INDIAN INSTITUTE OF TECHNOLOGY PATNA

8th Convocation

August 26, 2021

Chief Guest
Dr. Prabhakar Raghavan
Senior Vice-President, Google

Prof. Pramod Kumar Jain
Director, Indian Institute of Technology Patna

8th CONVOCATION

PROGRAMME

August 26, 2021

- ❖ Academic Procession enters
- ❖ Invocation with the National Song and Institute Song
- ❖ Chairman, BoGs declares the 8th Convocation open
- ❖ Chairman, BoGs presents Memento to the Chief Guest and the Director presents memento to the Chairman, BoGs
- ❖ Director presents his report
- ❖ Director awards degree to the students
- ❖ Registrar announces the name of the Institute medal winners
- ❖ Pledge by the degree recipients
- ❖ Address by the Chairman, BoGs
- ❖ Address by the Chief Guest
- ❖ Registrar proposes vote of thanks
- ❖ Chairman, BoGs declares the 8th Convocation closed
- ❖ National Anthem
- ❖ Academic Procession returns

Chief Guest

Dr. Prabhakar Raghavan
Senior Vice-President, Google

Director's Report

Prof. Pramod Kumar Jain,
Director, IITP

Dr. Prabhakar Raghavan, Senior Vice-President, Google, and Chief Guest for the day and Dr. Anand Deshpande, Chairman, Board of Governors, IIT Patna, Members of the Board, Members of the Senate, Distinguished Guests, Members of Faculty and Staff, Members from electronic and print media, and dear students, ladies, and gentlemen!

At the outset, I would like to extend a hearty and warm welcome to all of you to the 8th Convocation of the Indian Institute of Technology Patna. In the recently released "India Rankings 2020, NIRF by MoE", IIT PATNA is positioned 26th among engineering institutions of the country and is positioned at 54th for overall ranking. Further, the Ministry of Education, Govt. of India has initiated 'Atal Ranking of Institutions on Innovation Achievements (ARIIA) to systematically rank education institutions and universities primarily on innovation-related indicators. I am happy to say that IIT Patna was categorized in band A of institutions with a rank between 11th to 25th. These indicators have inspired us to reorient our mindset and build ecosystems to encourage high-quality research, innovation, and entrepreneurship.

You are privileged because you have received your higher education at this premier Institute. Before I highlight the activities of the Institute, it is a pleasure to welcome our Chief Guest, Dr. Prabhakar Raghavan. An alumnus of IIT Madras, Dr. Raghavan holds a Ph.D. from U.C. Berkeley in Electrical Engineering and Computer Science. He is one of the foremost authorities on Search and is the co-author of two widely-used graduate texts on algorithms and search: Randomized Algorithms and Introduction to Information Retrieval. He has over 20 years of research spanning algorithms, web search, and databases, authored over 100 research articles, and holds 20 patents, including several on link analysis for web search.

Previously, he served as Vice President of Google Apps, Google Cloud, overseeing engineering products, and user experience. Under his adept leadership, the Apps business expanded from a set of consumer apps to an enterprise solution, which is a major contributor to Google's Cloud business. He also grew both Gmail and Google Drive past 1 billion MAUs (monthly active users) and introduced many machine intelligence features in G-Suite, including Smart Reply, Smart Compose, Drive Quick Access — each leading to marked improvements in user experience.

It is my honour and pleasure to welcome such a luminary in our midst.

ACADEMICS

Academics

IIT Patna offers six four-year B.Tech Programmes, eight M.Tech Programmes, and three M.Sc. Programmes. All departments offer Ph.D. programme in their respective areas of expertise. Currently, there are 2140 students on the roll; 994 B.Tech. students, 277 M. Tech., 160 M.Sc. students, and 709 Ph.D. students are enrolled in 10 departments of IIT Patna.

This year, IIT Patna is beginning three more 4-year programmes, namely, B.Tech. in AI and Data Science, B.Tech. in Engineering Physics, and BS in Mathematics and Computing.

The institute has signed an agreement for the implementation of the National Academic Depository (NAD). Through the SWAYAM teaching platform, GIAN courses and National Knowledge Network (NKN), the institute has been promoting digital learning.

Laboratories

IIT Patna houses a state-of-the-art experimental facility namely Sophisticated Analytical Instrumentation Facility (SAIF) with the assistance of the Department of Science and Technology, Government of India. SAIF at IITP is currently equipped with equipment like: Single Crystal X-Ray Diffractometer (SC- XRD), High Resolution - Liquid Chromatography Mass Spectrometry (HR- LCMS) having HPLC & UHR-TOF mass spectrometer, and a 500 MHz NMR. SAIF regularly arranges workshops and webinars on different analytical techniques for training the prospective users and students.

Library

The Central Library of IIT Patna boasts a large collection of books (around 26000), e-resources (around 2 lakh), and online database that provides world-class services to the users. The Central Library deftly adapted to the disruptions posed by the covid-19 pandemic and catered to the information needs of faculty members, research scholars, students as well as staff of the Institute by offering a wide range of knowledge-based services and products through the remote access facility.

Continuing Education Programme

Continuing Education Programmes (CEPs) offered by IITP meet the manpower training and knowledge up-gradation needs of the industry, academia, and research organizations and impart knowledge related to the frontiers in science, technology, and management. CEP office has organized 40+ high-quality courses with emerging tools and techniques during 2019-21 and trained 1000+ engineers during this period.

Research – Publications and Projects

During last two years, the Institute has published total 1118 articles which are indexed in Scopus database. The h-Index of the Institute for last five years is 33. IIT Patna has been engaged in research and development projects sponsored by various Government agencies like MeitY, ISRO, SERB (DST), CSIR, TIFAC, and MHRD and Industries like Elsevier, Accenture, DENKA, MRF, and Tata Steel.

In the year 2019-20, 45 sponsored projects worth more than Rs. 20.23 crores have been sanctioned, along with 37 consultancy projects worth Rs. 2.52 crores. In 2020-21, 38 sponsored projects worth more than Rs. 12.43 crores have been sanctioned, along with 23 consultancy projects worth Rs. 1.34 crores.

A Cyberphysical Technology Innovation Hub of Rs 110 crores and NIDHI TBI of Rs 11.60 crores were sanctioned during FY 2019-20. Impacting Research Innovation and Technology (IMPRINT) is an MoE

supported Pan- IIT and IISc joint initiative to address the major science and engineering challenges that India must address and champion inclusive growth and self-reliance. IIT Patna is handling 10 projects worth Rs. 6.66 crores.

Some of the notable research centres and facilities at IIT Patna include Technology Business Incubator (TBI), Centre for Earthquake Engineering Research, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) for Internet- of-Things, Sophisticated Analytical Instrumentation Facility (SAIF) Centre, Centre for Endangered Language Studies, Elsevier Centre of Excellence for Natural Language Processing, CDAC-IIT Patna Centre on Digital Forensic, etc.

Institute faculty is quite active in organizing conferences and seminars on topics of national/international importance. In 2019-20, 12 conferences/workshops were conducted and in 2020-21, 19 conferences/ workshops were conducted by the departments. In the last two years, 42 patents were filed, out of which 5 patents were granted. Similarly, 3 designs were filed and 3 were granted.

Under the Scheme for Promotion of Academic and Research Collaboration (SPARC) initiative, MoE has contributed to the research ecosystem by academic and research collaborations between IIT Patna and the best institutions in the world from 3 nations- United Kingdom, Portugal, and Denmark. Currently, 3 projects under SPARC are running. Under the Global Initiative for Academic Networks (GIAN), MoE provided support for participation of eminent foreign professors in delivering short-term courses in IIT Patna. IIT Patna is organizing 28 GIAN Courses. 23 GIAN courses have been conducted so far and 5 are in the pipeline.

Incubation Centre IIT Patna

Incubation Centre IIT Patna is set up to promote innovation and entrepreneurship in the broad area of Electronic System Design and Manufacturing and Medical Electronics, with a funding of Rs 47.10 Cr from Ministry of Electronics and Information Technology (MeitY) and IT Department, Government of Bihar. IC IITP has supported 50+ companies so far and more than 10 companies launched their products in the market. Many of them are witnessing good progress and a few have achieved multi-crore turn-overs.

IC companies have done a commendable job in Covid times with creating innovative and successful solutions enabling/facilitating disinfection, tele-consultation, health-care access and tools for the safety of healthcare professionals. Mentors at Incubation Centre include eminent faculty members from IIT Patna, IIT Madras, IIT Bombay, King's College London, AIIMS Patna and include successful CEOs and industry experts from various domains. IC keeps on striving to forge new industry and academia partnerships for the benefit of the incubatees.

STUDENTS' ACTIVITIES

There are several activities and programmes organized by our students all through the year including Nebula, Anwesha (our techno-cultural programme), Reverberance, Entrepreneurship week, etc. During these troubled times of global pandemic, students are engaged through various online activities such as, Act it Out, Desperate Times, Pixxtory and Trigger Tuesday, and Beat it Off. Various quiz events have been organized in house and our students have won laurels at quizzes organized by other institutions like IIT Tirupati, IIEST, and Tata to name a few.

Sports facilities are continually being developed for outdoor games like cricket, football, basketball, volleyball, lawn tennis, and indoor games including table tennis, badminton, chess, carrom, and a multi-gymnasium facility is being developed. Despite the challenges posed by the pandemic, the sports unit,

IIT Patna organized several events in 2020 to keep the spirit of the student community high and boost positive energy, motivate the mind and the body to fight all odds and emerge as champions in each and every aspect of life. The sports cell organized Fit India Freedom Run, Celebration of National Sports Day 2020, Celebration of 151st birth anniversary of the Father of the Nation, Mohandas Karamchand Gandhi on 2nd October 2020, Fit India Cyclothon 2020 on 28th December 2020, Republic Day Sports fest 2021 on 26th January 2021, International Women's Day Sports Fest 2021 on 8th March 2021 and Azadi ka Amrut Mahotsav Cycle Rally 2021 on 13th March 2021.

To hone the talents of the students and inculcate values of discipline and team-work, the sports unit at IIT Patna has started the National Sports Organization (NSO) Programme for the First Year B.Tech. students. The students can choose to be a part of either NSO or NSS. The National Social Service (NSS) units and Unnat Bharat Abhiyan Cell at IIT Patna conduct regular activities related to mission-oriented plans of the Government of India like Swachha Bharat Abhiyan and Sarv Shiksha Abhiyan. NSS – IITP has five groups namely Teaching Group, Technical Skills Group, Environment Group, Rural Development Group and Chetna Group. These groups conduct various activities to serve the neighboring villages. Apart from the regular student activities like Research Scholars' Day and National Science Day, the institute conducted a harmony workshop which was a platform for discussing a wide range of practical issues like education, happiness, success, aspirations and gaining an understanding of our relationships, environment, social issues, and self-confidence.

