INDIAN INSTITUTE OF TECHNOLOGY PATNA

6th Convocation
September13, 2018

Chief Guest

Padma Shri Shri Manas Bihari Verma
Former Director, Aeronautical Development Agency

Guest of Honour

Padma Shri Professor Manindra Agrawal
Professor of Computer Science and Deputy Director, IIT Kanpur

Padma Bhushan Shri Ajai Chowdhry   **Prof. Pushpak Bhattacharyya, FANE**

Chairman, Board of Governors   **Director**

6th CONVOCATION

PROGRAMME   **September 13, 2018**

- ❖ Chief Guest, Chairman, Director, Members of Board of Governors (BoGs) & Senate assemble for wearing convocation attire
- ❖ Academic Procession proceeds to the convocation venue
- ❖ Invocation with the National Song
- ❖ Chairman, BoGs declares the 6th Convocation open
- ❖ Director presents his report
- ❖ Director awards degree to the students
- ❖ Registrar announces the name of the Institute medal winners
- ❖ The Chief Guest presents the President of India Gold Medal, Director's Gold Medal & Institute Silver Medals
- ❖ Pledge by the degree recipients
- ❖ Address by the Chairman, BoGs
- ❖ Chairman, BoGs requests the Chief Guest to deliver his convocation address
- ❖ Chairman, BoGs presents memento to the Chief Guest
- ❖ Director presents memento to the Chairman, BoGs
- ❖ Director proposes a vote of thanks
- ❖ Chairman, BoGs declares the 6th Convocation closed
- ❖ National Anthem
- ❖ Academic Procession returns

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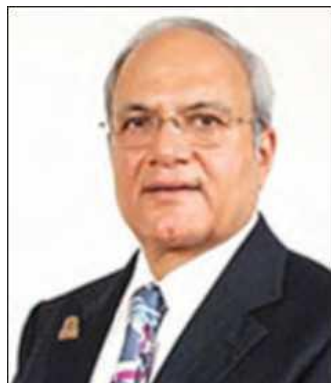## Padma Shri Professor Manindra Agrawal
Professor of Computer Science and Deputy Director, IIT Kanpur

WELCOME ADDRESS
PADMA BHUSHAN SHRI AJAI CHOWDHRY
Founder - HCL
Chairman Board of Governors, IIT Patna

Padma Shri Shri Manas Bihari Verma, former Programme director and Director, Aeronautical Development Agency, Padma Shri Professor Manindra Agrawal, Professor of Computer Science and Deputy Director, IIT Kanpur, Professor Pushpak Bhattacharyya, Distinguished Members of the Board of Governors of IIT Patna, Members of the Academic Senate of IIT Patna, Members of the Faculty and Staff of IIT Patna, degree recipients, ladies and gentlemen!
Warm greetings to all of you!

We are here to celebrate the sixth convocation of IIT Patna. This convocation is special since 2018 is the decennial year of IIT Patna. Convocation or Dikshaant Samaroh marks the culmination of an academic Programme. You are entering a new world of challenges and opportunities. With your skill and education, you can make a huge difference in the world around you. This great nation has a lot of expectations from you. I am sure that you will fulfill those taking into account the social responsibilities that the society is expecting of you. I am glad to inform that in this convocation, IIT Patna is delivering its share of technocrats, entrepreneurs, and leaders for contemporary and future India. I am extremely happy that Padma Shri Shri Manas Bihari Vermais here with us, one of the persons behind 'Tejas'- India's Light Combat Aircraft. Hailing from Darbhanga in Bihar, Shri Verma graduated in Mechanical Engineering from Patna University and did his Masters from Calcutta University in 1969. He started his career at DRDO in 1970 and from 1973 to 1986, he held various assignments at DRDO headquarters. He believes in hard work and has proved this through his persistent commitment and sincerity. You will all find a role model for yourself in Shri Verma. I have great pleasure in welcoming you, for the sixth convocation of IIT Patna.

We also have amidst us one more distinguished academician - Padma Shri Professor Manindra Agrawal known for creating the algorithm- AKS Primality Test. I also extend a warm welcome to all those who have accepted our invitation and especially to the parents and the young students graduating today. Let me take this opportunity to extend my heartiest congratulations to the graduates of the seventh batch of IITians from Patna in 2018. In three years of its shifting to the permanent campus, IIT Patna is taking small but sure steps towards academic growth. Apart from academic pursuits, the faculty and students are engaged in helping the rural community at Bihta through various Programmes like Adhyayan. With the passage of time, IIT Patna's social responsibility will increase manifold. I expect the IIT Patna community to shoulder the task efficiently.

