Arun Balaji Buduru**Title:** Analyzing and Measuring the Information Collateral Damage of an Entity on the Internet**SHREYASH ARYA**

CSE, 2015097

Advisor: Ponnuram Kumaraguru**Title:** Information Fusion in Location-Based Services**SHUBHAM KUMAR**

CSE 2015098

Advisor: Debarka Sengupta**Title:** Detection of Circulatory Tumor Cells**SUBRAMANYAM VENKATA DANTU**

CSE, 2015103

Advisor: Pankaj Jalote**Title:** Traffic and Congestion Analysis using Online Mapping Services**TANISHQ CHAUDHARY**

CSE, 2015105

Advisor: Manohar Khushalani**Title:** New Media Research and App Development**TANMAY GOYAL**

CSE, 2015106

Advisors: Pankaj Jalote**Title:** Traffic and Congestion Analysis using Online Mapping Services**TUSHAR ARORA**

CSE, 2015107

Advisors: Mayank Vatsa, Richa Singh**Title:** Spiking Neural Network and L2,1 Feature Selection on spikeprop for Faster Convergence**TUSHAR KATARIA**

CSE, 2015184

Advisor: Tanmoy Chakraborty**Title:** Sentiment analysis of news and social-media for creating trading strategies**TUSHITA RATHORE**

CSE, 2015108

Advisors: Gaurav Arora, Saket Anand**Title:** Socioeconomic and Biophysical Drivers of Agricultural Intensification in India: A Dynamic Panel Analysis using Remotely-Sensed Data and Administrative Surveys (An Economic Characterization of India's Land Use Change)**VARNIT JAIN**

CSE, 2015112

Advisor: Pankaj Jalote**Title:** Traffic and Congestion Analysis using Online Mapping Services

VASU AGARWAL

CSE, 2015113

Advisor: Tanmoy Chakraborty**Title:** Sentiment analysis of news and social-media for creating trading strategies**VEDANT NANDA**

CSE, 2015114

Advisor: Ponnurangam Kumaraguru**Title:** #KillFie: Understanding Dangerous Selfies**VISHAL RAJ DUTTA**

CSE, 2015115

Advisor: Tanmoy Chakraborty**Title:** HawkesEye: Detecting Fake Retweeters using Hawkes Process and Topic Modeling**YASHASVI BAWEJA**

CSE, 2015116

Advisors: Mayank Vatsa, Richa Singh**Title:** Heterogeneous Deep Metric Learning for Cross-Modal Biometric Recognition**YELLAPRAGADA SANTOSHI RAMYA**

CSE, 2015117

Advisors: Mayank Vatsa, Richa Singh**Title:** Colorization of Face Sketch Images using Supervised Generative Adversarial Networks**ANUBHAV JAIN**

ECE, 2015129

Advisors: Mayank Vatsa, Richa Singh**Title:** Image forensics**APOORVA**

ECE, 2015130

Advisors: Shobha Sundar Ram**Title:** Design of 2D phased array antenna**ARPAN MONDAL**

ECE, 2015132

Advisors: Shobha Sundar Ram, Saket Anand**Title:** Camera and RADAR Sensor Fusion for Vehicular Applications**ARYAN SAINI**

ECE, 2015134

Advisor: Aman Parnami**Title:** Designing Wearable Trinkets and Toolkits**AVDESH KUMAR**

ECE, 2015135

Advisor: Pravesh Biyani**Title:** Traffic Analysis through GPS Data**BHAVNA**

ECE, 2015136

Advisor: Shobha Sundar Ram**Title:** Design of 2D phased array antenna**EKANSH**

ECE, 2015139

Advisors: Anubha Gupta**Title:** Studying functional brain networks arising during music and rest state using EEG signals**KARTIK MATHUR**

ECE, 2015142

Advisor: Aman Parnami**Title:** Designing Wearable Trinkets and Toolkits**KAUSTUBH SINGH**

ECE, 2015143

Advisor: Sujay Deb**Title:** Efficient Communication Infrastructures in Future Heterogeneous System Architectures**MANASI MALIK**

ECE, 2015146

Advisors: Ganesh Bagler, Arpan Banerjee**Title:** Network Analysis of Neuro-Cognitive Processes**MAYANK KUMAR PAL**

ECE 2015147

Advisors: Sanjit Krishnan Kaul, Saket Anand**Title:** A Reinforcement Learning Approach to Jointly Adapt Vehicular Communications and Planning for Optimized Driving**MRIDUL SHARMA**

ECE, 2015149

Advisors: Pankaj Jalote**Title:** Swacch Bharat e- Marketplace**NISHANT GAHLAWAT**

ECE, 2015151

Advisors: Abhijit Mitra, Anand Srivastava**Title:** Study of the Impact of Optical Non-linearity Interference on Elastic Optical Networks**PAIKSHIT KUMAR PRUTHI**

ECE, 2015155

Advisor: Pravesh Biyani**Title:** Automated Vending Machine**PULKIT GOEL**

ECE, 2015158

Advisors: Saket Anand, Alexander Fell**Title:** Co-Designing CNN and FPGA Architectures Using Compression and Optimization Techniques**RAJESH KUMAR**

ECE, 2015164

Advisors: P.B.Sujit**Title:** Post Disaster Wireless Communication**SAGAR KHURANA**

ECE, 2015167

Advisors: Aman Parnami**Title:** Wear'N'Go**SAUMYA BALODI**

ECE, 2015172

Advisors: Pravesh Biyani**Title:** Traffic Analysis through GPS Data**SHAGUN KAPUR**

ECE, 2015175

Advisors: Sneh Saurabh, Anuj Grover**Title:** Multi-level RRAM Design using Confinement of Conducting Filament**SHUBHANKAR R BUTTA**

ECE, 2015180

Advisor: Pravesh Biyani**Title:** Automated Vending Machine**SIRIPARAPU VINDHYA Y V**

ECE, 2015181

Advisor: Shobha Sundar Ram**Title:** Design of 2D phased array antenna**VARSHITA GUPTA**

ECE, 2015187

Advisors: Sneh Saurabh, Anuj Grover**Title:** Multilevel RRAM Design using Confinement of Conducting Filament

PUBLICATIONS

BY GRADUATING STUDENTS 2019

DOCTOR OF PHILOSOPHY (Ph.D.)- CSE

ALVIKA GAUTAM, P.B Sujit, Srikanth Saripalli, “A survey of autonomous landing techniques for UAVs”, ICUAS, Orlando, FL, USA 2014

ALVIKA GAUTAM, P.B Sujit, Srikanth Saripalli, “Application of Guidance Laws to Quadrotor Landing”, International Conference on Unmanned Aircraft Systems, ICUAS, Denver, CO, USA, 2015