Alumni Relations

The alumni are the stars that adorn the institute's vast sky. It is the alumni who bring repute and fame to any institute. At IIT Patna, SAAR (Students' Association for Alumni Relations) has not just bridged the gap between the students and the alumni community but has also built a relationship with them. Some of our alumni are now faculty members such as Prof. Gagan Deep Singh at the University of Illinois, USA, Prof. Manish Pandey who joined NASIT, Japan in Sept. 2020. A few have joined the Indian Administrative Services and have dedicated themselves to the service of the nation. A few alumni are notable scientists contributing to technological and scientific advancements in their organizations like Observe. AI, Bank of America, etc. The alumni of IIT Patna stand tall as achievers and are a source of pride for the institute.

OUTREACH AND INDUSTRY-ACADEMIA RELATION

Despite pandemic-induced stagnancy in almost all fields of academic activities, IIT Patna has been continuing its zealous outreach endeavours during past two years. We have signed MoUs and continued our intellectual engagement with premier academic institutes as well as corporate houses across the globe. This list includes names like National Informatics Center (NIC), Ministry of IT, GoI., Tomsk State University of Control Systems and Radioelectronics (TUSUR), Russia, Innopolis University, Russia, Kyoto University, Japan, Bombay Stock Exchange (BSE) Institute, and Wiley.

Our students, the flagbearers of our academic excellence have successfully extended and strengthened their global reach through virtual internship programmes in reputed firms such as DE Shaw, Codenation, Google India, Commvault, Goldman Sachs, Intel, iRageCapital, Newzera, Samsung Bangalore, Media. net, etc.

IIT Patna boasts of faculty members who are honoured as Fellow of eminent bodies such as the The Institution of Electronics & Telecommunication Engineers., and Institution of Engineers, India, among others.

Post-Graduation students, research scholars, and faculty members received a number of accolades for their presentations in international conferences and symposiums.

TRAINING AND PLACEMENT

IIT Patna has experienced immense growth in terms of the number of companies visiting our campus for recruitment over the past few years. Moreover, our Training and Placement Cell has swiftly adapted to the challenges posed by the unprecedented pandemic situation. In the year 2019-20 campus placement session, the highest package offered for B.Tech and M.Tech were by Microsoft India Private Limited and by Rakuten (Japan). The PPOs offered to students through their internship have certainly given a boost to the placement numbers, especially in the past year. This session (2019-20) concluded with 202 offers extended by 106 companies belonging to various domains.

The institute witnessed more than fifty new recruiters for the current placement session of 2020-21 wherein B.Tech. students received 93.33% placements with 183 offers. Subsequently, M.Tech. students received 80.39 % placements with 45 offers. Eminent companies exhibited unwavering trust in the potential of our students by extending coveted offers and worthy profiles to the batch of 2020-21. Breaking all the past records, the institute hosted over 125 companies with 239 offers extended to the students. In comparison to the year 2019-20, the overall companies increased by 17.92% in the academic year 2020-21. Similarly, the overall offers for B.Tech. students placed, increased by 18.31% this year as compared to the previous academic year. The institute saw the highest pay package of ₹54.57 lakh per annum by Google India and ₹52.50 lakh per annum by MTX Group for B.Tech. and M.Tech. students respectively.

LAURELS AND DISTINCTIONS OF IIT PATNA FACULTY MEMBERS

The faculty of IIT Patna have shown excellence and received many awards. Dr. Snehasis Daschakraborty (Dept of Chemistry) was awarded the prestigious INSA Young Scientist Award for "significant contributions in the area of dynamics and hydrophobicity in supercooled water". Dr. Sudhan Majhi and Dr. Maheshkumar H Kolekar were elected as a Fellows of The Institution of Electronics & Telecommunication Engineers. Dr. Subrata Hait and Dr. Sujoy Samanta have been inducted as Fellows of the Institution of Engineers (India) (IEI).

Faculty members have also received Editorial Board Memberships. Dr. Subrata Hait has been appointed as an Academic Editor of PLOS ONE, a journal published by the Public Library of Science (PLOS), USA. He has also been inducted as a Member of the Editorial Board of the SN Applied Sciences, a Springer Nature journal for three years. Dr. Sriparna Saha is appointed as a member of the editorial board of IEEE Internet. Dr. Atul Thakur is appointed as the Associate Editor of the prestigious ASME Journal of Computing and Information Science in Engineering. Dr. Murshid Imam has been appointed as an Editor of the Journal of High Temperature Materials and Processes. Dr. Naveen Nischal has been appointed as an Associate Editor of International Journal OPTICAL ENGINEERING published by SPIE, USA.

INFRASTRUCTURE DEVELOPMENT

Last but not the least, I wish to highlight the development on the campus in terms of the infrastructure. Construction work of about Rs. 450 Crore in Second Phase is in progress and the following are being constructed:

1) Academic Buildings, G+5, 2 numbers
2) Workshops, 3 numbers.
3) Central Lecture Hall, 1 number.

4) Central Library
5) Guest House, G+2
6) Girls Hostel for 232 students capacity.
7) Boys Hostel for 950 students capacity.
8) Auditorium of 1000 capacity.
9) A-type Quarters, G+8, 27 units.
10) B-type Quarters, G+8, 36 units.
11) C-Type Quarters, G+6, 56 units.
12) D-type Quarters, G+3, 48 units.
13) Married Accommodations, G+5, 36 units.
14) Students activity Center, balance part
15) Services like substation, street lighting, WTP, STP, fire-fighting system, water supply distribution network, etc.

From the above, 3 numbers of workshops and 3 blocks of D-type quarters containing total 48 numbers of quarters have been completed. Girls' Hostel of 232 students' capacity and Married accommodation of 36 units are near to completion.

Academic Buildings, Lecture Hall, Guest House, C-type quarters, B-type quarters and A-type quarters are at an advanced stage of finishing. Reinforced concrete work of Boys' Hostel, Student Activity Center are completed and finishing work is in progress.

IN CONCLUSION

IIT Patna is firmly on its way to establishing itself in the league of top institutions and to excelling in its education and research programmes.

I take this opportunity to thank the Ministry of Education, Government of India, and the Government of Bihar for their continued support and faith in us. I would like to thank the Board of Governors who have provided us encouragement and strength to take up new initiatives.

Convocation is a milestone on the way to achieving excellence. You must remember that you the IIT graduates are among the brightest minds in the country and you have been privileged to get your education at one of the finest engineering schools.

Always uphold the values of honesty, integrity, truthfulness, and professional ethics. On behalf of the institute, I extend my heartiest congratulations to batch 2020 and 2021. Make sure you fulfill the responsibilities bestowed on you, make sure you contribute to the nation, and make sure the world keeps on chanting

विश्व का मुकुटमणी आईआईटी पटना
सदा तत्पर सदा जाग्रत पीछे ना जाने हटना।।

"Vishva kaa mukut mani IIT Patna
Sadaa tatpar sadaa jagrat pichhe naa jaane hatnaa"

"Verily is world's jewel in crown IIT Patna
Ever active, ever alert, never ever knows stepping back"

May the motto of IIT Patna "Vidyarthi Labhate Vidyam" be your guiding star. Knowledge is attained by the one who aspires for it. We are all seekers of knowledge, and only the one who seeks can find it!

Jai Hind

Chairman's Address

Dr. Anand Deshpande
Chairman, Board of Governors, IIT Patna

Honourable Chief Guest, Dr Prabhakar Raghavan, Senior Vice President of Google, Prof. Pramod Kumar Jain, Director, IIT Patna, Distinguished Members of the Board of Governors, Members of the Academic Senate, Members of the Faculty and Staff and the most important guests of today's function, the IIT Patna graduating class of 2020 and class of 2021, Ladies and gentlemen!

Jai Hind, and my warm greetings to all of you!

We are here to celebrate the 8th Convocation Ceremony of IIT Patna amid this unprecedented global pandemic. Despite these difficult times, I am proud of the efforts made by the staff, faculty and students who found innovative ways to continue teaching and keep academic activities going without compromising the quality of learning outcomes.

Thanks to their efforts, we are able to celebrate today's Convocation or the Dikshaant Samaroh. This is a momentous occasion and an important landmark in your academic journey, and I wish you all the very best as you enter the exciting new world of challenges, opportunities and responsibility. I am confident that with the skills and expertise you have acquired here at IIT, you will make a positive difference to the world around you.

IITs have the responsibility to be the fountainhead of knowledge. Knowledge is worthy when it is useful for the common man, and when it leads to innovations that solve society's problems.

IIT Patna has made a breakthrough in this regard by setting up an "incubation centre" for innovating in Electronics System Design and Manufacturing.

I firmly believe that the ongoing drive on "Entrepreneurship and Innovation" that we offer and the new academic degree programs that are launched this year – B. Tech with a specialization in Artificial Intelligence, BS in Mathematics and Computing, B.Tech in Engineering Physics will encourage more students to become entrepreneurs and researchers. Furthermore, IIT Patna is also in the process of starting MBA and BS in Economics.

After shifting to our permanent campus, six years back, IIT Patna is taking small but significant steps towards academic growth and excellence. Apart from academic pursuits, the faculty and students are

engaged in helping the rural community around Bihta through various outreach programs like Adhyayan and Prayatna. I am confident that IIT Patna's contributions to society will continue to grow in years to come.

Due to prevailing conditions of COVID-19, we could not start some of the programmes that were planned, but with improving scenarios, we will be able to start these programs in the next academic session, and I believe new life and vigour will be back on campus soon.

On this occasion, let me extend a warm welcome to all those who have accepted our invitation to be present online. I want to especially thank the parents and the well-wishers of young students graduating today. Without your support, their life would have been more challenging.

It is my privilege to extend my heartiest congratulations to the graduates of the ninth and tenth batch of IITians from Patna. Furthermore, I extend my best wishes and blessings to the students as they join the workforce on their way to become leading technocrats, researchers, entrepreneurs, academicians of the future.

I thank and convey my best wishes to all the other students, faculty and staff members of IIT Patna for their relentless efforts towards seeking excellence.

I am really looking forward to an inspiring and enlightening message from our Chief Guest. I am honoured and delighted that Dr Prabhakar Raghavan, Senior Vice President of Google, agreed to join us for this occasion. At Google, Dr Raghavan is responsible for Google Search, Assistant, Geo, Ads, Commerce and Payments products.

Like all of you, Dr Raghavan is an IITian. He did his B. Tech. from IIT Madras and his PhD in Electrical Engineering and Computer Science from the University of California at Berkeley.

Dr Raghavan is one of the world's foremost authorities on Search and Information Retrieval.

He joined Google in 2012. Prior to his current role, he was Vice President of Google Apps, Google Cloud. Under his leadership, the Apps business expanded from a set of consumer apps to an enterprise solution that is a significant contributor to Google's Cloud business. In 2018 he became responsible for the Ads & Commerce teams, including search, display and video advertising, analytics, shopping, payments, and travel. He has helped drive double-digit growth while remaining centred on longstanding principles of user trust and fair value exchange among users, publishers, and advertisers.