It is to be remembered that we are in the land of Mahavir and Gautam Buddha; it is the land of a great teacher of all times – Chanakya; it is the land of great emperor Ashoka; this land has housed Nalanda Vidhyapith. With the heritage of all the above, in all honesty, I can assure you that this institute will reach much greater heights in the days to come. Two upcoming centres: Centre for Endangered Language Studies and Centre for Earthquake Engineering Research are a testimony to the potential of IIT Patna.

IITs are perceived as the fountainhead of knowledge in India. Knowledge is worthy only if it is useful for the common man and that happens when knowledge leads to innovations that solve the problems of the common man. There is an inextricable relationship between innovation and entrepreneurship. I firmly believe that a wise amalgamation of entrepreneurship and technology education is the only way for the promotion of innovation. IIT Patna has made a breakthrough in this direction by setting up an incubation centre for generating innovations in the field of electronic System Design and Manufacturing. IIT Patna has been running undergraduate level courses on entrepreneurship and innovation which I believe will certainly bring out a number of entrepreneurs from amongst the graduating batch.

On this reverent occasion of the sixth convocation of the institute, I convey my best wishes to the students, who would become technocrats, researchers, entrepreneurs, academicians in future.
I convey my best wishes to all the other students, faculty and staff members of IIT Patna for their relentless efforts and, once again-Congratulations to all the graduates of the sixth convocation of IIT Patna.
Wish you a bright future!

Convocation Address
Chief Guest: Padma Shri Shri Manas Bihari Verma

Padma Shri Prof. Manindra Agrawal, Chairman Board of Governors IIT Patna, Padma Bhushan Shri Ajai Chowdhry, Director IIT Patna Prof. Pushpak Bhattacharyya, members of the Board, members of the Senate, distinguished guests, members of faculty and staff, members from electronic and print media and most importantly graduating students, their parents and guardians. It is indeed a pleasant and privileged occasion for me to join you for the sixth Convocation of the Indian Institute of Technology (IIT) Patna, which is in its decennial year since its inception. The institute should take pride on crossing yet another significant milestone of its achievements.

I congratulate the administration and the dedicated faculty whose undivided attention and profound dedication towards nurturing this institute has been crucial for the academic Programmes to flourish. Engineers, technologists and scientists play a pivotal role in the growth of a nation. Since their inception in the late 1950s, the IIT system has contributed immensely to the growth of our nation by producing world class technologists and eminent professional leaders and thinkers, encompassing almost every field of human activities. On this day I am glad to see IIT Patna keeping up with the high standards of IIT tradition.

Convocation is an important milestone in the life of a student. It is a privileged responsibility to address young mind like yours on this occasion, eager to explore, expand and establish new frontiers of knowledge. This day authorizes a graduating student to start a new journey which would test her/his vitality, commitment and upward mobility. I congratulate all graduating students of IIT Patna on this auspicious day.

I am happy to note that IIT Patna has paid considerable emphasis on research and development activities. Over the past ten years, excellent infrastructure facilities for research activities have been established. This indeed reflects in the quality and quantity of publications from your institute. Visitors from around the world come to IIT Patna and spend their valuable time interacting with its Faculty members and students. A number of national and international conferences and workshops are already being organized at IIT Patna. I am sure you will expand and succeed by leaps and bounds in this direction. Success is about vision. It is about imagination. It is about building inclusion and sensitivity towards the world around us. It is about creating extra- ordinary success from ordinary lives. One should not only be a job seeker but also a job creator. It is perhaps a kind of commitment to oneself, to one's abilities, to one's persistence and of course to one's performance. In times to come, strive to be the models for other to follow.

Friends, our past has been very glorious with ancient universities like Nalanda, Odantapuri, Somapura, Takshashila, Valabhi, and Vikramashila dominating the world for about eighteen hundred years. India had the privilege to send Gautam Sidhartha (QutamXida in Chinese) from Nalanda University to China in the 8th Century AD, who became the First President of the official Board of Astronomy in China. With the collapse of Nalanda University in the 13th Century AD, this edge was lost. Our efforts must be focused now towards taking Indian Universities back into the top-league. Innovation is an important impulse for growth and has already been

recognized as the currency of future. We must encourage the culture of innovation and industry-academia collaborative research. Institutions like IITs must act as breeding grounds for innovation and innovation led excellence. My best wishes are with IIT Patna for all such future endeavors.

The need of the hour is to make quality education accessible and inclusive. The journey towards excellence should be holistic with proper planning and motivation and the conviction to take our nation to greater heights by all fair means. The unique geographical location of your institute in the state capital of Bihar provides you with   an opportunity to connect with the problems faced in pursuing the trajectory of phenomenal growth Bihar is anticipated to undergo in the coming decades. I am glad to know that IIT Patna has already started putting its efforts in this direction. I would like to urge you to apply your engineering skills towards contributing positively to the society by taking up projects which will help people of the region find innovative ways of running their farms, businesses and lives. It is gratifying to learn that IITs are planning to setup Centre for Rural Development and Technology (CRDT), where benefits of development in science and technology would be brought to the rural population. This will help in realizing the concept of PURA, i.e Providing Urban facilities in Rural Areas, mooted by late Dr. APJ Abdul Kalam, former President of India. I am confident of your institute becoming a source of inspiration for highly trained engineers and entrepreneurs and a vehicle for socio-economic progress in this region as well as in the country.