ALVIKA GAUTAM, P.B Sujit, Srikanth Saripalli, “Autonomous Quadrotor Landing Using Vision and Pursuit Guidance”, International Federation of Automatic Control, World Congress IFAC WC, Toulouse, France, 2017

ALVIKA GAUTAM, Ashwini Ratnoo, P.B Sujit, “Log Polynomial Velocity Profile for Vertical Landing”, Journal of Guidance, Control and Dynamics, JGCD, Vol. 47, Pg 1617-1623, 2018

ALVIKA GAUTAM, P.B Sujit, Srikanth Saripalli, “Vision based robust autonomous landing of a quadrotor on a moving target”, International Symposium of Experimental Robotics, ISER, Buenos Aires, Argentina, 2018

ALVIKA GAUTAM, Srikanth Saripalli, P.B Sujit, Ashwini Ratnoo, “Robust Autonomous Landing of a Quadrotor on a Moving Target”, American Helicopter Society, Annual Forum, 74th Annual AHS Forum, Phoenix, Arizona, US 2018

ANUJ S. SAXENA, Mayank Pundir, Vikram Goyal, Debajyoti Bera, “Preserving Location Privacy for Continuous Queries on Known Route”, 7th International Conference on Information Systems Security, ICISS, Kolkata, India, Dec 2011

ANUJ S. SAXENA, Vikram Goyal, Debajyoti Bera, “Efficient Enforcement of Privacy for Moving Object Trajectories”, 9th International Conference on Information Systems Security, ICISS, Kolkata, India, Dec 2013

ANUJ S. SAXENA, Vikram Goyal, Debajyoti Bera, “Mintra: Mining anonymized-trajectories with annotations”, 20th International Database Engineering & Applications Symposium IDEAS, Montreal, Canada, July 2016

ANUJ S. SAXENA, Debajyoti Bera, Vikram Goyal, “Modeling location obfuscation for continuous query”, Journal of Information Security and Applications, JISA, Vol. 44, pp 130-143, 2019

D. JAISINGHANI, V.Naik, S.Kaul, and S.Roy “Realtime Detection of Degradation in WiFi Network’s Goodput Due to Probe Traffic”, 11th International Workshop on Wireless Network Measurements and Experimentation (WiNMeE) in conjunction with the 13th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (WiOpt), Mumbai, May 2015

D. JAISINGHANI, V.Naik, S.Kaul, S.Roy “Sniffer-based Inference of the Causes of Active Scanning in WiFi Networks”, 23rd National Conference on Communications (NCC), Chennai, Mar 2017

D. JAISINGHANI, V.Naik, S. Kaul, R. Balan, and S. Roy “Improving the Performance of WLANs by Reducing Unnecessary Active Scans”, Journal Online, 2018

D. JAISINGHANI, R. Balan, V. Naik, Y. Lee, and A. Misra “Experiences & Challenges with Server-Side WiFi Indoor Localization Using Existing Infrastructure”, 15th EAI International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services (MobiQuitous), New York City, US, Nov 2018

H.Fulara, G.Singh, **D. JAISINGHANI**, M.Maity, T. Chakraborty, and V.Naik. “Use of Machine Learning to Detect Causes of Unnecessary Active Scans in WiFi Networks”, The 20th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks, WoWMoM, USA, May 2019

D. JAISINGHANI, V. Naik, and S. Kaul “Empirically derived mechanisms to detect and deal with the cause of performance drop in Wifi networks”, Ph.D. Forum held in conjunction with the 14th ACM International Conference on Mobile Systems, Applications, and Services (MobiSys’16), Singapore, June 2016

D. JAISINGHANI, G. Singh, H. Fulara, M. Maity, and V. Naik, “Demo: Elixir– Efficient Data Transfer in WiFi-based IoT nodes”, 24th Annual International Conference on Mobile Computing and Networking (Mobicom), New Delhi, Oct 2018

D. JAISINGHANI, V. Naik, S. Kaul “Mechanisms for Detecting and Mitigating Performance Drop in Large Scale WiFi Networks”, ASSET Symposium held in conjunction with the 14th ACM International Conference on Mobile Systems, Applications, and Services (MobiSys), Singapore, Jun 2016

D. JAISINGHANI “Understanding the Impact of Unnecessary Active Scans in WLANs”, Graduate Forum at 10th International Conference on COMMunication Systems & NETWORKS (ComsNets), India Best Presenter Award, Bangalore, Jan 2018

GARVITA BAJAJ, Pushpendra Singh, “Load-balanced task allocation for improved system lifetime in mobile crowdsensing”, 19th IEEE International Conference on Mobile Data Management, MDM, Aalborg, Denmark, June 2018

GARVITA BAJAJ, Rachit Agarwal, Pushpendra Singh, Nikolaos Georgantas, Valérie Issarny, “4W1H in IoT Semantics”, IEEE Access, 6, 65488-65506, 2018

GARVITA BAJAJ, Pushpendra Singh, “Sensing human activity for assessing participation in evacuation drills”, Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing, UbiComp, Osaka, Japan, Sep 2015

GARVITA BAJAJ, Pushpendra Singh, “Mew, A plug-n-play framework for task allocation in Mobile Crowdsensing”, Proceedings of the First ACM Workshop on Mobile Crowdsensing Systems and Applications, CrowdSenSys, Delft, Netherlands, Nov 2017

GARVITA BAJAJ, Rachit Agarwal, Georgios Bouloukakis, Pushpendra Singh, Nikolaos Georgantas, Valerie Issarny, “Towards building real-time, convenient route recommendation system for public transit”, IEEE International Smart Cities Conference, ISC2, Trento, Italy, Sep 2016

GARVITA BAJAJ, Pushpendra Singh, “Sahyog: A middleware for mobile collaborative applications”, 7th International Conference on New Technologies, Mobility and Security, NTMS, Paris, France, July 2015

GARVITA BAJAJ, Georgios Bouloukakis, Animesh Pathak, Pushpendra Singh, Nikolaos Georgantas, Valérie Issarny, “Toward enabling convenient urban transit through mobile crowdsensing”, IEEE 18th International Conference on Intelligent Transportation Systems, ITSC, Gran Canaria, Spain, Sep 2015

G. GOSWAMI, B.Powell, M.Vatsa, R.Singh, A.Noore” FaceDCAPTCHA: Face detection-based color image CAPTCHA”, Future Generation Computer Systems Journal, FGCS, Volume 31, Pages 59-68, 2014

G. GOSWAMI, B.Powell, M.Vatsa, R.Singh, A.Noore “fgCAPTCHA: Genetically Optimized Face Image CAPTCHA”, IEEE Access Journal Volume 2, Pages 473-484, 2014

G. GOSWAMI, B.Powell, M.Vatsa, R.Singh, A.Noore “FR-CAPTCHA: CAPTCHA Based on Recognizing Human Faces”, PLoS ONE Journal, Volume 9(4), 2014