Prior to joining Google, Prabhakar founded and led Yahoo! Labs, where he was responsible for search and ad ranking, as well as ad marketplace design. He also served as CTO at Verity and held various positions over the course of 14 years at IBM Research, working on algorithms.

He has numerous honours and awards to his name. Among them is the 2006 Distinguished alumnus award from UC Berkeley Division of Computer Science and the 2012 Distinguished alumnus award from IIT Madras.

He is a member of the National Academy of Engineering, an IEEE Fellow and an ACM Fellow. We are honoured and immensely proud to have Dr Prabhakar Raghavan, a distinguished scholar and a business leader, amongst us online today. Thank you, Prabhakar, for accepting our invitation. I hope to welcome you to Patna when travel becomes easier.

We are all anxious to hear from you.

Dear graduating students, I present before you our Chief Guest, Dr Prabhakar Raghavan.

Convocation Address
Chief Guest: Dr. Prabhakar Raghavan

Good morning everyone. It is a great pleasure and privilege to be speaking with you today. I want, first and foremost, to offer my heartfelt congratulations to the Indian Institute of Technology Patna graduating students of the 2020 and 2021 batches! It is an honor to join you for the eighth Convocation of IIT Patna.

I would also like to congratulate and acknowledge the proud parents, guardians, family, friends, and mentors who helped make this auspicious day possible. I want to extend my deepest gratitude to the Chairman of the Board of Governors of the IIT Patna Dr. Anand Deshpande, Distinguished members of the Board of Governors, Director of the Institute Prof. Pramod Kumar Jain, Members of the Academic Senate, and Members of the Faculty and Staff. Thank you for inviting me to speak today.

I certainly never imagined I'd be giving a convocation speech from Google's headquarters in California, nearly eight thousand miles away from Patna. And I'm equally certain this isn't the commencement ceremony that you all imagined for 2021. While I wish that you could all be together celebrating safely on campus, I'm honored and grateful for the opportunity to address you from afar, and I am so impressed by your resilience despite the adversities of the past year. I am also certain that the friendships that you've made among your cohort have helped sustain your spirit, and I hope that these are connections you will keep for a lifetime.

IITs are world-renowned for producing incredible technologists and engineers, and one of the most remarkable things about studying at an IIT is being surrounded by some of India's most brilliant minds. To this day, I am still in touch with my graduating class from IIT Madras. We have a Whatsapp group that is quite active, and this past year has brought even more meaningful connections. We saw many messages exchanged among former classmates helping one another — organizing mask deliveries, respirators and oxygen supplies to those in need. I will always be indebted to IIT for creating enduring relationships and life skills like these.

Now… as you all know, Patna is very close to the ancient capital where Siddhartha became an ascetic, eventually becoming the Gautama Buddha. While I can't promise a similarly transcendent experience over the next 20 minutes, I'll try to make it worth your time. When I first spoke with Dr. Deshpande and Professor Jain, they told me that I'm the first convocation speaker for IIT Patna to represent the tech industry. I was humbled… what an honor! It also made me smile for another reason. You see, 40 years ago, almost to this very day, I too was graduating from IIT. And at that time, I never thought I'd end up in tech…or in any industry at all!

I planned to be teaching at a university – and for many years, I essentially did. I could have easily spent my entire life as an academic and never made the jump to industry. But today, I lead a team of over twenty thousand talented colleagues responsible for many of Google's information products, including Google Search and Google Maps - services I hope you all love. That's a far cry from some of my early work, watching silicon chips bake, alone in a corner of a lab…You might be wondering how I got from that sterile lab to this Google office. I wish I could tell you that I got here by being brave, or bold, or throwing caution to the wind, by intentionally taking big risks. But it wouldn't be true.

Taking a step back to reflect, I realize now that my mindset was simply just to look for the next hard problem to solve. Every time that I solved a hard problem, I moved onto a more difficult one. Over and over again. But as I moved through life, with each of these choices, I also started to go beyond certain limits that I had imposed on myself. That brings me to what I want to talk about today: limits. We all face limits – whether they're ones that we place on ourselves, that society places on us, or even the limitations of our own understanding. Staying within those guardrails is often the easiest path to take. But with the gift of time, I can say this: When we work to push beyond those limits…When we instead chase problems with purpose… When we refute others' expectations of us… That's when magic happens. This idea - the idea of reimagining limits - has shaped the course of my life.

It goes back to before I was even born, back to my family and in particular, my mother. My mom trained to be a physicist. But before she studied physics, she was a young girl with a question. One day she was helping wash dishes, and she asked: "Why does water stick to your hands instead of sliding off?" Her grandfather, my great-grandfather, heard her curiosity and recognized her potential. At a time when it was not commonplace for women to pursue higher education, to his credit, he encouraged her to learn more about science and go on to study at university. My mom was one of just three women in her graduating class at a university in Chennai. She got her Masters in Physics, and went on to teach high school. But of course that was not without its challenges. And even though we're now in a different time, we all recognize that societal limitations still persist for many. Quite simply, the world does not extend the same possibilities to everyone.

That's why it would be foolish for me to talk to you today about limitations without first acknowledging that there are some that cannot be shattered alone. In my own example, my great-grandfather encouraged my mom to pursue her passion. My mom and dad supported one another, and helped pave the path for me and my sister, who's also an engineer. And you can imagine, this will continue on. My family experience illustrates something we all know: it often takes more than one person to drive change. We all have that power and responsibility. So I ask you, graduates, as you go out into the world, please consider the unseen barriers facing others around you, and how you can do your part. You'll be surprised at how much change each of you can bring about.

This idea of limits came into play during another pivotal moment in my life, when I was right around your age. Earlier, I mentioned that I had planned to be an academic. After graduating from IIT Madras, I moved to the States to pursue my PhD in semiconductor engineering. I thought I had it all figured out. For many reasons – mostly those in my own mind – my future felt fairly predetermined. Having come from a family of academics and teachers, it had long been imparted to me that academia and the pursuit of knowledge was the most noble profession. So to me, my path forward was pretty clear: Get my PhD, become a professor, make novel contributions to science…hopefully! And for the rest of my life, devote myself to the higher calling of knowledge and education.

I was not unhappy with this. I was content enough with the path that I had laid out before myself. But there were plot twists along the way. When I got to Berkeley to begin my PhD, some of my excessive self-restraint started to crack. The first sign of this was that I started to sit in on some humanities classes – subjects I hadn't studied since high school. I was re-reading poetry, studying Shakespeare. (By the way, Julius Caesar and Hamlet are better than a management course, if you want to learn how not to lead.)

And, in the course of pursuing my PhD, I changed my specialization four times. I tried my hand at semiconductors, then computer-aided design, then computer architecture, finally landing on the theory of computation. Every change felt like a fairly radical shift. I tried out each field for a couple of semesters before moving on to what seemed like a bigger challenge. I eventually settled on the mathematics of

computing for its beauty and depth, and got back on the path to academia. Just as planned. As graduation neared, I began to apply for faculty positions. Just as planned.

But right before graduation, I made another unexpected turn. My friends were all interviewing for industry jobs and told me I should give it a try. Talk about peer pressure. On a whim, I accepted an interview at IBM – despite having never held a 'real job' before. I didn't even have a suit of my own. I borrowed one from a friend! The arms and legs were too short, the shoulders too tight. Today, no one would dare to show up for an interview in tech in a suit and tie – let alone, an ill-fitting one — but hey, it was the '80s. And word of advice – if you ever interview at Google, no need to borrow a suit – we might think you got lost on your way to a different interview. A t-shirt or hoodie will do just fine. During that interview, I saw a whole different potential path for my career. I realized that – while I had always thought the noblest cause was academia – I could still pursue science in the private sector, and maybe even at a faster pace. So I took a second look at my plan… to become a professor, to pursue knowledge for knowledge's sake. And I tossed it out… just two months before I finished my PhD! I moved into industry, where I've had a long career, and I now have the privilege of working on products and businesses that reach billions of people. But, interestingly, over the past few decades, my work hasn't been confined to industry alone.

I've also worked with the research community, moonlit as an adjunct professor for over fifteen years, and written two computer science textbooks. My point is this: sometimes, we impose limitations on ourselves. We think we can only do one thing: just academia, or just startups. But what I've seen along my journey is something that people rarely tell you, especially when you're first starting out… You don't need to do just one thing. You don't need to be just one thing. Never think that just because you're getting a degree in a certain major today, or taking on your first job in a particular field or at a particular company, that it defines you for life. You will evolve and adapt over time - so that first choice you make isn't the end-all. Your future isn't limited by these things. And that's good. Your future might even be changed by a speech you hear on the radio! At least, mine was. That brings me to my next story.

This was in the '90s. I had two young kids at the time, and they and their friends were obsessed with Pokemon (the first time it was cool!) and Blockbuster Video. But my work colleagues were obsessed with this new thing called Mosaic, the first graphical Web browser. I was driving home one evening when I heard a speech on the radio by the developer of Mosaic, Marc Andreessen. He shared his wild hypothesis that the Internet was going to go far beyond information foraging. It was going to be so much more than a set of pages you browse through… It was going to be the engine of the economy. His bold prediction struck a note with me, so when I got back to the office the next morning, I turned to my team at the time, and I said: "Hey, we're going to work on Web Search".

Back then, Search was horribly broken… you'd be lucky to get what you were looking for after a dozen query attempts! Still, I thought it was amazing that people had access to so much information about virtually anything.

As I began to explore the Search problem more deeply, I realized something. The search for knowledge is a cognitive need that isn't subject to computational limits. You could have all the computers in the world, and still, you might not build a better search engine. This blew my mind. And so, my team and I pursued search algorithms that presumed that we had infinite computing – we cast off our limits – and ended up with search that worked better, even if it was slow.

To this day, I remain inspired by the core promise of search - knowledge - and its ability to uplift the human condition. Just think. Two decades ago, the Web's information was the equivalent of a single library. But today, the Web houses more information than all of the libraries in the world combined.

And what's more, it brings that information right to people's fingertips. Now, you can point your camera at a street sign in a different language and have it translated aloud. Or you can get walking directions in augmented reality. Or you can find COVID testing sites near you in an instant…And while all these things are possible today, there are a myriad of challenges still to be explored. In fact, we spend a great deal of time thinking about how to provide high quality answers to questions that haven't even been asked yet. So as you head into this next chapter of your life, pursue the ever-evolving, seemingly unsolvable problems. When you do that in pursuit of changing the world, you will change it for the better.

Today, we talked about limits, about the ones that others put on you, that you put on yourself, or that you might face in your quest for knowledge. So before I go, I want to share a quote from Buddha, given Patna's sacred history: "The mind that perceives the limitation is the limitation."

Aha! I could have given you a few minutes of your time back. Buddha summed it up perfectly. Except, I have to be honest. I searched for Buddha quotes on Google, and this came up as a top result for me. Alas, a different search debunked it. Thank you, Fakebuddhaquotes.com. Like I said, search is never going to be a solved problem. Still, even in a fake Buddha quote, there's a great deal of wisdom. "The mind that perceives the limitation is the limitation." So, let's break barriers, open up possibilities, and innovate for the future. If you take anything away from today, I hope you take this: Dare to defy limits, IIT Patna graduates, and you will do incredible things. Just imagine what you can do to change the world when you refuse to let limits hold you back.