India is currently metamorphosing into a future superpower because of visionaries like you. This is a tedious but a very rewarding process also a bit challenging because of the inherent complexity of the diverse Indian society. One needs to be watchful and sensitive to the minutest of changes and steer the nation towards ultimate glory. We all accept the crucial role that education plays in the development of a nation. It acts as a catalyst for the progress of a country. The new IITs, therefore, have multitude of opportunities in contributing to nation building and I am sure IIT Patna has already started to contribute its bit.

 Innovation in science and technology can lead to the development of new products and processes which could act as catalysts for growth. Many underdeveloped countries have emerged as stronger economies in a short span of time on account of these. Innovation provides a competitive edge to business, and presents solution for effective governance. Facilities of Internet, mobile telephony, e-banking, e-medicine and   education have brought about a sea change in the societies around the world. Concerted efforts by policy makers throughout the world are being put at encouraging innovation. I am sure; IITs will contribute significantly in this direction in our country.

Dear students, alumni have an important role in the growth of leading universities across the world. They have indeed played a proactive role in the growth and development of top universities in the US like MIT and Harvard. I hope that the students of IIT Patna who are graduating out of this Institute today will associate with their Alma Mater and contribute to its development in a meaningful and significant way in future.

Once again, I congratulate the students who have earned their degrees today. I am sure your institute is proud of you and so are your family members on this auspicious day of your life. IITs are world renowned for producing world-class engineers and technologists. The fact that you have successfully fulfilled the rigorous course curriculum of IIT ratifies that you are among the brightest young minds of our country. You must meet the expectations of your teachers and family

members by using your intellectual wealth for the advancement of our country. I am confident that education imparted by IIT Patna has transformed you not only into a skilled engineer but also into a responsible humble human being who is full of values. To borrow Gandhiji's words: There is enough in this world for everyone's need, but not enough for everyone's greed.

As you step into your most creative years, it is very important for you to channelize your aspirations, energy and enthusiasm to address the challenges our nation is facing. On this day, I urge you to play a proactive role in nation building. I would like to end with a powerful *shloka* from Sanskrit:

Naabhishekonasanskaarahasinghasyakriyate vane

Vikramaarjitaraajyasyaswayamevanarendrataa

There is no official coronation to declare the king of jungle. It becomes the king by its attributes and heroic actions. Similarly, a person can achieve a position above others with her/his virtues and efforts. I call upon you to excel in your endeavors and make India proud by giving it a new direction. I am once again hopeful that with a degree from IIT, you are sure to alter the course of history. Thank you and

Jai Hind.

Director's Report

Padma Shri Shri Manas Bihari Verma and Padma Shri Dr. Manindra Agarwal, Chairman of the Board of Governors of IIT Patna – Padmabhushan Shri Ajai Chowdhry, 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 6th Convocation of Indian Institute of Technology Patna. In a recently released "India Rankings 2018 by NIRF MHRD", IIT PATNA is positioned 24th among engineering institution of the country. You are privileged because you have received your higher education at this Institute of National Importance.

Before I highlight the activities of this institute, it is a pleasure to welcome our Chief Guest, Padma Shri Shri Manas Bihari Verma. Shri Verma has been deeply involved in LCA project definition, has evolved the architecture and specification for all Mechanical Systems of the Light Combat Aircraft incorporating latest technologies. Under his leadership, the requirements of the Full Scale Engineering Development (FSED) – Phase – I activities were achieved with 202 flight test sorties with three aircrafts. Critical technologies like Digital Fly-by-Wire system, glass cockpit, all composite wings, carbon-carbon brake discs and a host of indigenously developed technologies were demonstrated. He initiated action for Limited Series Production of Tejas. He was the recipient of the Indigenisation of Aeronautical Equipment Award by Aeronautical Society of India in 1998, Scientist of the Year in 2001 and Technology Leadership Award by DRDO in 2004. He has also been conferred Padma Shri, the fourth highest civilian honors given by the GoI in 2018.

I extend a hearty welcome to our Guest of Honour, Padma Shri Prof. Manindra Agrawal. He is a professor at the Department of Computer Science and Engineering and the Deputy Director at the Indian Institute of Technology, Kanpur. He co-created the AKS primality test with two of his co-authors, for which they had won the 2006 Fulkerson Prize, and the 2006 Gödel Prize. His work was to test an n-digit number for primality in a time that has been proven to be polynomial in *n*. He was also the recipient of the first Infosys Prize for Mathematics and the Shanti Swarup Bhatnagar Award in Mathematical Sciences in 2003. He was awarded the Padma Shri in 2013.