G. GOSWAMI, M.Vatsa, and R.Singh “RGB-D Face Recognition with Texture and Attribute Features”, IEEE Transactions on Information Forensics and Security Journal, Volume 9 (10), Pages 1629-1640, 2014

G. GOSWAMI, P. Mittal, A. Majumdar, M.Vatsa, and R. Singh “Group Sparse Representation based Classification for Multi-feature Multimodal Biometrics”, Information Fusion Journal, IF, Volume 32 (B), Pages 3-12, 2016

A.Sankaran, **G. GOSWAMI**, M.Vatsa, R.Singh, and A.Majumdar “Class Sparsity Signature based Restricted Boltzmann Machines”, Pattern Recognition Journal, Volume 61, Pages 674-685, 2017

P.Mittal, A.Jain, **G. GOSWAMI**, M.Vatsa, R.Singh “Composite sketch recognition using saliency and attribute feedback”, Information Fusion Journal, IF, Volume 33, Pages 86-99, 2017

G. GOSWAMI, M. Vatsa, and R. Singh “Video Face Verification via Learned Representation on Feature-Rich Frames”, IEEE Transactions on Information Forensics and Security Journal IEEE TIFS, Volume 12 (7), Pages 1686-1698, 2017

P. Chhokra, A. Chowdhury, **G. GOSWAMI**, M. Vatsa, and R. Singh, “Unconstrained Kinect Video Face Database”, Information Fusion, IF, Volume 44, Pages 113-125, 2018

G. GOSWAMI, A.Agarwal, N.Ratha, R.Singh, M.Vatsa “Detecting and Mitigating Adversarial Perturbations for Robust Face Recognition”, International Journal of Computer Vision, IJCV, Volume 127 (6-7), Pages 719-742, 2019

GG. Goswami, R. Singh, M. Vatsa, B. M. Powell, and A. Noore, “Face Recognition CAPTCHA”, 5th IEEE International Conference on Biometrics: Theory, Applications and Systems, IEEE BTAS, Arlington, VA, USA, Sept 2012

G. GOSWAMI, S. Bharadwaj, M. Vatsa, and R. Singh, “On RGB-D Face Recognition using Kinect”, 6th IEEE International Conference on Biometrics: Theory, Applications and Systems, IEEE BTAS, Washington DC, USA, Sep 2013

P. Mittal, A. Jain, **G. GOSWAMI**, M. Vatsa, and R. Singh, “Recognizing Composite Sketches with Digital Face Images via SSD Dictionary”, IEEE/IAPR International Joint Conference on Biometrics, IJCB, Clearwater, FL, USA, Oct 2014

G. GOSWAMI, R. Bhardwaj, M. Vatsa, and R. Singh, “MDLFace: Memorability augmented deep learning for video face recognition”, IEEE/IAPR International Joint Conference on Biometrics, IJCB, Clearwater, FL, USA, Oct 2014

A. Jain, P. Mittal, **G. GOSWAMI**, M. Vatsa and R. Singh, “Person Identification at a Distance via Ocular Biometrics”, IEEE International Conference on Identity, Security and Behavior Analysis, IEEE ISBA, Hong Kong, Mar 2015

R. Bhardwaj, **G. GOSWAMI**, R. Singh and M. Vatsa, “Harnessing Social Context for Improved Face Recognition”, IAPR International Conference on Biometrics, ICB, Phuket, Thailand, May 2015

B. Powell, **G. GOSWAMI**, M. Vatsa, R. Singh, and A. Noore, “A Multibiometrics-based CAPTCHA for Improved Online Security”, 8th IEEE International Conference on Biometrics: Theory, Applications and Systems, IEEE BTAS, New York, USA, September, 2016

G. GOSWAMI, N. Ratha, M. Vatsa, and R. Singh, “Improving Classifier Fusion via Pool Adjacent Violators Normalization”, 23rd International Conference on Pattern Recognition, ICPR, Cancun, Mexico, Dec 2016

G. GOSWAMI, N. Ratha, A. Agarwal, R. Singh, and M. Vatsa, “Unravelling Robustness of Deep Learning based Face Recognition Against Adversarial Attacks”, 32nd AAAI Conference on Artificial Intelligence, AAAI, New Orleans, LA, USA, Feb 2018

G. GOSWAMI, R. Singh, M. Vatsa, A.Majumdar, “Kernel group sparse representation based classifier for multimodal biometrics”, International Joint Conference on Neural Networks, IJCNN, Anchorage, AK, USA, May 2017

Brian M Powell, Ekampreet Kalsy, **G. GOSWAMI**, Mayank Vatsa, Richa Singh, Afzel Noore, “Attack-resistant aiCAPTCHA using a negative selection artificial immune system”, IEEE Security and Privacy Workshops, SPW, San Jose, CA, USA, May 2017

G. GOSWAMI, M. Vatsa, R. Singh, “Face Recognition with RGB-D Images using Kinect”, In Face Recognition Across the Electromagnetic Spectrum, Book Editor Thirimachos Bourlai, Springer, 2015

T. I. Dhamecha, **G. GOSWAMI**, R. Singh, and M. Vatsa, “On the Importance of Frame Selection for Video Face Recognition”, Advances in Face Detection and Facial Image Analysis, Book Editors, Michal Kawulok, M.Emre Celebi, and Bogdan Smolka, Springer, 2015

HAROON RASHID, Pushpendra Singh, Krithi Ramamritham, “Revisiting selection of residential consumers for demand response programs”, 4th ACM International Conference on Systems for Energy-Efficient Built Environments, ACM-BuildSys, Delft, The Netherlands, Nov 2017

HAROON RASHID, Priyanaka M. Mammen, Siddharth Singh, Krithi Ramamritham, Pushpendra Singh, Prashant Shenoy, “Want to reduce Energy Consumption? Don't depend on the Customers!”, 4th ACM International Conference on Systems for Energy-Efficient Built Environments, ACM-BuildSys, Delft, The Netherlands, Nov 2017

HAROON RASHID, Nipun Batra, Pushpendra Singh, “Rimor: Towards identifying anomalous appliances in buildings”, 5th ACM International Conference on Systems for Energy-Efficient Built Environments, ACM-BuildSys, Shenzhen, China, Nov 2018

HAROON RASHID, Pushpendra Singh, “Monitor: An Abnormality Detection Approach in Buildings Energy Consumption”, 4th IEEE International Conference on Collaboration and Internet Computing, IEEE-CIC, Philadelphia, USA, Oct 2018

HAROON RASHID, Pushpendra Singh, Vladimir Stankovic, Lina Stankovic, “Can non-intrusive load monitoring be used for identifying an appliance’s anomalous behaviour?”, Applied Energy, Elsevier, 238, 796-805, 2019