Congratulations, and thank you for your time. Here's to a very bright future ahead!

Board of Governors

Chairman	
Dr. Anand Deshpande	IIT Patna
Ex. Officio Member	
Prof. Pramod Kumar Jain	Director, IIT Patna
Members	
Additional Secretary/ Joint Secretary	MHRD, Govt, of India
Principal Secretary	Department of Science & Technology, Govt. of Bihar
Principal Secretary	Department of Science & Technology, Govt. of Jharkhand
Prof. Kailash Chandra Sharma	Vice-Chancellor, Kurukshetra University, Kurukshetra (Haryana)
Prof. Yogesh Singh	Vice-Chancellor, Delhi Technological University (Formerly Delhi College of Engineering)
Dr. Mangesh V. Joshi	Managing Director, Sanrachna Structrual Stenthening Pvt. Ltd,
Dr. Naveen Kumar Nishchal	Associate Professor, Dept. of Physics., IIT Patna
Mr. Vishwa Ranjan	Registrar, Indian Institute of Technology Patna

Associate Deans

Academics	Dr. Atul Thakur
Administration	Dr. Somanath Tripathy
Faculty Affairs	Dr. Mayank Tiwari
Research & Development	Dr. Jawar Singh
Student Affairs	Dr. Smriti Singh
Resource	Dr. Rishi Raj

Head of the Departments

Department of Chemistry	Dr. Sahid Hussain
Department of Chemical and Biochemical Engineering	Dr. Nitin Dutt Chaturvedi
Materials Science and Engineering	Dr. Anup Kumar Keshri
Department of Computer Science and Engineering	Dr. Jimson Mathew
Department of Electrical Engineering	Dr. Ahmad Ali
Department of Humanities & Social Sciences	Dr. Nalin Bharti
Department of Mathematics	Dr. Om Prakash
Department of Mechanical Engineering	Dr. Mohd. Kaleem Khan
Department of Civil Engineering	Dr. Ramakrishna Bag
Department of Physics	Dr. Venkata Ramanaiah Dantham

MEDALS AND PRIZES
INSTITUTE GOLD MEDAL
PRESIDENT OF INDIA GOLD MEDAL

This gold medal is to be awarded to the outgoing B. Tech. student of a batch who is adjudged to be the academically best, securing the highest CPI at the end of the 8th semester for B.Tech degree among the graduating students of all B.Tech courses.

PRESIDENT OF INDIA GOLD MEDAL, 2020

ASHUTOSH MISHRA
(1601ME09)

PRESIDENT OF INDIA GOLD MEDAL, 2021
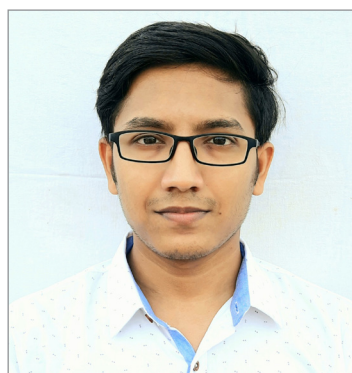
UMANG JAIN
(1701CS56)

DIRECTOR'S GOLD MEDAL

This gold medal is to be awarded to the outgoing B.Tech student of a batch who is adjudged to be the best all-rounder [academic record/CPI in semester examination, activities in the department, activities in the hall of residence, and performance under student Gymkhana (sports and social and cultural activities)] at the end of 8th semester for B.Tech degree from among the graduating students of all B.Tech courses.

DIRECTOR'S GOLD MEDAL, 2020

ANUSHREE JAIN
(1601CS54)

DIRECTOR'S GOLD MEDAL, 2021

VATSAL SINGHAL
(1701CS52)

CHAIRMAN'S GOLD MEDAL

This gold medal is to be awarded to the outgoing M. Tech. student of a batch who is adjudged to be the academically best, securing the highest CPI at the end of the 4th semester for M.Tech degree among the graduating students of all M.Tech courses.

CHAIRMAN'S GOLD MEDAL, 2020

CHAIRMAN'S GOLD MEDAL, 2021

DIVYA GROVER
(1811CE07)

SUBHADIP BHANDARI
(1911MM15)

ARYABHATTA GOLD MEDAL

This gold medal is to be awarded to the outgoing M. Sc. student of a batch who is adjudged to be the academically best, securing the highest CPI at the end of the 4th semester for M.Sc. degree among the graduating students of all M.Sc. courses.

ARYABHATTA GOLD MEDAL, 2020

ARYABHATTA GOLD MEDAL, 2021

ARINDAM BASAK
(1812MA06)

SASWATA JANA
(1912MA17)

INSTITUTE SILVER MEDAL

Institute Silver Medal, B. Tech

The silver medal is to be awarded to the student who secures the highest CPI at the end of 8th semester of B.Tech degree among the graduating students of a batch in each of the B.Tech courses.

INSTITUTE SILVER MEDAL, 2020

Mechanical Engineering

ASHUTOSH MISHRA
(1601ME09)

Computer Science and Engineering

NAVEEN T
(1601CS55)

Civil and Environmental Engineering

G SAHI DARSINI
(1601CE11)

INSTITUTE SILVER MEDAL, 2021

Mechanical Engineering

SHASHANK SHREYASKAR
(1701ME41)

Computer Science and Engineering
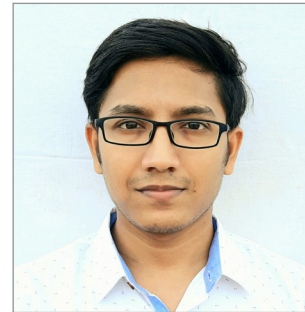
UMANG JAIN
(1701CS56)

Civil and Environmental Engineering

DAKSH BHATNAGAR
(1701CE06)

INSTITUTE SILVER MEDAL, 2020

Electrical Engineering

POOJA CHOUDHARY
(1601EE51)

Chemical Engineering

ADITYA KUMAR KESHARI
(1601CB01)

INSTITUTE SILVER MEDAL, 2021

Electrical Engineering

MD AZAM
(1701EE21)

Chemical Engineering

KETAN BATHOM
(1701CB11)

Institute Silver Medal, M. Tech

The silver medal is to be awarded to the student of a batch who secures the highest CPI at the end of 4ᵗʰ semester of M.Tech degree among the graduating students of each of the M.Tech courses.

INSTITUTE SILVER MEDAL, 2020

Civil and Environmental Engineering

DIVYA GROVER
(1811CE07)

INSTITUTE SILVER MEDAL, 2021

Civil and Environmental Engineering

PRANAY SINGH
(1911CE13)

INSTITUTE SILVER MEDAL, 2020	INSTITUTE SILVER MEDAL, 2021
Communication System Engineering	**Communication System Engineering**

KEERTHI KUMAR S
(1811EE06)

Computer Science and Engineering

CHANDRESH SHAMBHUBHAI KANANI
(1811CS07)

Materials Science and Engineering

RAGHAV MUNDRA
(1811MS05)

HARSHA
(1911EE03)

Computer Science and Engineering

KARANJIT SINGH GILL
(1911CS09)

Materials Science and Engineering

SUBHADIP BHANDARI
(1911MM15)

INSTITUTE SILVER MEDAL, 2020
Mathematics and Computing

ANINDYA SUNDAR DAS
(1811MC02)

Mechanical Engineering

VIJAY KUMAR
(1811ME10)

Mechatronics

SAHIL SHARMA
(1811MT14)

INSTITUTE SILVER MEDAL, 2021
Mathematics and Computing

BISHAL SHAW
(1911MC04)

Mechanical Engineering

AVINASH UPADHYAY
(1911ME04)

Mechatronics

DAREKAR AKSHAY YUVRAJ
(1911MT05)

INSTITUTE SILVER MEDAL, 2020
VLSI & Embedded Systems

UDAY MAURYA
(1811EE20)

Nano Science and Technology

AKHIL K NAIR
(1811NT02)

INSTITUTE SILVER MEDAL, 2021
VLSI & Embedded Systems

SUBHAJIT BASAK
(1911EE22)

Institute Silver Medal, M. Sc.

The silver medal is to be awarded to the student of a batch who secures the highest CPI at the end of 4th semester of M.Sc. degree among the graduating students of each of the M.Sc. courses.

INSTITUTE SILVER MEDAL, 2020

Physics

BHUPESH KUMAR SHARMA
(1812PH04)

INSTITUTE SILVER MEDAL, 2021

Physics

TANIA MUKHERJEE
(1912PH26)

INSTITUTE SILVER MEDAL, 2020
Chemistry

SANDIP MONDAL
(1812CH11)

INSTITUTE SILVER MEDAL, 2021
Chemistry

ROMICA JAIN
(1912CH14)

Mathematics

ARINDAM BASAK
(1812MA06)

Mathematics

SASWATA JANA
(1912MA17)

SHRI KEDAR NATH DAS MEMORIAL AWARD

This award prize of Rs.10000 is to be given for outstanding all round performance, excellent organizational abilities and leadership qualities in Department of Computer Science and Engineering.

SHRI KEDAR NATH DAS
MEMORIAL AWARD, 2020

ANUSHREE JAIN
(1601CS54)

ARUNIKA YADAV
(1601CS56)

SHRI KEDAR NATH DAS
MEMORIAL AWARD, 2021

VATSAL SINGHAL
(1701CS52)

Graduating B. Tech. Students

B.Tech in Chemical Engineering, 2020

1.	ADITYA KUMAR KESHARI	1601CB01	11.	PATEL PARTH	1601CB14
2.	ASHISH KUMAR SINGH	1601CB03	12.	RAGHAV HEDA	1601CB16
3.	ASWIN KRISHNA	1601CB04	13.	RAJAT GUPTA	1601CB17
4.	AYUSH INANI	1601CB05	14.	SACHIN	1601CB18
5.	BHAGIRATH SARDAR	1601CB06	15.	SANGEETH MUKUNDAN	1601CB19
6.	DEVANSH JAISWAL	1601CB08	16.	SASI KUMAR S	1601CB20
7.	DHEERAJ KALANI	1601CB09	17.	SATYENDRA KUMAR	1601CB21
8.	NEERAJ KUMAR MEHRA	1601CB11	18.	SUNIL KUMAR YADAV	1601CB22
9.	NISHANT KULSHRESTHA	1601CB12	19.	VIKAS SINGH	1601CB23
10.	PANKAJ KUMAR SINGH	1601CB13	20.	YASH CHOUDHARY	1601CB24