It is my honour and pleasure to welcome these luminaries to our institute.

ACADEMICS
Academic Schools

Currently, 783 B.Tech students, 164 M. Tech, 48 M.Sc. students and 387 Ph.D students are enrolled in various departments of IIT Patna. The institute has signed agreement for implementation of National Academic Depository (NAD), which is in pilot mode at present. Through SWAYAM teaching platform, GIAN courses and National Knowledge Network (NKN),

the institute has been promoting digital learning.

Academic Programmes

IIT Patna offers four year B.Tech Programmes in Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering and Mechanical Engineering. M. Tech Programmes are offered in the following areas: (1) Civil and Infrastructure Engineering, (2) Computer Science and Engineering, (3) Mathematics and Computing, (4) Communication System Engineering, (5) Mechatronics, (6) Mechanical Engineering, (7) Materials Science and Engineering, (8) Nanoscience and Technology and (9) VLSI & Embedded Systems. M.Sc. Programmes are offered by the Departments of Physics, Chemistry and Mathematics. It may be noted that in this sixth convocation, for the first time degree will be awarded to the M.Sc. students. Ph.D. programme is offered by all the ten departments of the institute.

Laboratory Development

We have set up state-of-the art infrastructural facilities at our institute including Nuclear Magnetic Resonance spectrometer, X- ray diffraction machine, Single crystal XRD, Field Emission Scanning Electron Microscope, atomic Force Microscope, Raman Spectrometer, and Computer Integrated Manufacturing Machine to name a few.

IIT Patna has set up Sophisticated Analytical Instrumentation Facility (SAIF) within its permanent campus in January 2016, with the assistance of the Department of Science and Technology, Government of India. SAIF IIT Patna recently organized a national workshop on Theory and Applications of Single Crystal XRD during March 21-23, 2018. Research scholars and staff of various institutes/universities from different parts of the country participated in this workshop.

Library

The Central Library, IIT Patna has a collection of more than 19,000 books till date and subscription of various online journals of almost all major publishers. Central Library has been proactively organizing user awareness Programmes for various e-resources such as Web of Science, SciFinder, Ebrary, IEEE, Taylor & Francis, SCOPUS etc.

Research – Publications and Projects

IIT Patna faculty have published over 342 research papers and participated in almost 320 conferences over the last one year. More than 210 papers are published in Scopus listed journals. From 2016 we have started the practice of organizing a faculty colloquium on the Nobel prize winners for Literature, Peace, Chemistry, Economics, Medicine and Physics.

Since the time of its inception in 2008, IIT Patna has been engaged in a total of approximately 269 Projects (Sponsored, Consultancy, Conference, Workshop, Symposium, Short term courses etc.) sanctioned amount worth more than INR 200 Crores sponsored by various Govt. agencies like MeitY, ISRO, SERB (DST), CSIR, TIFAC, MHRD, and Industries like Elsevier, Accenture, DENKA, MRF, Tata Steel etc. among others. In the year 2017-18, 44 new projects worth more than Rs 7.20 Crore have been sanctioned, along with 13 consultancy projects worth Rs 0.74 Crore. In 2017-18, a total of 06 workshops and conferences have been organized by various departments

of the institute. In line with research activities, a total of 14 patents were obtained by faculty members from various departments of IIT Patna.

Impacting Research Innovation and Technology (IMPRINT) is an MHRD supported Pan- IIT and IISc joint initiative to address the major science and engineering challenges that India must address. IIT Patna is handling two projects worth Rs. 375 Lakhs and Rs. 273 Lakhs in areas of Cross-Lingual and Multi- Lingual Event Monitoring in Indian Languages and Micro Power Grids, respectively. IIT Patna has received generous grant of INR 2.77 Crore as part of Uchchatar Avishkar Yojna (with industry participation) for the projects titled "Development of novel SMA bearing support and retrofit for enhanced performances and durability of rotating machinery" and "Design and Development of an Agricultural Waste Based Gasified Heating System for Green CHILL". Under the Swacchta Action Plan out of the 10 projects sanctioned by Government of India in2017-18 one has been sanctioned to IIT Patna- Development of Low Cost, Efficient Mechanism for Collection of Garbage and Dirt for Municipal corporations and Panchayats.

Some of the notable research centres or research facilities include Incubation Centre on Electronic System Design and Manufacturing (ESDM), Technology Business Incubator, 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.