HAROON RASHID, Pushpendra Singh, Amarjeet Singh, “I-BLEND, a campus scale commercial and residential buildings electrical energy dataset Scientific data, Nature 6, 190015, 2019

HAROON RASHID, Vladimir Stankovic, Lina Stankovic, Pushpendra Singh, “Evaluation of Non-Intrusive Load Monitoring Algorithms for Appliance-level Anomaly Detection”, IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP, Brighton, UK, May 2019

Priyanak M. Mammen, Hareesh Kumar, Krithi Ramamritham, **HAROON RASHID** “Want to Reduce Energy Consumption, Whom should we call?” ninth ACM International Conference on Future Energy Systems, ACM e-Energy, Karlsruhe, Germany, June, 2018

JAYAPRAKASH GOVINDARAJ, Robin Verma, Gaurav Gupta, “Precognition: Automated Digital Forensic Readiness System for Mobile Computing Devices in Enterprises”, 13th Annual ADFSL Conference on Digital Forensics, Security and Law, ADFSL, San Antonio, Texas, May 2018

Robin Verma, **JAYAPRAKASH GOVINDARAJ**, and Gaurav Gupta DF 2.0: Designing an automated, privacy preserving, and efficient digital forensic framework”, 13th Annual ADFSL Conference on Digital Forensics, Security and Law, ADFSL, San Antonio, Texas, US, May 17-18, 2018.

JAYAPRAKASH GOVINDARAJ, Robin Verma, and Gaurav Gupta, “Now I See you: Forensic analysis of Mobile Ads to Identify user”, Twelfth Annual IFIP WG 11.9 International Conference on Digital Forensics, IFIP WG 11.9, New Delhi, India, Jan 4-6, 2016

Robin Verma, **JAYAPRAKASH GOVINDARAJ**, and Gaurav Gupta, “Data Privacy Perceptions About Digital Forensic Investigations in India”, Twelfth Annual IFIP WG 11.9 International Conference on Digital Forensics, IFIP WG 11.9, New Delhi, India. Jan 4-6, 2016

JAYAPRAKASH GOVINDARAJ, Rashmi, Robin Verma and Gaurav Gupta, “iSecureRing: Forensic-Ready Secure iOS Apps for Jailbroken iPhones”, Eleventh Annual IFIP WG 11.9 International Conference on Digital Forensics, IFIP WG 11.9, Orlando, Florida. Jan 26-28, 2015

Shariq Murtuza, Robin Verma, **JAYAPRAKASH GOVINDARAJ**, Gaurav Gupta, “A Tool for Extracting Windows 8.X App Static and Volatile Forensic Artifacts”, Eleventh Annual IFIP WG 11.9 International Conference on Digital Forensics, IFIP WG 11.9, Orlando, Florida, Jan 26-28, 2015

Robin Verma, **JAYAPRAKASH GOVINDARAJ** and Gaurav Gupta, “Preserving Date and Timestamps for Incident Handling in Android Operating System”, Tenth Annual IFIP WG 11.9 International Conference on Digital Forensics, IFIP WG 11.9, Vienna University of Technology, Vienna, Austria, Jan 8-10, 2014

Aakarsha Agarwal, **JAYAPRAKASH GOVINDARAJ**, Nikita Juneja, Vinayak Naik, “Feasibility study of on-device and in-the-cloud virtualization of mobiles”, IBM Collaborative Academia Research Exchange Workshop (I-CARE ’2013), ACM, New Delhi, India, Oct 17-19 2013

SRISHTI GUPTA, Payas Gupta, Mustaque Ahamad, and Ponnurangam Kumaraguru, “Exploiting phone numbers and cross-application features in targeted mobile attacks”, ACM Workshop on Security and Privacy in Smartphones and Mobile Devices, SPSM, Austria, Oct 2016

SRISHTI GUPTA, Dhruv Kuchhal, Payas Gupta, Mustaque Ahamad, Manish Gupta, and Ponnurangam Kumaraguru, “Under the Shadow of Sunshine: Characterizing Spam Campaigns Abusing Phone Numbers Across Online Social Networks”, ACM Conference on Web Science, WebSci, Netherlands, May 2018

SRISHTI GUPTA, Gurpreet Singh Bhatia, Saksham Suri, Dhruv Kuchhal, Payas Gupta, Mustaque Ahamad, Manish Gupta, Ponnurangam Kumaraguru, “Angel or Demon? Characterizing Variations Across Twitter Timeline of Technical Support Campaigners”, Journal of WebScience, Vol. 1, 2019

SRISHTI GUPTA, Abhinav Khattar, Arpit Gogia, Ponnurangam Kumaraguru, and Tanmoy Chakraborty, “Collective Classification of Spam Campaigners on Twitter: A Hierarchical Meta-Path Based Approach”, World Wide Web Conference on World Wide Web, WWW, France, April 2018

SRISHTI GUPTA, Ponnurangam Kumaraguru, “Emerging phishing trends and effectiveness of the anti-phishing landing page”, APWG Symposium on Electronic Crime Research, eCrime Alabama, USA, Sep 2014

SRISHTI GUPTA, “Emerging Threats Abusing Phone Numbers Exploiting Cross-Platform Features”, IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining. PhD Forum, ASONAM, San Francisco, Aug 2016

SIDDHARTH SINGH, Vedant Nanda, Rijurekha Sen, Satadal Sengupta, Ponnurangam Kumaraguru, Krishna P Gummadi, “Leveraging facebook’s free basics engine for web service deployment in developing regions”, International Conference on Information and Communication Technologies and Development ICTD, Lahore, Pakistan, Nov 2017

VANIKA SINGHAL, Angshul Majumdar, “Age and Gender Estimation Via Deep Dictionary Learning”, International Joint Conference on Neural Networks, IJCNN, Budapest, Hungary, July 2019

VANIKA SINGHAL, Angshul Majumdar, Mayank Vatsa, and Richa Singh, “Siamese Deep Dictionary Learning”, International Joint Conference on Neural Networks, IJCNN, Budapest, Hungary, July 2019

VANIKA SINGHAL, Jyoti Maggu, Angshul Majumdar, “Simultaneous Detection of Multiple Appliances from Smart-meter Measurements via Multi-Label Consistent DeepDictionary Learning and Deep Transform Learning”, IEEE Transactions on Smart Grid, Vol. 10, 2969-2978, 2018

John D. Lewis, **VANIKA SINGHAL**, and Angshul Majumdar, “Solving Inverse Problems in Imaging via Deep Dictionary Learning”, IEEE Access, Vol. 7, 37039 - 37049, 2018

VANIKA SINGHAL, and Angshul Majumdar, “Supervised Deep Dictionary Learning for Single Label and Multi-Label Classification”, International Joint Conference on Neural Networks, IJCNN, Rio, Brazil, 2018