B.Tech in Chemical Engineering, 2021

1.	AASHAY HARSHIT	1701CB01	13.	NAMATHABAD SANDEEP KUMAR	1701CB16
2.	AFTAB AMEER MOHIDEEN	1701CB03	14.	POTHAPRAGADA VENKATA SG KRISHNA SRIKAR	1701CB17
3.	ANUP PURANDAS ALONE	1701CB04	15.	PRAKASH SINGH	1701CB18
4.	ASHISH SANTHOSH JACOB	1701CB05	16.	PRANSHU CHANDANI	1701CB19
5.	ATHARVA RAJESH EKATPURE	1701CB06	17.	PRATHIPATI NITHISH	1701CB20
6.	DIVYA VERMA	1701CB07	18.	PRIYANSH SINGH RAO	1701CB21
7.	GAURAV MISHRA	1701CB08	19.	RIYA RANJAN	1701CB22
8.	IRAGARAJU BHAVANI SUSMITHA	1701CB10	20.	ROHIT KUMAR	1701CB23
9.	KETAN BATHOM	1701CB11	21.	SAURODEEP DAS	1701CB25
10.	MAYANK SINGH	1701CB12	22.	VIKASH PRASAD SONI	1701CB26
11.	MUPPALLA YASWANTH CHOWDARY	1701CB14	23.	VIVEK GARG	1701CB27
12.	NALLAM SAI NIRANJAN	1701CB15	24.	RUPESH NEEKHRA	1701CB28

B.Tech in Chemical Science & Technology, 2020

1.	VIVEK ARSHIBHAI NAKUM	1501CH24

B.Tech in Civil Engineering, 2020

1.	ABHINAV GYAN	1601CE01	13.	MAYANK KUMAR SINGHAL	1601CE13
2.	ABHINAV SHARMA	1601CE02	14.	PRAVESH KUMAR MEENA	1601CE16
3.	ABHISHEK BHARTI	1601CE03	15.	RAJ	1601CE17
4.	ABHISHEK SINGH	1601CE04	16.	RISHABH	1601CE18
5.	AKASH CHAUDHARY	1601CE05	17.	RITESH SINGH RATHOUR	1601CE19
6.	AMAR SAMIRA	1601CE06	18.	ROHIT KUMAR	1601CE20
7.	AMIT SINGH	1601CE07	19.	SANKET RAJ	1601CE21
8.	ANKIT RAI	1601CE08	20.	SATYAKI BARMAN	1601CE22
9.	ASHUTOSH KUMAR SINGH	1601CE09	21.	SATYAM SINGH	1601CE23
10.	BANKEY BIHARI JHA	1601CE10	22.	SURAJ KUMAR SINGH	1601CE24
11.	G SAHI DARSINI	1601CE11	23.	VISHWAJEET NISHAD	1601CE25
12.	GAURAV KUMAR MEENA	1601CE12	24.	VUNDELA HARSHAVARD-HAN REDDY	1501CE24

B.Tech in Civil Engineering, 2021

1.	ABHAY KUMAR	1701CE01	14.	MOHD JAKIR	1701CE15
2.	AJAY	1701CE02	15.	NARENDRANATH GOGINENI	1701CE16
3.	AMAN KUMAR	1701CE03	16.	NEERAJ PARALIYA	1701CE17
4.	ANUJ KUMAR	1701CE04	17.	PAWAN TIWARI	1701CE18
5.	CHIDARA NAGAMANIKANTA SAI	1701CE05	18.	RAJEEV KUMAR TILAK	1701CE19
6.	DAKSH BHATNAGAR	1701CE06	19.	RAKESH RAUSHAN	1701CE20
7.	DHARMENDRA KUMAR GURJAR	1701CE07	20.	RAKSHIT MAHESHWARI	1701CE21
8.	EKTA	1701CE08	21.	SHIRKE PRANAV VINAYAK	1701CE23
9.	GOPIKRISHNAN NAIR SURESH KUMAR	1701CE09	22.	SHIVAM PRAKASH	1701CE24
10.	JAGDISH KUMAR	1701CE10	23.	SHRISTI SHREYA SINGH	1701CE25
11.	KAUSHAL KUMAR JANGIR	1701CE11	24.	VIKAS MISHRA	1701CE26
12.	KOUSHIK MONDOL	1701CE12	25.	YASH RAWAL	1701CE28
13.	MD SAIFULLAH NASIM	1701CE14			

B.Tech in Computer Science & Engineering, 2020

1.	ABHINAV SIDDHARTH	1601CS01	29.	PATIL SANKET PURUSHOTTAM	1601CS29
2.	ABHISHEK NAUTIYAL	1601CS02	30.	PIYUSH SINGH	1601CS30
3.	ADITYA PRAKASH PATRA	1601CS03	31.	POTNURU VEDAVIKAS	1601CS31
4.	AMIT RANJAN	1601CS04	32.	PRAJJWAL ARYA	1601CS32
5.	ANURAG	1601CS05	33.	PRAKASH KUMAR	1601CS33
6.	ASHUTOSH MISHRA	1601CS06	34.	PUNEET CHHABRA	1601CS34
7.	BALIJA BALA SHASHANK	1601CS07	35.	R J SRIVATSA	1601CS35
8.	BISWAS TAMEESH	1601CS08	36.	RAJ MANI	1601CS36
9.	CHOPRA SARAANSH	1601CS09	37.	RAJ SHEKHAR	1601CS37
10.	DEEPAK KUMAR	1601CS10	38.	RAJEEV KUMAR	1601CS38
11.	DEVANSH GUPTA	1601CS11	39.	SAMBANA PRANAY SHASHANK	1601CS39
12.	DINESH GAUR	1601CS12	40.	SATHVIKESH DAMALA	1601CS40
13.	FAZLE RAHMAN EJAZI	1601CS13	41.	SAURAV	1601CS41
14.	HARSHIKA	1601CS14	42.	SHASHANK SAXENA	1601CS42
15.	JADHAV SAI KRISHNA	1601CS15	43.	SHAURYA GUPTA	1601CS43
16.	JAMMIGUMPULA VENKATA NARAYANA	1601CS16	44.	SHIKHAR JAISWAL	1601CS44
17.	KADUM PERME	1601CS17	45.	SIDDHARTH THAKUR	1601CS46
18.	KARMANKAR VIJAY RATAN	1601CS18	46.	TADAR KAMA	1601CS47
19.	KAUSTUBH SHARMA	1601CS19	47.	VISWAK HANUMANTH ADITH KASINATH	1601CS48
20.	KULKARNI PARTH PARAG	1601CS20	48.	VIVEK RAJ	1601CS49
21.	MANISH KUMAR	1601CS21	49.	YASH PALRIWAL	1601CS50
22.	MAYANK BIPINCHANDRA VAIDYA	1601CS22	50.	MAYANK WADHWANI	1601CS51
23.	MD ASHRAF MOID	1601CS23	51.	ARUNDHATI GUPTA	1601CS52
24.	MD AURANGZEB	1601CS24	52.	DHANUSH S R	1601CS53
25.	MILAN JITENDRA JOLLY	1601CS25	53.	ANUSHREE JAIN	1601CS54
26.	MUKTHAPURAM SAHRUDAY REDDY	1601CS26	54.	NAVEEN T	1601CS55
27.	MUKUNTHA N S	1601CS27	55.	ARUNIKA YADAV	1601CS56
28.	NAVEEN	1601CS28			

B.Tech in Computer Science & Engineering, 2021

1.	ADARSH KUMAR CHAUDHARY	1701CS01	31.	NIHAL KUMAR KHARWAR	1701CS31
2.	AJEET KUMAR	1701CS02	32.	NIKHIL NAINAN GEORGE	1701CS32
3.	AKSHAT JAIN	1701CS03	33.	PIYUSH RAMSHARAN CHAUHAN	1701CS33
4.	AMIT PRIYANKAR	1701CS04	34.	PRADUMAN PANNU	1701CS34
5.	ANKIT KUMAR	1701CS05	35.	PRIYANSHU NANDAN	1701CS35
6.	ANKIT SINGH	1701CS06	36.	RAHUL GROVER	1701CS36
7.	ANKUR DUBEY	1701CS07	37.	RAHUL KUMAR	1701CS37
8.	ANUBHAV JANGRA	1701CS08	38.	RAHUL PANDEY	1701CS38
9.	ANUJ SHASTRI	1701CS09	39.	RAVI KISHAN	1701CS39
10.	ARSH MAHAJAN	1701CS10	40.	RIZWAN KHAN	1701CS41
11.	ARYA DAS	1701CS11	41.	ROHIT KUMAR	1701CS42
12.	ASUTOSH SWAIN	1701CS12	42.	ROHIT YADAV	1701CS43
13.	ATUL UPADHYAY	1701CS13	43.	SHASHI RANJAN	1701CS44
14.	BHOLA KUMAR	1701CS14	44.	SHEETAL GUPTA	1701CS45
15.	BOPPANA DHANVANTH	1701CS15	45.	SHIVANSH SHUKLA	1701CS46
16.	CHANDAN KUMAR	1701CS16	46.	SHREYASH VILAS GEDKAR	1701CS47
17.	DEEPANJAN DATTA	1701CS17	47.	SHUBHANKAR AMITABH	1701CS48
18.	DHEERAJ KUMAR	1701CS18	48.	SNIGDH SINHA	1701CS49
19.	DIKSHA BANSAL	1701CS19	49.	SUNNY SINGH	1701CS50
20.	DIVYANSHU N SINGH	1701CS20	50.	VAIBHAV GAJBHIYE	1701CS51
21.	GAURAV KUMAR	1701CS21	51.	VATSAL SINGHAL	1701CS52
22.	GOPUGARI BADRINATH REDDY	1701CS22	52.	VIJIGIRI VRUSHANK VARMA	1701CS53
23.	GURRAMKONDA HIMA SAGAR	1701CS23	53.	VINNAKOTA SAI SUJEETH	1701CS54
24.	KANAV GHAI	1701CS24	54.	VIVEK KUMAR SHAW	1701CS55
25.	KAPIL GUPTA	1701CS25	55.	UMANG JAIN	1701CS56
26.	MANAVJEET GUPTA	1701CS26	56.	HARSH JINDAL	1701CS57
27.	MAYANK	1701CS27	57.	SHRISH CHANDRA SHARMA	1701CS58
28.	MOHIT KISHORE	1701CS28	58.	VAIBHAV PANDEY	1701CS59
29.	NAYAN RAJU THULKAR	1701CS29	59.	GURPREET SINGH	1701CS60
30.	NENAVATH PRABHU	1701CS30	60.	SACHIN PANDEY	1701CS61