Conferences and Workshops

This academic year saw 13 GIAN courses being conducted at IIT Patna. A sample of multifarious other symposia and workshops are on (i) Earthquake Resistant Design Based on Recently Revised Seismic Codes, (ii) Sobolev Space, (iii) Modelling approaches for coupled multi-physics engineering problems, (iv) Mathematical Framework of Sequence Design for Wireless Communication Systems, (v) Rotor Dynamics etc. Instructional School for Teachers sponsored by National Board of Higher Mathematics was organized by Department of Mathematics. The workshop on "Revitalizing School Physics Education through Concept orientation Teaching" titled RESPECT was organized by the Department of Physics at IIT Patna from April 06 – 09, 2018.

The Department of Humanities and Social Sciences and the Department of Computer Science and Engineering organized ICOLSI – 39 in collaboration with the Central Institute of Indian Languages, Mysore and the Linguistic Society of India from December 8-11, 2017.

Incubation Centre IIT Patna

Two products were launched in the market by the companies incubated at IC in the last year and a few more products are getting ready to enter the market in 2017-18 financial year. Bionic Hope, the first company to be incubated at IC, is working on active upper limb prosthesis with a sense of touch. The company has secured additional funding of 43.40 lakhs for prototyping from BIRAC

under IIPME scheme. Priyanka Kumari, one of the co-founders and an alumnus of IIT Patna was selected among Top 15 Women in Entrepreneurial Research by Tie Delhi & BIRAC. The other companies supported as on the end of FY 17-18 are 4MirrorTech Innovative, Electro Curietech, Dentedge HealthCare, Felicity Innovation, Atlamedico Tech solutions, Witility Automation, Sivpinak Systems, Amrenjeet Surenjeet Consultancy, TechproLabz, Avronica Solutions and a team from IIT Patna working on LiS batteries.

IC is collaborating with other incubators in Patna and other cities to develop the entrepreneurial ecosystem and is a member of Indian Step and Business Incubators Association (ISBA). IC along with E-club of IIT Patna has organized a half day workshop on commercialization of technology innovation at IIT Patna in Sept 2017. It also conducted a national level Medtech Hackathon and Startup Conclave in Dec 2017 along with Nexus-IITP 2017 which also received good media coverage.

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.IIT Patna students are involved in various types of cultural activities round the year. Last year IIT Patna participated in Rendezvous at IIT Delhi and Inter IIT Cult Meet at IIT Kanpur. The other notable cultural events at the institute are: Kavyaraagam, Natyarangam, Sanskriti Diwas, Saadhna Diwas, National Unity Week and the monthly events under the banner of Ek Bharat Shreshtha Bharat.

Sports facilities are continually being developed for outdoor games like cricket, football, basketball, volleyball, lawn tennis and indoor games including table tennis, badminton, chess, carom, and a proper multi-gymnasium facility. IIT Patna students team participated in Udghosh Sports Meet-2017 held at IIT Kanpur. Ashish Kumar secured 4th position in Javelin throw. IIT Patna boys Football team won gold medal at AIIMS Patna fest -2017. Ashish Kumar qualified for semifinal event in the 400-meter race in the Inter IIT meet 2018 at IIT Madras. IIT Patna boys' volleyball team won silver medals during the BIT Patna fest-2018. Anurag Meena won the player of the tournament award. The IIT Patna sports council organized Intra-IIT sports competition for various games.

To hone the talents of the students and inculcate values of discipline and team work, the Sports Cell at IIT Patna has started the National Sports Organization (NSO) Programme where students of B.Tech. First Year get the opportunity to play games. 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 Government of India like Swacch Bharat Abhiyan and Sarv Siksha Abhiyan. 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.

Outreach and Industry Academia Relation

To increase IIT Patna's global outreach, IR Cell has been set up. Recently we have signed MoU with Education council of India, nominated by the Ministry of HRD for the execution of Study in India Programme to have a rapid increase in the number of inbound overseas students at IIT Patna.IIT Patna has also signed up a Letter of Intent (LOI) / MoU with Dublin City University (DCU), University of Denver, TUSUR University Russia and InnopolisUniversity.IIT Patna has attended the 2nd meeting of Russia-India Network (RIN) of Universities to make probable collaboration with Russian Universities. We have also initiated the registration process with Indian Council of Cultural Relations (ICCR) so that IITP can extend all facilities to accommodate international students in the campus for various postgraduate and research Programmes through ICCR.

Representatives of IIT Patna and other IIT's had also visited top universities of Bangladesh such as Dhaka University, Bangladesh University of Engineering and Technology (BUET), Khulna University of Engineering and Technology (KUET), IUBAT, Shahjalal University of Science and Technology (SUST) and similarly top universities of Nepal and Srilanka to attract students from neighboring countries to pursue their M.Tech or PhD degrees from second and third generation IIT's including IITP. A good number of students from IIT Patna have got internships in foreign universities including TUSUR University Russia, Nanyang Technological University of Singapore, SUTD Singapore, Stanford University and University of Tokyo etc. Director visited the Bay Area Dec 2017 giving talks at top industries like, Apple, NVIDIA, Accenture etc. and top Universities like Stanford and discussing collaborations. He also met many startups to explore the possibility of connecting them with IIT Patna.