VANIKA SINGHAL, and Angshul Majumdar, “Noisy Deep Dictionary Learning”, ACM IKDD Conferences on Data Science, IKDD-CODS, Chennai, India, 2017

VANIKA SINGHAL, Anupriya Gogna, and Angshul Majumdar, “Deep Dictionary Learning vs Deep Belief Network vs Stacked Autoencoder: An Empirical Analysis”, International Conference on Neural Information Processing, ICONIP, Koyoto, Japan, 2016

VANIKA SINGHAL, Angshul Majumdar, and Rabab K. Ward, “Semi-supervised Deep Blind Compressed Sensing for Analysis and Reconstruction of Biomedical Signals from Compressive Measurements”, IEEE Access, Vol. 6 (1), pp. 545-553

VANIKA SINGHAL, Hemant K. Agarwal, Snigdha Tariyal, and Angshul Majumdar, “Discriminative Robust Deep Dictionary Learning for Hyperspectral Image Classification”, IEEE Transactions on Geosciences and Remote Sensing, Vol. 55 (9), pp. 5274-5283

John D. Lewis, **VANIKA SINGHAL**, and Angshul Majumdar, “Adaptive Deep Dictionary Learning for RI Reconstruction”, International Conference on Neural Information Processing, ICONIP, Cambodia, 2018

VANIKA SINGHAL, and Angshul Majumdar, “Noisy Deep Dictionary Learning: Application to Alzheimer’s Disease Classification”, International Joint Conference on Neural Networks, IJCNN, Alaska, USA, 2017

Shikha Singh, **VANIKA SINGHAL**, and Angshul Majumdar, “Deep Blind Compressed Sensing”, Data Compression Conference, DCC, USA, 2017

VANIKA SINGHAL, Shikha Singh, and Angshul Majumdar, “How to Train Your Deep Neural Network with Dictionary Learning”, Data Compression Conference, DCC, USA, 2017

VANIKA SINGHAL, Prerna Khurana, and Angshul Majumdar, “Class wise Deep Dictionary Learning”, International Conference on Neural Information Processing, IJCNN, Alaska, USA, 2017

VANIKA SINGHAL, Angshul Majumdar, “Row-Sparse Discriminative Deep Dictionary Learning for Hyperspectral Image Classification”, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, Vol. 11 (12), 5019 - 5028

Ph.D. - ECE

PARAG AGGARWAL, T. Kabra, R. Ahmad, V. A. Bohara, A. Srivastava ‘Adaptive Learning Architecture based Predistorter for Nonlinear VLC System’, Photonic Network Communications, pp 1-12, Apr 2019

PARAG AGGARWAL, V. A. Bohara “End-to-End Theoretical Evaluation of a Nonlinear MIMO-OFDM System in the Presence of Digital Predistorter”, IEEE Systems Journal, pp 1-11, Oct 2018

PARAG AGGARWAL, V. A. Bohara ‘Analytical Characterization of Dual-Band Multi-User MIMO-OFDM System with Nonlinear Transmitter Constraints’, IEEE Transactions on Communications, vol. 66, no. 10, pp. 4536-4549, Oct 2018

PARAG AGGARWAL, V. A. Bohara ‘On the Multi-Band Carrier Aggregated Nonlinear LTE-A System’, IEEE Access, vol. 5, pp. 16930-16943, Aug 2017

PARAG AGGARWAL, V. A. Bohara ‘A Nonlinear Downlink Multiuser MIMO-OFDM Systems’, IEEE Wireless Communications Letters, vol. 6, no. 3, pp. 414-417, June 2017

M. H. N. Shaikh, V. A. Bohara, **PARAG AGGARWAL**, A. Srivastava ‘On EE-SE trade-off for Downlink Full Duplex MISO Systems with Self-Energy Recycling’, 2019 IEEE Vehicular Technology Conference, Kuala Lumpur, Apr 2019

M.H.N. Shaikh, A. Agarwal, **PARAG AGGARWAL**, V.A. Bohara ‘On the Spectral Content of Nonlinear Carrier Aggregated Windowed OFDM Systems’, 2018 IEEE International Conference on Advanced Networks and Telecommunications Systems, Indore, India, Dec 2018

PARAG AGGARWAL, K. Joshi, V.A. Bohara ‘Design and Implementation of LTE Advanced Underlay Device-to-Device Communication Framework’, Proceedings of the 24th Annual International Conference on Mobile Computing and Networking, New Delhi, Oct 2018

PARAG AGGARWAL, F. Jabin, V. A. Bohara ‘Nonlinear Amplification Effects on Dual Band Multi-User MIMO-OFDM Systems’, 2018 IEEE International Conference on Communications, Kansas City, May 2018

PARAG AGGARWAL, A. Agarwal, V.A. Bohara ‘On the Spectral Content of the Nonlinearly Amplified Carrier Aggregated OFDM System’, 2018 IEEE Wireless Communications and Networking Conference, Barcelona, Apr 2018

PARAG AGGARWAL, R. Ahmad, V. A. Bohara, A. Srivastava ‘Adaptive Pre-distortion Technique for non-linear LED with Dimming Control in VLC system’, 2017 IEEE International Conference on Advanced Networks and Telecommunications Systems, Bhubaneswar, Dec 2017

PARAG AGGARWAL, A. Agarwal, V. A. Bohara ‘Error Vector Magnitude Analysis for Carrier Aggregated OFDM signals with Nonlinear HPA’, 2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, Bangalore, Nov 2016

PARAG AGGARWAL, V. A. Bohara ‘Characterization of HPA Using Two Dimensional General Memory Polynomial for Dual Band Carrier Aggregated MIMO-OFDM Systems’, 2016 IEEE International Conference on Communications, Kuala Lumpur, May 2016



PARAG AGGARWAL, P. Singhal, V.A. Bohara 'Nonlinear Distortion Analysis of Multi-band Carrier Aggregated OFDM Signals', 2015 IEEE International Conference on Advanced Networks and Telecommunications Systems, Kolkata, Dec 2015

PARAG AGGARWAL, P. Singhal, V. A. Bohara 'Analysis of Carrier Aggregated OFDM Signals in Presence of Dual-band Power Amplifiers', 2015 Twenty-First National Conference on Communications, Mumbai, Feb 2015

PRIYA AGGARWAL, Anubha Gupta 'Multivariate graph learning for detecting aberrant connectivity of dynamic brain networks in autism', Medical Image Analysis vol. 56, pp. 11-25, Jan 2019

PRIYA AGGARWAL, Anubha Gupta 'Low rank and sparsity constrained method for identifying overlapping functional brain networks' PloS one, vol. 13, no. 11, pp. e0208068, Nov 2018