B.Tech in Electrical Engineering, 2020

1.	ABHINAV	1601EE01	26.	PULIPATI HARI KRISHNA	1601EE32
2.	ABHIRAV SATI	1601EE02	27.	RAHUL KUMAR	1601EE34
3.	ABHISHEK KUMAR	1601EE03	28.	RAHUL KUMAR AKASH	1601EE35
4.	AGGI SATHVIK	1601EE04	29.	RAUSHAN RAJ	1601EE36
5.	AMAN JHA	1601EE05	30.	RISHAB KATIYAR	1601EE37
6.	AMBUJ KUMAR SINGH	1601EE06	31.	SAHIL SHARMA	1601EE38
7.	ANUNAY KANT	1601EE07	32.	SAHIL SINGH	1601EE39
8.	AYUSH KUMAR SINGH	1601EE10	33.	SANJAY KUMAR MEENA	1601EE40
9.	BHARAT SHAH	1601EE11	34.	SAURABH	1601EE41
10.	CHAITANYA KHARE	1601EE12	35.	SAURABH JAISWAL	1601EE42
11.	DEEPAK KUMAR MEENA	1601EE13	36.	SHAGUFTA NAAZ	1601EE43
12.	DONKADA SAI MANOGNA	1601EE15	37.	SHAILESH SHRIVASTAVA	1601EE44
13.	GANTLA AVINASH SRAVAN GANDHI	1601EE16	38.	SHASHANK SINGH	1601EE45
14.	GAURAV KATARIA	1601EE17	39.	SHIVESH YADAV	1601EE46
15.	HARPREET KUMAR	1601EE18	40.	SOURABH PRASAD	1601EE47
16.	HARSH RAJ	1601EE19	41.	VINAIK ADIDEV VIVEK	1601EE48
17.	KRISHAN KANT	1601EE20	42.	VISNU P KUMARR	1601EE49
18.	NEHA KUMARI	1601EE22	43.	YASH	1601EE50
19.	KUNDAN KUMAR	1601EE23	44.	POOJA CHOUDHARY	1601EE51
20.	MOHD HILAL CHOUDHARY	1601EE25	45.	OSHO ANAND	1601EE52
21.	MOHIT SINGH TOMAR	1601EE26	46.	PRAKHAR SRIVASTAVA	1601EE53
22.	NILENDU SHUBHAM	1601EE27	47.	KANKOTIYA SAHAJKUMAR VANMALIBHAI	1601EE54
23.	PEEYUSH SHIVAM RAJ	1601EE28	48.	BANDHU SAI KRISHNA KANTH	1401EE11
24.	PRANEET KUMAR	1601EE30	49.	CHETHIREDDY PRANAY TEJA REDDY	1401EE12
25.	PRATIYUSH PUSHKAR	1601EE31			

B.Tech in Electrical Engineering, 2021

1.	ABHIPRAY SINGH	1701EE01	30.	RACHUMALLU YASWANT	1701EE34
2.	ADDULA SAKETH REDDY	1701EE02	31.	RAGHU VAMSI VEERAPANENI	1701EE35
3.	ADITYA GUPTA	1701EE03	32.	RAHUL ANAND	1701EE36
4.	ADITYA RANJAN	1701EE04	33.	RAJESHWAR OJHA	1701EE37
5.	ADUPA SRI RANGANADH	1701EE06	34.	RAPELLI RAMA KRISHNA	1701EE38
6.	AMGOTH MISHANLAL	1701EE07	35.	RISHAB KUMAR	1701EE39
7.	ANIKET KUMAR	1701EE08	36.	ROHAN KUMAR	1701EE40
8.	ANSHUMAN DWIVEDI	1701EE09	37.	ROHIT SHYAMKANT CHAUDHARI	1701EE41
9.	ASHISH	1701EE10	38.	SADULA NIRANJAN REDDY	1701EE42
10.	AVINASH SINGH	1701EE11	39.	SAURABH SINGH	1701EE43
11.	BOMMERA NIKHIL	1701EE12	40.	SHAIK SHADIQ	1701EE44
12.	GUDE VIGNESH KUMAR	1701EE13	41.	SHUBHAM SINGH	1701EE45
13.	HITVARDHAN	1701EE14	42.	SHUBHAM SWARAJ	1701EE46
14.	JAY SHANKAR PANDIT	1701EE15	43.	SUBHAM MONDAL	1701EE47
15.	JAYESH GUPTA	1701EE16	44.	SUMIT SOURABH	1701EE48
16.	KARHAD RAMAN VIJAYRAO	1701EE17	45.	SWADHA PANDEY	1701EE49
17.	MADHAV MANISH	1701EE19	46.	TANURUHA MAJUMDAR	1701EE50
18.	MANOJ KUMAR	1701EE20	47.	UTKARSH	1701EE52
19.	MD AZAM	1701EE21	48.	VAIBHAV VATSAL	1701EE53
20.	NANDAN RAJENDRA SHAH	1701EE23	49.	VIKAS SINGHAL	1701EE54
21.	NARENDRA MEENA	1701EE24	50.	VIKRAM PATEL	1701EE55
22.	NEERAJ KUMAR MEENA	1701EE26	51.	SAHIL AGGARWAL	1701EE56
23.	NELAPUDI SANDEEP	1701EE27	52.	VINEET MISHRA	1701EE57
24.	NIKHIL BHARATI	1701EE28	53.	MANAS SINGH	1701EE58
25.	NITIN YADAV	1701EE29	54.	SAURABH GUPTA	1701EE59
26.	PEDADA SREE HARSHA	1701EE30	55.	MRIDUL SRIVASTAVA	1701EE60
27.	PIYUSH TIWARY	1701EE31	56.	HIMANSHU GUPTA	1701EE61
28.	PRATEEK KUMAR RAI	1701EE32	57.	PRABHAT RANJAN	1601EE29
29.	PRIYESH RANJAN	1701EE33			

B.Tech in Mechanical Engineering, 2020

1.	ADITYA SUMAN	1601ME01	24.	RAHUL KUMAR	1601ME26
2.	AKSHAT RAHUL	1601ME02	25.	RAJKE PRATIK MAYUR	1601ME27
3.	AKSHAY KUMAR	1601ME03	26.	RAKESH BAIRWA	1601ME28
4.	AMIT KUMAR	1601ME04	27.	RAVI MEENA	1601ME29
5.	ANKIT KUMAR MEENA	1601ME05	28.	REDDI SAI VAMSI	1601ME30
6.	ARYAN KUMAR	1601ME06	29.	RENATI ROHITH KUMAR REDDY ˢ	1601ME31
7.	ASHISH KUMAR UPADHYAY	1601ME07	30.	ROHAN KUMAR SINGH	1601ME32
8.	ASHISH PRIYA	1601ME08	31.	ROUSHAN KUMAR GUPTA	1601ME33
9.	ASHUTOSH MISHRA	1601ME09	32.	SAKSHAM KUMAR	1601ME34
10.	DHARMARAJU ROSHAN VINAYKAR	1601ME10	33.	SAMPURN KASHYAP	1601ME35
11.	DINESH KUMAR MEENA	1601ME11	34.	SANDEEP TRIPATHY	1601ME36
12.	GAURAV KUMAR MEENA	1601ME12	35.	SAURABH SAMIR	1601ME37
13.	GUJARKAR LAHU	1601ME13	36.	SOHID H TURE	1601ME38
14.	JANJARLA SAGAR	1601ME14	37.	SRIJAN SUMANT	1601ME39
15.	JASKARAN SINGH CHHABRA	1601ME15	38.	SUPRABHASH SAHU	1601ME40
16.	KANER SWAPNIL SHARAD	1601ME16	39.	SURAJ KUMAR JHA	1601ME41
17.	KOPPISETTI VENKATA KALYAN SAI	1601ME18	40.	SWAPNIL AGRAHARI	1601ME42
18.	LINGALA VISHVA CHAITANYA	1601ME19	41.	SWASTIK MISHRA	1601ME43
19.	MAYANK TRIPATHI	1601ME20	42.	UPENDRA PRATAP SINGH	1601ME44
20.	NARAIN ROHANG	1601ME21	43.	UTSAV N DATTANI	1601ME45
21.	NAVIN KUMAR	1601ME22	44.	VIJAY SHARMA	1601ME46
22.	NITIN KASHYAP	1601ME23	45.	VIVEK RAJ	1601ME47
23.	PILLI NOOKESH	1601ME24	46.	YADAV SUJIT VIJAYEE	1601ME48

B.Tech in Mechanical Engineering, 2021

1.	ABHIJEET MANYU	1701ME01	26.	PRANIL JAYANT KESARALIKAR	1701ME28
2.	ABHISHEK KUMAR	1701ME02	27.	PRATEEK	1701ME29
3.	AMAN DEEP	1701ME03	28.	RAKSHIT BHATT	1701ME30
4.	AMAN DEEP	1701ME04	29.	RATHOD SRINIVAS	1701ME31
5.	AMAN MISHRA	1701ME05	30.	RITESH KUMAR	1701ME33
6.	AMAR RAJ	1701ME06	31.	ROHAN J ADITYA	1701ME34
7.	ANSHU KUMAR	1701ME07	32.	ROHIT DUTTA	1701ME35
8.	BADAVATH BHARATH CHANDRA	1701ME08	33.	ROUSHAN KUMAR	1701ME36
9.	BANDARI TARUN	1701ME09	34.	SAIF AHMAD	1701ME39
10.	BANDARU VENKAT	1701ME10	35.	SHARIQUE NOMANI	1701ME40
11.	BANDI LOKNATH	1701ME11	36.	SHASHANK SHREYASKAR	1701ME41
12.	BANSAL KUMAR	1701ME12	37.	SHIVAM KUMAR	1701ME42
13.	BHARADWAJ NAYANAR	1701ME13	38.	SHREYAS SANJAY TAWARE	1701ME43
14.	CHANDAN BHAT	1701ME14	39.	SHUBHAM CHOUKSEY	1701ME45
15.	DEEP ROSHAN	1701ME15	40.	SHUBHAM PATHAK	1701ME46
16.	HARSHIT SINGH	1701ME18	41.	SUDHIR YADAV	1701ME47
17.	HARSHITH JAYA SUNDAR UPPADA	1701ME19	42.	SUJIT JUSTINE BARWA	1701ME48
18.	IMANDI KANAKA MARKANDEYA VENU GOPAL	1701ME20	43.	TEJAS GOYAL	1701ME49
19.	KARTIK SINGH	1701ME21	44.	UJJWAL KUMAR	1701ME50
20.	KOMARA DEVI CHARAN	1701ME22	45.	VAIBHAV GUPTA	1701ME51
21.	ANSHUL SINGH KOSHYARI	1701ME23	46.	VELAMALA BHARATH	1701ME53
22.	KSHITIJ JAIN	1701ME24	47.	VIBHOR UPADHYAYA	1701ME54
23.	MALLAVARAPU TARUN REDDY	1701ME25	48.	VIJENDRA MEENA	1701ME55
24.	MUKESH RAYPURIYA	1701ME26	49.	RAJKUMAR YADAV	1701ME57
25.	PATIL VAIBHAV RAJARAM	1701ME27	50.	SATYAM SINGH	1701ME58