Industry Academia Meet: Nexus IITP 2017 Programme was organized to create a platform for seamless transfer of knowledge and experience between Industry and academia by creating a network. Dr. Prabhat Ranjan, Executive Director, TIFAC, DST India, was the Chief Guest of the programme. Mr. Ravindra Prasad, Director, Department of Industries, Govt. of Bihar was the Guest of Honor. Several other dignitaries for different fields from organizations like AIIMS Delhi, Lousiana State University, TCS Research, GE Aviation etc. joined this programme.

Ranking

IIT Patna has been ranked 108th in QS BRICS University Rankings 2018. The QS BRICS University Rankings 2018 feature 300 top universities from Brazil, Russia, India, China and South Africa. The BRICS ranking is compiled using eight different indicators, including the ratio of

faculty to students, the proportion of academic staff with a PhD and the institution's reputation among academics and employers etc. In NIRF ranking provided by MHRD, Govt. of India, IIT Patna stands at the 24th position in engineering category and 69th in overall category. NIRF ranks Indian institutes on different parameters such as teaching, learning and resources (TLR), research and professional practice (RP) graduation outcome (GO), outreach and inclusivity (OI) and perception (PR).

Training and Placement

Placement process has set a new benchmark by attracting more than 80 numbers of recruiters this year. This year, IITP has placed 88 % of its B.Tech (2014-18) and 60% of the M.Tech (2016-18) students with 180 offers; possibly a hint that we are moving in the right direction. Highest offers came from Google as PPO (Pre Placement Offer) and Adobe, followed by D.E. Shaw and Amazon. Our Ph.D. students are being recruited as faculty members in reputed national institutes and companies. Students are regularly going to highly visible industrial and academic organizations for internships. This year onward, Training and Placement Cell is taking significant initiatives to conduct various training sessions, industry interactions, workshops and career guidance sessions for our students, in addition to the usual corporate pre-placement talks.

Continuing Education Programme

IIT Patna has set up the Continuing Education Programme (CEP) cell. CEP of IIT Patna is dedicated to assist working professionals in widening their knowledge base and improving their skills. CEP also focuses on improving the teaching, research and management skills of faculty in various technical institutions across the country. CEP of IIT Patna is also offering CEP courses and mentorship to the two institutions of Bihar under TEQIP-III Programme.

TEQIP III

The third phase of Technical Education Quality Improvement Programme (TEQIP-III), which is for improving the quality of Engineering Education in existing institutions, has been launched by National Project Implementation Unit (NPIU). Indian Institute of Technology Patna has been selected to participate in TEQIP-III Programme for providing mentorship to LokNayak Jay Prakash Institute of Technology, Chapra and Darbhanga College of Engineering, Darbhanga. A fund of Rs. 3.0 Crore has allocated to IIT Patna for mentoring these two institutions.

LAURELS AND DISTINCTIONS OF IIT PATNA FACULTY MEMBERS AND STUDENTS

Faculty members have brought laurels to IIT Patna. Prof. Pushpak Bhattacharyya, Director, IIT Patna has been appointed as a Chairman of the Committee for Standardization in Artificial Intelligence, set up by Bureau of Indian Standards under Ministry of Consumer Affairs. Prof.

Bhattacharyya's contribution has also been recognized by his alma mater IIT Kharagpur where he received the Distinguished Alumnus Award for the year 2018.There are 12 Bharat Vikas awardees this year from IIT Patna. Research on Computational Sarcasm by Prof. Pushpak Bhattacharyya and team has been reported in The Times, London Edition. Dr. Sweta Sinha won the Best Presentation award in International Conference of Linguistics and Phonology (ICLP) held in Bangkok, Thailand. Dr. Amarnath Hegde has been selected for the prestigious "IEI YOUNG ENGINEERS AWARD 2017-2018" in Civil Engineering discipline. Dr. Sriparna Saha has been awarded SERB WOMEN IN EXCELLENCE AWARD 2018, granted Indo-U.S. Fellowship for Women in STEMM (WISTEMM) Women Overseas Fellowship 2018 and awarded SERB EARLY CAREER RESEARCH AWARD 2018. Dr. Rishi Raj has been selected Young Associate of Indian Academy of Science. This programme was initiated by the Academy in 1983 to identify and encourage promising young scientists.