PRIYA AGGARWAL, Anubha Gupta 'Double temporal sparsity based accelerated reconstruction of compressively sensed resting-state fMRI', Computers in biology and medicine, vol. 91, pp. 255-266, Dec 2017

PRIYA AGGARWAL, Anubha Gupta and Ajay Garg 'Multivariate brain network graph identification in functional MRI', Medical Image Analysis, vol. 42, pp. 228-240, Dec 2017

PRIYA AGGARWAL, P Shrivastava, T.Kabra , Anubha Gupta 'Optshrink LR+ S: accelerated fMRI reconstruction using non-convex optimal singular value shrinkage', Brain informatics, vol. 4, no. 1, pp. 65-83, Mar 2017

PRIYA AGGARWAL, Anubha Gupta 'Accelerated fMRI reconstruction using matrix completion with sparse recovery via split bregman' Neurocomputing, vol. 216, pp. 319-330, Dec 2016

P. Patel, **PRIYA AGGARWAL**, Anubha Gupta 'Classification of schizophrenia versus normal subjects using deep learning', Proceedings of the Tenth Indian Conference on Computer Vision, Graphics and Image Processing, India, Dec 2016

PRIYA AGGARWAL, Anubha Gupta, Ajay Garg 'Joint estimation of activity signal and HRF in fMRI using fused LASSO', IEEE Global Conference on Signal and Information Processing, Florida, USA, Dec 2015

PRIYA AGGARWAL, Anubha Gupta, Ajay Garg 'Joint Estimation of Hemodynamic Response Function and Voxel Activation in functional MRI Data' International Conference on Medical Image Computing and Computer-Assisted Intervention, Munich, Germany, Oct 2015

M. TECH.- CSE

ARPAN MUKHERJEE, SHUBHI TIWARI, Tanya Chowdhury, Tanmoy Chakraborty, "Automatic Curation of Content Tables for Educational Videos", ACM SIGIR Conference on Research and Development in Information Retrieval, SIGIR, Paris, France, July, 2019

Subhabrata Dutta, Gunkirat Kaur, Shreyans Mongia, **ARPAN MUKHERJEE**, Dipankar Das, Tanmoy Chakraborty, Into the Battlefield: Quantifying and Modeling Intra-community Conflicts in Online Discussion, ACM on Conference on Information and Knowledge Management, CIKM, Beijing, China, Nov 2019

Geetha Mahadevaiah, Dinesh M.S, Amogh Hiremath, **VANI AGARWAL**, Ponnuramam Kumaraguru and Andre Dekker, "Automating data mining of medical reports", International Journal of Computer Science and Technology", IJCST, Volume 01, Number 2, Mar 2019

M. TECH.- CB

MEGHAL DANI, G. Garg, R. Perla, R. Hebbalaguppe. "Mid-Air Fingertip-Based User Interaction in Mixed Reality", International Symposium of Mixed and Augmented Reality, Munich, Germany, Oct 2018.

SANA AKHTER, H. Kaur, P. Agrawal, G.P.S. Raghava 'RareLSD: A manually curated database of lysosomal enzymes associated with rare diseases', Accepted 14th Aug 2019.



M. TECH.- ECE

Sneh Saurabh, **HITARTH SHAH**, Shivendra Singh ‘Timing Closure Problem: Review of Challenges at Advanced Process Nodes and Solutions’, IETE Technical Review, IETE Technical Review, pages 1-14, Oct 2018

Sidhartha Shankar Rout, **VAIBHAV ISHWARLAL CHAUDHARI**, **SUYOG BHIMRAO PATIL**, Sujay Deb ‘RCAS: Critical Load Based Ranking for Efficient Channel Allocation in Wireless NoC’ IEEE International Conference on System on Chip, Singapore, Sep 2019

GAURAV DUGGAL, Shobha Sundar Ram, Kumar Vijay Mishra ‘Micro-Doppler and Micro-Range Detection via Doppler-resilient 802.11ad-Based Vehicle-to-Pedestrian Radar’ 2019 IEEE Radar Conference, Boston, USA, April 2019

Gurinder Singh, **FATIMA MUMTAZ**, Vivek Ashok Bohara, Anand Srivastava ‘Experimental Observations on Hybrid RF-Solar Energy Harvesting Circuit for Low Power Applications.’ 2018 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), Indore India, Dec 2018



B. TECH.- CSE

Srishti Gupta, **ABHINAV KHATTAR**, Arpit Gogia, Ponnurangam Kumaraguru, and Tanmoy Chakraborty, ‘Collective Classification of Spam Campaigners on Twitter: A Hierarchical Meta-Path Based Approach’, World Wide Web Conference on World Wide Web, WWW, France, April 2018

Indraneil Paul, **ABHINAV KHATTAR**, **SHAAN CHOPRA**, Ponnurangam Kumaraguru and Manish Gupta, ‘What Sets Verified Users Apart? Insights, Analysis and Prediction of Verified Users on Twitter’, ACM Conference on Web Science, WebSci, Boston, July, 2019

Akshay Agarwal, **AKARSHA SEHWAG**, Mayank Vatsa, Richa Singh, ‘Deceiving the Protector: Fooling Face Presentation Attack Detection Algorithm’, IAPR International Conference On Biometrics, 2019, ICB, Crete, Greece, June 2019

AKHIL GOEL, **ANIRUDH SINGH**, Akshay Agarwal, Mayank Vatsa, Richa Singh, ‘SmartBox: Benchmarking Adversarial Detection and Mitigation Algorithms for Face Recognition, IEEE International Conference on Biometrics: Theory, Applications and Systems, BTAS, Los Angeles, California, Oct 2018

AKHIL GOEL, Akshay Agarwal, Richa Singh, Mayank Vatsa, Nalini Ratha, ‘DeepRing: Protecting Deep Neural Network with Blockchain’ IEEE Conference on Computer Vision and Pattern Recognition Workshop on When Blockchain Meets Computer Vision and Artificial Intelligence, BMCVAI, Long Beach, California, June 2019

AKHIL GOEL, Akshay Agarwal, Mayank Vatsa, Richa Singh, Nalini Ratha, ‘Securing CNN Model and Face Template using Blockchain’, IEEE International Conference on Biometrics: Theory, Applications and Systems, BTAS Tampa, Florida, Sep 2019

Suril Mehta, **ANANNYA UBEROI**, Akshay Agarwal, Mayank Vatsa, Richa Singh ‘Crafting A Panoptic Face Presentation Attack Detector’, IAPR International Conference On Biometrics, 2019, ICB, Crete, Greece, June 2019

DATTATREYA MOHAPATRA, Abhishek Maiti, Sumit Bhatia, Tanmoy Chakraborty ‘Go Wide, Go Deep: Quantifying the Impact of Scientific Papers through Influence Dispersion Trees’, Joint Conference on Digital Libraries, JCDL, Urbana-Champaign USA, June 2019