Graduating M. Sc. Students

M. Sc. in Chemistry, 2020

1.	AMIT SINGH	1812CH01	6.	KAMALJEET KUNDU	1812CH09
2.	ANJALI	1812CH04	7.	NANDITA GHOSH	1812CH10
3.	ANKIT CHAUDHARY	1812CH05	8.	SANDIP MONDAL	1812CH11
4.	ARNAB PATLA	1812CH06	9.	SUBRATA HAZRA	1812CH13
5.	ARPIT SHARMA	1812CH07	10.	YOGENDRA KUMAR SUMAN	1812CH14

M. Sc. in Chemistry, 2021

1.	ANANT KUMAR SINGH	1912CH02	8.	NIRAJ KUMAR	1912CH11
2.	ANKUR YADAV	1912CH03	9.	RAVEENA M	1912CH12
3.	ASHISH KUMAR	1912CH05	10.	ROMICA JAIN	1912CH14
4.	ATUL KUMAR DUBEY	1912CH06	11.	SHRADDHA SATYAVAN DAMSE	1912CH16
5.	DURGESH KUMAR SINGH	1912CH07	12.	SHUBHAM SINHA	1912CH17
6.	KIRTI CHUGH	1912CH08	13.	SWASRITA KUNDU	1912CH22
7.	MUSKAN	1912CH10			

M. Sc. in Mathematics, 2020

1.	AAKASH	1812MA01	7.	GIRISH KUMAR SAHU	1812MA07
2.	ABHISHEK KANAUJIYA	1812MA02	8.	KULDEEP JAIN	1812MA08
3.	KUMAR ABHISHEK	1812MA03	9.	MRIGANK SHEKHAR	1812MA09
4.	ADRI BHATTACHARYA	1812MA04	10.	PANDAV KUMAR CHAUDHARY	1812MA11
5.	AKASHDEEP SINGH	1812MA05	11.	SHEETAL SINGH	1812MA13
6.	ARINDAM BASAK	1812MA06	12.	SHIVRAJ MEENA	1812MA14

M. Sc. in Mathematics, 2021

1.	AJITH J	1912MA01	10.	NAVEEN KUMAR MANDAL	1912MA10
2.	ANKITA YADAV	1912MA02	11.	NISHANT RANWAN	1912MA11
3.	BISHAL BISWAS	1912MA03	12.	PRIYA SIDDHARTH	1912MA13
4.	CHANDAN KUMAR	1912MA04	13.	RAJA RAMAN	1912MA14
5.	DOLAN SAMANTA	1912MA05	14.	SAMARTH UMRAO	1912MA16
6.	IVIN BABU	1912MA06	15.	SASWATA JANA	1912MA17
7.	KM DEEPANSHI SINGH	1912MA07	16.	SHIVANI SAIN	1912MA19
8.	KUNZANG TOPGYAL BHUTIA	1912MA08	17.	VIKAS KUMAR JAGRIYA	1912MA21
9.	MOUNDEKAR ROHIT RAJU	1912MA09	18.	VIKAS VAIBHAV	1912MA22

M. Sc. in Physics, 2020

1.	ABHIRUP NAYAK	1812PH01	5.	RAJESH KUMAR	1812PH08
2.	BHUPESH KUMAR SHARMA	1812PH04	6.	RAKESH KUMAR	1812PH09
3.	HARSHIT GAUTTAM	1812PH05	7.	SANTANU KANDAR	1812PH10
4.	RAHUL KUMAR	1812PH07	8.	SHERLIN P JAMES	1812PH11

M. Sc. in Physics, 2021

1.	ABDUL ALIM	1912PH01	10.	RITESH YADAV	1912PH16
2.	HOTU RAM	1912PH06	11.	SAURABH UPADHYAY	1912PH18
3.	MOULI MAZUMDAR	1912PH09	12.	SAURAV SACHIN	1912PH19
4.	PAWAN SINGH KUSHWAHA	1912PH10	13.	SHAILASH KUMAR VERMA	1912PH20
5.	PRAGATI VERMA	1912PH11	14.	SHIVAM SINGH	1912PH21
6.	PRATEEK KUMAR SINGH	1912PH12	15.	SHRUTI SARSWAT	1912PH23
7.	RAJAT AGGARWAL	1912PH13	16.	SRAMANA DAS	1912PH24
8.	RAJENDRA KUMAR MEENA	1912PH14	17.	TANIA MUKHERJEE	1912PH26
9.	RAVEENA GAMBHIR	1912PH15			

Graduating M. Tech. Students

M. Tech in Civil and Infrastructure Engineering, 2020

1.	ABHISHEK ANAND	1811CE01	5.	MAYANK CHAUDHARY	1811CE10
2.	AMIT KUMAR SINGH	1811CE03	6.	PRITI KUMARI	1811CE11
3.	DIVYA GROVER	1811CE07	7.	RAHUL RAJ SINGH	1811CE12
4.	KUMAR UPVAN	1811CE08	8.	SUNNY MISHRA	1811CE13

M. Tech in Computer Science & Engineering, 2020

1.	AJOY KUMAR BISWAS	1811CS01	9.	NIDHI THAKUR	1811CS11
2.	ANUPAM KUMAR	1811CS02	10.	RAJDEEP KUMAR	1811CS12
3.	APOORVA UPADHYAYA	1811CS03	11.	RAJEEV RAUSHAN	1811CS13
4.	AVINASH KUMAR SINGH	1811CS05	12.	RAM PRATAP GAUTAM	1811CS14
5.	CHANDRESH SHAMBHUBHAI KANANI	1811CS07	13.	RAMAN KUMAR	1811CS15
6.	MANISH KUMAR TIWARI	1811CS08	14.	SAYANTA PAUL	1811CS16
7.	MOHD SAAD SHAKIL	1811CS09	15.	SUSHIL KUMAR	1811CS17
8.	NARENDRA SINGH LODHI	1811CS10	16.	SHIVAM PORWAL	1611CS14

M. Tech in Communication System Engineering, 2020

1.	ABHISHEK KUMAR SINGH	1811EE01	7.	NILESH KUMAR	1811EE08
2.	AGHAM KUNAL NARENDRA	1811EE02	8.	RITESH KUMAR	1811EE09
3.	AMIT KUMAR PATHY	1811EE03	9.	SHUBHAM SAXENA	1811EE10
4.	DEEPTANU DATTA	1811EE05	10.	SNEHA KUMARI	1811EE11
5.	KEERTHI KUMAR S	1811EE06	11.	VIVEK S KUMAR	1811EE12
6.	MADHURI RAM	1811EE07	12.	WAGHMARE VISHAL KALYAN	1811EE13

M. Tech in VLSI & Embedded Systems, 2020

1.	AMIT KUMAR	1811EE14	5.	SOURABH SINGH	1811EE19
2.	ARADHANA KUMARI	1811EE16	6.	UDAY MAURYA	1811EE20
3.	JAGRITI	1811EE17	7.	UTPAL KANT	1811EE21
4.	MONIKA SINGH	1811EE18			

M. Tech in Mathematics and Computing, 2020

1.	ABHIJEET ANAND	1811MC01	7.	MANDEEP	1811MC07
2.	ANINDYA SUNDAR DAS	1811MC02	8.	NARENDRA KUMAR	1811MC08
3.	ARITRA PAL	1811MC03	9.	PRANATI BEHERA	1811MC10
4.	AVINASH KUMAR	1811MC04	10.	SANJAY MURMU	1811MC11
5.	DEBOJYOTI BHATTACHARYA	1811MC05	11.	SUMAN SHEKHAR	1811MC12
6.	KUNDAN SINGH	1811MC06	12.	SUSHEEL KUMAR MAURYA	1811MC13

M. Tech in Materials Science and Engineering, 2020

1.	DIPAK KUMAR SHUKLA	1811MS01	6.	RAHUL VERMA	1811MS06
2.	FAIQUE SHAKIL	1811MS02	7.	RAVI SHANKAR	1811MS07
3.	KOMAL SINGH	1811MS03	8.	SHIVANSH MISHRA	1811MS08
4.	MANOJ KUMAR DHAL	1811MS04	9.	SUMIT CHOUDHARY	1811MS09
5.	RAGHAV MUNDRA	1811MS05	10.	SUSHANT SHIV	1811MS10

M. Tech in Mechanical Engineering, 2020

1.	ASHWANI VERMA	1811ME01	6.	SABYA SACHI	1811ME09
2.	BAL KRISHNA RAJ VIJETA	1811ME02	7.	VIJAY KUMAR	1811ME10
3.	MANOJ	1811ME06	8.	VIVEK KUMAR	1811ME11
4.	MD OWAIS ALAM	1811ME07	9.	ANKIT JAISWAL	1611ME02
5.	RAJNISH MISHRA	1811ME08	10.	PARAG RATHEE	1611ME09

M. Tech in Mechatronics, 2020

1.	ABHISHEK KUMAR GUPTA	1811MT02	8.	LOVE KUMAR	1811MT10
2.	ABHISHEK SHARMA	1811MT03	9.	PAWAN KUMAR LULLA	1811MT12
3.	ADITYA SUDEEP RATNAPARKHI	1811MT04	10.	SAHIL SHARMA	1811MT14
4.	ALOK KAMAL	1811MT05	11.	TARUN KUMAR SINGH	1811MT15
5.	ANURAG KUMAR JHA	1811MT06	12.	BEERAJ KUMAR	1711MT06
6.	AYUSH RAI	1811MT08	13.	SUMAN KUMAR SINGH	1711MT13
7.	LOKESH KUMAR	1811MT09			

M. Tech in Nanoscience and Technology, 2020

1.	ADITYA DEY	1811NT01	7.	MUDDAM RAJA SEKHAR	1811NT07
2.	AKHIL K NAIR	1811NT02	8.	PUSHP RAJ	1811NT08
3.	AMARTYA MANDAL	1811NT03	9.	SAURABH KUMAR SHARMA	1811NT09
4.	ANKUSH KUMAR BHARTI	1811NT04	10.	TRISHA	1811NT11
5.	EKTA KUMARI	1811NT05	11.	VIVEK KUMAR VIHANGAM	1711NT10
6.	JAHARLAL PATI	1811NT06			

M. Tech in Civil Engineering, 2021

1.	BRAJESH KUMAR DUBEY	1911CE04	5.	NEERAJ KUMAR MAHESH	1911CE11
2.	CHIRAG VIKAS PEDE	1911CE06	6.	PRANAY SINGH	1911CE13
3.	DHANANJAY LAL KARNA	1911CE07	7.	VANDANA KUMARI	1911CE16
4.	MD ARSHAD	1911CE10			

M. Tech in Computer Science & Engineering, 2021

1.	AMIT KUMAR	1911CS01	9.	NEETI PRIYA	1911CS10
2.	AMIT SAHA	1911CS02	10.	PRERNA PREM	1911CS11
3.	ANKIT BHARGAVA	1911CS03	11.	SHANTANUJ SHARMA	1911CS12
4.	ANMOL SHUBHAM	1911CS04	12.	SHASHI KUMAR	1911CS13
5.	ARPAN MANNA	1911CS05	13.	VIVEK PATEL	1911CS14
6.	ASHWANI KUMAR	1911CS06	14.	MAINAK MAULIK	1711CS09
7.	DEBANSHU LALWANI	1911CS07	15.	SANDIP KISHORE	1711CS12
8.	KARANJIT SINGH GILL	1911CS09	16.	CHANDRASHEKHAR KUMAR	1811CS06