Like the faculty, the students of IIT Patna too have made their mark in academics. Work of Mr. Mahipal, M.Tech student and Mr. Hasan Ahmed Faisal, a former B.Tech student of IIT Patna on 'Cerium impregnated activated carbon' has been selected for Gandhian Young Technological Innovation (GYTI) award/appreciation 2018. The work was carried out under the guidance of Dr. Trishikhi Raychoudhury. Three IIT-Patna students, namely Bhavit Sharma (third-year student of Computer Science and Engineering), Prateek Karnal (second-year student of CSE) and Shaurya Gupta (second-year student of Electrical Engineering), have made it to the world finals of the Association for Computing Machinery (ACM) International Collegiate Programing Contest (ICPC). Mr. Nilotpal Chakraborty, research scholar in the department of Computer Science and Engineering has been selected for Richard E. Merwin Student Scholarship in recognition of his exemplary involvement in student chapter activities, excellent academic achievement, and his willingness to act as a student ambassador. Binayak Krishna Swami (M Tech Mechatronics), Laxman Prabhakar (Btech-CS), Dhanachandra Ningthoujam (MTech-CS), & Rakesh Kumar Sanodiya (PhD-CS) won the First Prize in Intel Higher Education Challenge on Cyber Physical Systems. Dr. Siddharth Suman, Dr. Kaleem Khan and Dr. Manabendra Pathak got the best paper award in the 5th International Conference on Energy Engineering and Environmental Engineering held in China. Nirbhay Kumar (Student), Md. Qaisar Raza (Student), Dr. D. Seth(Chemistry), Dr. Rishi Raj(Mechanical Engineering)received the best poster presentation award for "Pool Boiling with Aqueous Ionic Liquid Solution" in the 10th International Conference on Boiling and Condensation Heat Transfer (ICBCHT2018) held in Nagasaki, Japan. Best Oral Presentation award was given to Mr. Jayanta Bera and Utpal Roy on "Modulated Frequency Generation in Bose-Einstein Condensate in a Perturbed Optical Lattice Trap", at the "125th Birth Anniversary Celebration of Prof. S N Bose.

Infrastructure Development
Last but not the least, I wish to highlight the development on the campus in terms of the infrastructure. Construction work of Second Part of First Phase is in progress with value of approximately Rs. 90 Crore and following are being built during the current financial year:

a) Boys Hostel for 450 students including mess
b) Gymkhana
c) C type Quarters, 56 units in two towers.

Following construction works of about Rs 450 Crore have been entrusted to CPWD:
a) Central Lecture Hall: 1 Building
b) Additional Workshops
c) Additional Academic Building
d) Guest House
e) Auditorium
f) Library
g) Residential Quarters
h) Hostels (Boys Hostels for 950 students and Girls Hostel for 216 students)
i) Married Scholars' Accommodation in one tower
j) Students activity centre
k) Sports facility and Services like local storm water drainage, water supply, sewer line, street light, and external electrification.

Efforts are being made to complete the above infrastructure by 2019.

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 Human Resource and Development, Government of India and Government of Bihar for their continued support and faith in us. I would like to thank Shri Ajai Chowdhary and 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 2018. Make sure you fulfill the responsibilities bestowed on you, make sure you contribute to the nation, and make sure the world keep on chanting

विश्वकामुकुटमणिआईआईटीपटना

सदातत्परसदाजाग्रतपीछेनाजानेहटना।|

"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

Board of Governors

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Mr. Ajai Chowdhry   Founder, HCL

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Prof. Ajay Chakrabarty   Former Director, BIT Meshra

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Dr. Preetam Kumar   Associate Professor, Dept. of Electrical Engineering, IIT Patna

Mr. VishwaRanjan   Registrar, Indian Institute of Technology Patna

Associate Deans

Academics	Dr. Sanjoy Kumar Parida
Administration	Dr. Ranganathan Subramanian
Faculty Affairs	Dr. Ashish Kumar Upadhyay
Research & Development	Dr. Asif Ekbal
Students	Dr. Akhilendra Singh
Resource	Dr. ProbirSaha

Head of the Departments

Department of Chemistry	Dr. Neeladri Das
Department of Chemical and Biochemical Engineering	Dr. Sandip Khan
Materials Science and Engineering	Dr. Anup Kumar Keshri
Department of Computer Science and Engineering	Dr. Jimson Mathew
Department of Electrical Engineering	Dr. Ranjan Kumar Behera
Department of Humanities & Social Sciences	Dr. Smriti Singh
Department of Mathematics	Dr. Yogesh Mani Tripathy
Department of Mechanical Engineering	Dr. Manabendra Pathak
Department of Civil Engineering	Dr. SubrataHait
Department of Physics	Dr. Utpal Roy

MEDALS AND PRIZES (B. Tech. 2014-18)
INSTITUTE GOLD MEDAL

PRESIDENT OF INDIA GOLD MEDAL

This gold medal is to be awarded to the outgoing B. Tech. student of 2014 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.

JATIN KALRA (1401ME19)
Mechanical Engineering

INSTITUTE SILVER MEDAL

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 2014 batch in each of the B.Tech. courses.