Shashwat Uttam, Yaman Kumar, **DHRUVA SAHRAWAT**, Mansi Aggarwal, Rajiv Ratn Shah, Debanjan Mahata, Amanda Stent, ‘Hush-Hush Speak: Speech Reconstruction Using Silent Videos’, Annual Conference of the International Speech Communication Association INTERSPEECH, Graz, Austria, Sep 2019

DIVANSH ARORA, Parikshit Maini, Pedro Pinacho-Davidson, Christian Blum ‘Route Planning for Cooperative Air-Ground Robots with Fuel Constraints: An Approach based on CMSA’, Genetic and Evolutionary Computation Conference, GECCO, Prague, July 2019

DIVYANSHU TALWAR, Aanchal Mongia, Debarka Sengupta, Angshul Majumdar. ‘AutoImpute: Autoencoder based imputation of single-cell RNA-seq data’, Scientific Reports, Nature Sci. Rep. Vol. - 8, Article 16329, 2018

Gaurav Arora, **GARGI GUPTA**, **TUSHITA RATHORE**, Saket Anand, ‘Socioeconomic and Biophysical Drivers of Cropland Use Intensification in India: Analysis using satellite data and administrative surveys (Accepted as a poster)’, Agricultural and Applied Economics Association, AAEA, Atlanta, July 2019

LAMHA GOEL, Mayank Vatsa, Richa Singh, “LC-DECAL: Label Consistent Deep Collaborative Learning for Face Recognition”, IEEE International Conference on Biometrics: Theory, Applications and Systems, BTAS, Tampa, Florida, Sep 2019

SANCHIT SINHA, MOHIT AGARWAL, Mayank Vatsa, Richa Singh, Saket Anand, “Exploring Bias in Primate Face Detection and Recognition”, European Conference on Computer Vision – Workshops, ECCV-W, Munich, Germany, Sep 2018

MOHIT AGARWAL, SANCHIT SINHA, Maneet Singh, Shruti Nagpal, Richa Singh, Mayank Vatsa, “Triplet Transform Learning for Automated Primate Face Recognition”, International Conference on Image Processing, ICIP, Taipei, Taiwan, Sep 2019

Viresh Gupta, **MOHIT AGARWAL**, Manik Arora, Tanmoy Chakraborty, Richa Singh, Mayank Vatsa, “Bag-of-Lies: A Multimodal Dataset for Deception Detection”, Conference on Computer Vision and Pattern Recognition – Workshops, CVPR-W, Long Beach, California, USA, June 2019

Lana Josipovic, **RADHIKA GHOSAL**, Paolo Ienne “Dynamically Scheduled High-Level Synthesis”, ACM/SIGDA International Symposium on Field-Programmable Gate Arrays, FPGA, Monterey, California, USA, Feb 2018

RADHIKA GHOSAL, Bhavika Rana, Ishan Kapur, Aman Parnami “Rapid Prototyping of Pneumatically Actuated Inflatable Structures”, ACM Symposium on User Interface Software and Technology (Adjunct Proceedings), UIST, Accepted as poster, New Orleans, Louisiana, USA, Oct 2019

RISHABH GARG, YASHASVI BAWEJA, Soumyadeep Ghosh, Mayank Vatsa, Richa Singh, Nalini Ratha “Heterogeneity Aware Deep Embedding for Mobile Periocular Recognition”, IEEE International Conference on Biometrics: Theory, Applications and Systems, BTAS, Los Angeles, USA, Oct 2018

SAKSHAM SURI, Anush Sankaran, Mayank Vatsa, Richa Singh, “On Matching Faces with Alterations due to Plastic Surgery and Disguise”, IEEE International Conference on Biometrics: Theory, Applications and Systems, BTAS, Los Angeles, California, Oct 2018

Yao Zhu, **SAKSHAM SURI**, Pranav Kulkarni, Yueru Chen, Jiali Duan, C.-C. Jay Kuo “An Interpretable Generative Model for Handwritten Digits Synthesis”, IEEE International Conference on Image Processing, ICIP, Taipei, Taiwan, Sep 2019

Srishti Gupta, Gurpreet Singh Bhatia, **SAKSHAM SURI**, Dhruv Kuchhal, Payas Gupta, Mustaque Ahamad, Manish Gupta, Ponnurangam Kumaraguru, “Angel or Demon? Characterizing Variations Across Twitter Timeline of Technical Support Campaigners”, The Journal of Web Science, JWS, Volume 1, 2019

SARTHIKA DHAWAN, Siva Charan Reddy Gangireddy, Shiv Kumar, Tanmoy Chakraborty, “Spotting Collective Behaviour of Online Fraud Groups in Customer Reviews”, International Joint Conference on Artificial Intelligence, IJCAI, Macao, China, Aug 2019

Anupriya Tuli, **SHAAN CHOPRA**, Neha Kumar, Pushpendra Singh, “Learning from and with Menstrupedia: Towards Menstrual Health Education in India”, ACM Conference on Computer-Supported Cooperative Work and Social Computing, CSCW, Jersey City, New Jersey, Nove 2018

Rachit Agarwal, **SHAAN CHOPRA**, Vassilis Christophides, Nikolaos Georgantas, and Valérie Issarny, “Detecting Mobile Crowdsensing Context in the Wild”, IEEE International Conference on Mobile Data Management, MDM, Hong Kong, June 2019

Rachit Agarwal, **SHAAN CHOPRA**, Vassilis Christophides, Nikolaos Georgantas, and Valérie Issarny, “Detecting Mobile Crowdsensing Contexts in the wild using Ambiciti case study”, NetMob, Oxford, United Kingdom, July 2019

SHAAN CHOPRA “Solidarity in Social Media Based Epidemic: Case Study of the Blue Whale Challenge”, Solidarity Across Borders (CSCW Workshop), CSCW Workshop, Jersey City, New Jersey, Nov 2018

SHAAN CHOPRA, “Working with Stigmatized Communities in India: Minors from Lower Socioeconomic Background”, Conducting Research with Stigmatized Populations: Practices, Challenges, and Lessons Learned (CSCW Workshop), CSCW Workshop, Jersey City, New Jersey, Nov 2018

SHAAN CHOPRA, “Studying Intersections in Conducting Research with Minors from Lower Socioeconomic Background in India”, HCI Across Borders and Intersections (Symposium at CHI), HCIxB (Symposium at CHI), Glasgow, May 2019

SHAAN CHOPRA, ABHINAV KHATTAR, Karan Dabas, Kshitij Gupta, and Ponnurangam Kumaraguru, “Evils of Social Media: Case Study of the Blue Whale Challenge”, CHI4EVIL Workshop at CHI Workshop at CHI, Glasgow, UK, May 2019