M. Tech in Communication System Engineering, 2021

1.	AJET VIKRAM MISHRA	1911EE01	7.	POONAM KUMARI	1911EE08
2.	HARSHA	1911EE03	8.	PRIYA KUMARI	1911EE09
3.	KOTA NIKHILESWAR	1911EE04	9.	SAKET KUMAR KARN	1911EE10
4.	KUMAR SAURAV	1911EE05	10.	SANJEEV KUMAR	1911EE11
5.	KUNCHAKARA ALEKHYA	1911EE06	11.	VIPUL KUMAR SINGH	1911EE13
6.	PALLAV KUMAR	1911EE07			

M. Tech in VLSI & Embedded Systems, 2021

1.	ABHIGYAN DEY	1911EE14	6.	RASHMI KUMARI	1911EE20
2.	EJAZ PARVEZ	1911EE15	7.	SHANI RANJAN	1911EE21
3.	NEHA KASHYAP	1911EE17	8.	SUBHAJIT BASAK	1911EE22
4.	PRERNA	1911EE18	9.	SWARNAPRAVA MOHANTY	1911EE23
5.	PUNYESH KUMAR JHA	1911EE19			

M. Tech in Mathematics and Computing, 2021

1.	ABHISHEK KUMAR	1911MC01	9.	NISHCHAL PRASAD	1911MC09
2.	ASEEM ARORA	1911MC02	10.	RAJAN SINGH	1911MC10
3.	AVINASH SINGH CHAUHAN	1911MC03	11.	RANU MAURYA	1911MC11
4.	BISHAL SHAW	1911MC04	12.	SANDEEP KUMAR	1911MC12
5.	DEEPAK SAROJ	1911MC05	13.	SHIKHAR SINGH LODHI	1911MC13
6.	HARSHIT AGGARWAL	1911MC06	14.	VIKAS RAI	1911MC14
7.	INDRESH KUMAR	1911MC07	15.	ABHISHEK DIXIT	1711MC01
8.	MOLKAM RAKESH	1911MC08			

M. Tech in Materials Science and Engineering, 2021

1.	AKASH KUMAR	1911MM02	8.	RAVI RANJAN	1911MM10
2.	BRIJESH BISHAL SAHOO	1911MM03	9.	RISHAV RAJ	1911MM11
3.	GEORGE VARGHESE P J	1911MM04	10.	SAURABH SHARMA	1911MM13
4.	NITISH KUMAR	1911MM06	11.	SHUBHAM KUMAR VISHWAKARMA	1911MM14
5.	PAPPU KUMAR	1911MM07	12.	SUBHADIP BHANDARI	1911MM15
6.	RAHUL KUMAR	1911MM08	13.	SURAJ KUMAR	1911MM16
7.	RAHUL SINGH	1911MM09			

M. Tech in Mechanical Engineering, 2021

1.	ANKIT SINGH	1911ME02	7.	OJAS PRAVIN RAHATE	1911ME12
2.	AVINASH UPADHYAY	1911ME04	8.	SHARMA VINAYKUMAR VISHWESHVAR	1911ME15
3.	DEEPAK KUMAR	1911ME05	9.	TONMOY SHARMA	1911ME17
4.	DEEPAK KUMAR GUPTA	1911ME06	10.	VIVEK KUMAR	1911ME18
5.	KUMAR KARTIK	1911ME07	11.	INDRAJEET KUMAR	1711ME12
6.	NAMAN KUMAR	1911ME10			

M. Tech in Mechatronics, 2021

1.	AISHWARYA ARCHIT PANDEY	1911MT02	7.	PEDAPUDI BHARATH RAJA BHOOPAL	1911MT08
2.	ARCHANA KUMARI	1911MT03	8.	PRAKASH KUMAR	1911MT09
3.	CHANDAN P U	1911MT04	9.	PRAMOD KUMAR MODI	1911MT10
4.	DAREKAR AKSHAY YUVRAJ	1911MT05	10.	RAHUL KUMAR	1911MT11
5.	FARAZ HAIDER	1911MT06	11.	SURAJ SINGH PATWAL	1911MT12
6.	JYOTI KUMARI	1911MT07	12.	ABHISHEK KUMAR	1911MT01

M. Tech by Research in Chemical and Biochemical Engineering, 2021

1.	PINTU KUMAR ROY	1913CB01

Graduating PhD Students

PhD, 2020

1.	PANKAJ KUMAR	1321ME04	28.	BHAMIDI LOKESHGUPTA	1621EE11
2.	CHANDAN KUMAR JHA	1521EE06	29.	KUNDAN KUMAR	1521MS05
3.	SUBHRADEEP PAL	1421EE01	30.	SAYANTAN MITRA	1521CS09
4.	SUMIT KUMAR	1321EE05	31.	NIBEDITA NANDAN	1521EE10
5.	SHWETA	1421CS09	32.	SUMIT RAJ	1521ME02
6.	AKASH AGARWAL	1521EE09	33.	JAISHREE MAYANK	1321CS01
7.	DURGA PRASAD GHOSH	1521ME11	34.	KUMAR GAURAV	1321HS01
8.	SADEQA GHAZAL	1321HS02	35.	KUMARI SWETA	1421CE01
9.	RAKESH PALISETTY	1421EE03	36.	ARIF CHOWDHURY	1621CH07
10.	RAKESH KUMAR SANODIYA	1621CS04	37.	MD. JUNAID AKHTAR	1321EE01
11.	DEEPAK KUMAR PRAJAPATI	1421ME06	38.	ASHWANI PRATAP	1521ME13
12.	MD. SHAD AKHTAR	1521CS01	39.	SHUJA AHMED	1421ME01
13.	SUSHMA SINGH	1221MA03	40.	SUMIT KR TETARVE	1221CS04
14.	DEBAJYOTY BANIK	1421CS05	41.	ARUN KUMAR	1621EE01
15.	ASIQ RAHMAN O.S.	1521MS06	42.	ROSHNI CHAKRABORTY	1521CS02
16.	AMIT KUMAR PANDA	1421EE02	43.	NAVEEN SAINI	1621CS12
17.	RABICHANDRA PANDEY	1421PH06	44.	DEBA PRASAD DASH	1521EE01
18.	SRISHTI	1521HS03	45.	ANUPAMA SINGH	1421HS03
19.	SINGH SWARNIMA PREMKUMAR	1521MS02	46.	DEEPTI GOLA	1621EE14
20.	MUKTA SHAW	1521CH02	47.	VINAY KUMAR TRIVEDI	1421EE07
21.	PINTU KUMAR	1421ME04	48.	JAYANTA BERA	1421PH07
22.	TUSHAR BAG	1621MA07	49.	SHIBSANKAR DAS	1521MA08
23.	DILSHAD AHMAD	1421ME14	50.	SUSHANT KUMAR	1521EE15
24.	SONAM KUMARI	1621CH02	51.	PALASH SARKAR	1521MA07
25.	RAHUL GUPTA	1521EE14	52.	DEEPAK KUMAR GUPTA	1621CS08
26.	ANUJA AKHOURI	1621HS05	53.	YOGESH JAISWAL	1521CH10
27.	ATUL KUMAR	1421PH05	54.	BIMAL DAS	1621ME14

PhD, 2021

1.	JITENDRA GUPTA	1421EE06	24.	SABYSACHI KAMILA	1621CS10
2.	PRATIK DUTTA	1621CS05	25.	DESIREDDY SHASHIDHAR REDDY	1621ME16
3.	NUSRAT BEGUM	1621HS13	26.	KULDEEP AWASTHI	1621ME17
4.	CHANDRAKANT	1621MA08	27.	ALOK KUMAR GUPTA	1621PH06
5.	SHAMSHER ALAM	1621HS08	28.	PRAVEEN KUMAR	1721PH05
6.	DEBASHIS BHOWMIK	1521MA02	29.	NIRBHAY KUMAR	1621ME18
7.	RAMJIT KUMAR	1221HS02	30.	ARINDAM GHOSH	1421MA03
8.	DEEPAK PUNETHA	1721EE02	31.	ANOOP KUMAR PANDAY	1521CH08
9.	LAGEN KUMAR PRADHAN	1521PH03	32.	VIKASH KUMAR RAI	1521CS07
10.	ANGSHUMAN DAS	1521CE03	33.	PRAMIT BISWAS	1521EE07
11.	SANDEEP KUMAR SHARMA	1621HS02	34.	NEELAM	1521EE12
12.	RINKU KUMAR GOUDA	1521ME07	35.	THAKUR PREM KUMAR	1521HS04
13.	ASHU GARG	1621ME01	36.	JAGANNATH PAL	1621CH01
14.	KHUSHWANT SINGH	1521CH06	37.	MD SHAHBAZ AKHTAR	1621EE05
15.	YASHWANT SINGH PATEL	1721CS05	38.	SHRIMAN NARAYANA	1621EE06
16.	NEMI CHANDRA RATHORE	1221CS05	39.	SUBHASISH SAHA	1621PH04
17.	AMULYA KUMAR MAHTO	1521MA09	40.	ANITA CHANDRA	1521CS04
18.	GOUR MOHAN DAS	1521PH02	41.	VIKAS SINGH CHAUHAN	1621PH02
19.	NIRAJ KUMAR	1521CS11	42.	BHEEMAIAH CHIKONDRA	1721EE10
20.	SMITA ROY	1121CS05	43.	RAKESH KUMAR SINHA	1621CB05
21.	SACHIN PATHAK	1621MA03	44.	HABIBUL ISLAM	1721MA02
22.	SANJIB KR BISWAS	1621HS07	45.	KM AKANKSHA DUBEY	1721PH03
23.	SANCHARI BHATTACHARJEE	1621CB01	46.	ALWYN MATHEW	1621CS22

# List of Committees for 8th Convocation IIT Patna

Dr. Jobin Jose, Professor In-charge Convocation 2021;
Dr. Rajendra N. Paramanik, Associate Professor In-charge Convocation 2021

SI. No.	Committee	Convener
1.	Technical	Dr. Joydeep Chandra
2.	Academic	Dr. Atul Thakur
3.	Personal Relation	Dr. Meghna Dutta
4.	Convocation Brochure	Dr. Smriti Singh

Convocation Brochure Committee

Dr. Smriti Singh, Dr. Sweta Sinha,
Dr. Meghna Dutta, Dr. Manas Kumar Sarangi and
Dr. Ranjit Laha
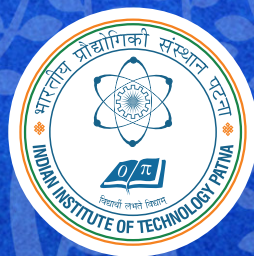
INDIAN INSTITUTE OF TECHNOLOGY PATNA
Bihta, Patna - 801106