SHAAN CHOPRA, Aakarsh Malhotra, Mayank Vatsa, Richa Singh, “Unconstrained Fingerphoto Database”, IEEE Conference on Computer Vision and Pattern Recognition Workshops, CVPR-W, Salt Lake City, Utah, June 2018

Aakarsh Malhotra, **SHAAN CHOPRA**, Mayank Vatsa, Richa Singh, “User Authentication via Finger-selfies”, Book Chapter in Selfie Biometrics: Methods and Challenges (In series Advances in Computer Vision and Pattern Recognition), Springer, 1st edition, 2019

Indira Sen, Anupama Aggarwal, **SHIVEN MIAN**, Siddharth Singh, Ponnurangam Kumaraguru, Anwitaman Datta, “Worth its Weight in Likes: Towards Detecting Fake Likes on Instagram”, ACM Conference on Web Science, WebSci, Amsterdam, Netherlands, May 2018

Mononito Goswami, **SHIVEN MIAN**, Jack Mostow, “What’s Most Broken? A Tool to Assist Data-Driven Iterative Improvement of an Intelligent Tutoring System”, AAAI Conference on Artificial Intelligence, AAAI, Honolulu, Hawaii, USA, Jan 2019

SHIVEN MIAN, Mononito Goswami, Jack Mostow, “What’s Most Broken? Design and Evaluation of a Tool to Guide Improvement of an Intelligent Tutor”, International Conference on Artificial Intelligence in Education, AIED, Chicago, Illinois, USA, June 2019

Ojaswa Sharma, **TUSHAR ARORA**, Apoorv Khattar, “Robust material graphs for automated transfer function Design in volume rendering”, Pacific Conference on Computer Graphics and Applications, Pacific Graphics, Hong Kong, Oct 2018

Ojaswa Sharma, **TUSHAR ARORA**, Apoorv Khattar, “Graph Based Transfer Function for Volume Rendering”, Computer Graphics Forum, CGF, 13 May 2019

Sachin Thukral, Hardik Meisheri, **TUSHAR KATARIA**, **AMAN AGARWAL**, Ishan Verma, Arnab Chatterjee, Lipika Dey, “Analyzing behavioral trends in community driven discussion platforms like Reddit”, IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, ASONAM, Barcelona, Spain, Aug 2018l

Hoda Heidari, **VEDANT NANDA**, Krishna P Gummadi, “On the Long-term Impact of Algorithmic Decision Policies: Effort Unfairness and Feature Segregation through Social Learning”, International Conference on Machine Learning”, ICML, Long Beach, California, USA, June 2019

RAMYA YS, Soumyadeep Ghosh, Mayank Vatsa, Richa Singh, ”Face Sketch Colorization via Supervised GANs”, International Conference on Biometrics 2019, ICB, Crete, Greece, June 2019

Kapil Agrawal, **YASHASVI BAWEJA**, Deepti Dwivedi, Ritwik Saha, Prabhakar Prasad, Shubham Agarwal, Sunil Kapoor, Pratik Chaturvedi, Naresh Mali, Venkata Uday Kala and Varun Dutt, “A Comparison of Class Imbalance Techniques for Real-World Landslide Predictions”, International Conference on Machine Learning and Data Science, ICMLDS, Greater Noida, India, Dec 2017



B. TECH.- ECE

Jatin Arora, Kartik Mathur, **ARYAN SAINI**, Aman Parnami ‘Gehna: Exploring the Design Space of Jewelry as an Input Modality’ Conference on Human Factors in Computing Systems, Glasgow, Scotland, UK, May 2019

Jatin Arora, **ARYAN SAINI**, Nirmita Mehra, Varnit Jain, Shwetank Shrey, Aman Parnami ‘VirtualBricks: Exploring a Scalable, Modular toolkit for Enabling Physical Manipulation in VR’ Conference on Human Factors in Computing Systems, Glasgow, Scotland, UK, May 2019

Jatin Arora, **KARTIK MATHUR**, Aryan Saini, Aman Parnami ‘Gehna: Exploring the Design Space of Jewelry as an Input Modality’ Conference on Human Factors in Computing Systems, Glasgow, Scotland, UK, May 2019

SHAGUN KAPUR, Varshita Gupta, Sneha Saurabh, Anuj Grover ‘Resistive Random Access Memory: A Review of Device Challenges’ IETE Technical Review, IETE Technical Review, pages 1-14, June 2019

ANUBHAV JAIN, Richa Singh, Mayank Vatsa ‘On Detecting GANs and Retouching based Synthetic Alterations’, 9th IEEE International Conference on Biometrics: Theory, Applications, and Systems, Los Angeles, California, USA, Oct 2018

ANUBHAV JAIN, Avdesh Kumar, Saumya Balodi, Pravesh Biyani “Benchmark Dataset for Timetable Optimization of Bus Routes in the City of New Delhi”, IEEE Intelligent Transportation Systems Conference, Auckland, New Zealand, 2019

Varshita Gupta, **SHAGUN KAPUR**, Sneha Saurabh, Anuj Grover “Resistive Random Access Memory: A Review of Device Challenges”, IETE Technical Review, IETE Technical Review, pages 1-14, June 2019

SHIVAM PAL “Big Data and Privacy: The Rising Challenge”, International Conference of Digital Transformation: Preservation, Policy and Privacy / Digital Transformation Strategies and Trends in E-Learning- Privacy, Preservation and Policy., pp. 17-21, Jan 2019 New Delhi, Dec 2018

MAYANK KUMAR Pal, Rupali Bhati, Anil Sharma, Sanjit K Kaul, Saket Anand, PB Sujit “A Reinforcement Learning Approach to Jointly Adapt Vehicular Communications and Planning for Optimized Driving”, IEEE Intelligent Transportation Systems Conference, Hawaii, USA, Nov 2018

VASISHT DUDDU “A Survey of Adversarial Machine Learning in Cyberwarfare”, Defence Science Journal, Volume 68(4), Pages: 356-366. <https://doi.org/10.14429/dsj.68.12371>

VASISHT DUDDU, Debasis Samanta, D Vijay Rao “Fuzzy Graph Modelling of Anonymous Networks”, Soft Computing Applications, Romania, Sep 2018

EKANSH SAREEN, Shalin Verma, and M.S. Hashmi ‘A Miniaturized Dual-Band Right Triangle Defected Ground Structure Band Stop Filter for Energy Harvesting Applications’ IEEE International Microwave and RF Conference, Kolkata, Dec 2018

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Aug 25, 2018

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OATH

I hereby pledge that it shall be my constant endeavor:

- to uphold the dignity of the individual and the integrity of the profession;
- to be scrupulously honest in the discharge of my duties as an Engineer and a Scientist;
- to utilize my knowledge of Technology and Science for the glory of the Institute and in the service of the country and mankind at large.



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