**NAMAN AGARWAL
(1401CS28)
Computer Science and
Engineering**

**DURGESH KUMAR
(1401EE15)
Electrical Engineering**

**JATIN KALRA
(1401ME19)
Mechanical Engineering**

**S PRANAV
(1401CE20)
Civil Engineering**

**AKSHAY SUKUMAR AJAGEKAR
(1401CH01)
Chemical Science and Technology**

INSTITUTE PROFICIENCY PRIZES

The Institute will award one prize of Rs. 5000 to be called as "Proficiency in Project Work Prize" for the best project works in each of the B.Tech. courses.

ABHISHEK KUMAR (1401CS51)
Computer Science and Engineering

RAKESH KUMAR BIJARNIYA(1401EE30)
Electrical Engineering

S VIJAY ANAND(1401ME35)
Mechanical Engineering

SARTHAK RASTOGI (1401ME37)
Mechanical Engineering

S. PRANAV (**1401CE20**)
Civil Engineering

MAYANK TIWARI(**1401CH12**)
Chemical Science and Technology

Shri KedarNath Das Memorial Award

The Institute will award one prize of Rs. 10000 to be called as "KedarNath Das Memorial Award" for outstanding all round performance, excellent organizational abilities and leadership qualities in Department of Computer Science and Engineering.

NAMAN AGARWAL (1401CS28)
Computer Science and Engineering

Graduating B. Tech. Students 2018

Department of Chemical Science & Technology

Sl no.	Name	Roll number	Sl. no.	Name	Roll number
1.	AKSHAY SUKUMAR AJAGEKAR	1401CH01	10.	MADDU AAKASH SASTRI	1401CH11
2.	AMIT KUMAR	1401CH02	11.	MAYANK TIWARI	1401CH12
3.	ANKIT CHAHAL	1401CH03	12.	NIDHI GARG	1401CH15
4.	APOORVA SHRIVASTAVA	1401CH04	13.	PRANJALI SHARMA	1401CH16
5.	BHAGYASHRI VERMA	1401CH05	14.	PULAGAM SAI TEJA	1401CH17
6.	CHARU MEENA	1401CH06	15.	SAURABH KUMAR	1401CH20
7.	DARAPU THARAKESWARA REDDY	1401CH07	16.	SHIVAM KUMAR SUTRAKAR	1401CH22
8.	DEEKSHA VERMA	1401CH08	17.	UTKARSH SINGH	1401CH24
9.	LAKHAN AGGRAWAL	1401CH10	18.	VISHVESH NARAIN RAI	1401CH25

Department of Civil and Environmental Engineering

Sl no.	Name	Roll number	Sl. no.	Name	Roll number
1.	ABHINAV KUMAR	1401CE02	10.	GESU INDIA	1401CE13
2.	ABHISHEK MISHRA	1401CE03	11.	KANHAIYA KUMAR MANDAL	1401CE14
3.	ABHISHEK SOURABH	1401CE04	12.	NANNAPANENI SRIMAAN	1401CE15
4.	AKSHAY PATNI	1401CE05	13.	SHUBHASH INDRABHAN PATEL	1401CE17
5.	AMIT PRATAP SINGH RAJAWAT	1401CE06	14.	PRATYAY AMRIT	1401CE18
6.	ANIL	1401CE07	15.	RAHUL KUMAR	1401CE19
7.	ANIRUDH CHAUHAN	1401CE08	16.	S PRANAV	1401CE20
8.	DEVENDRA KUMAR MEENA	1401CE10	17.	S.SURESH RAJA	1401CE21
9.	ABHINAV KUMAR	1401CE02	18.	SUNIL KUMAR	1401CE23

Department of Computer Science and Engineering

Sl no.	Name	Roll number	Sl. no	Name	Roll number
1.	ABHINAY PALADUGU	1401CS01	28.	POOJARI VENKATESH	1401CS32
2.	ABHISHEK JAISWAL	1401CS02	29.	PRALAY RAMTEKE	1401CS33
3.	AMAN PRAKASH	1401CS04	30.	PRANJALI KOKARE	1401CS34
4.	AWANISH KUMAR DAS	1401CS05	31.	PRASHANT	1401CS35
5.	BADETI SATHYAPRAKASH	1401CS06	32.	PRATEEK SHARMA	1401CS36
6.	BHUKYA KOUSHIK RAJ	1401CS07	33.	PRINCE RAHEJA	1401CS37
7.	BORA RAGHU RAM REDDY	1401CS08	34.	RAJDEEP GUPTA	1401CS38
8.	BORA UDAY	1401CS09	35.	RAPETI SUBHANG	1401CS39
9.	BOREDDY VISHNUKANTH REDDY	1401CS10	36.	ROHAN RATHI	1401CS40
10.	BUSIREDDY GANESH REDDY	1401CS11	37.	S SUBRAMANIYAM	1401CS41
11.	CHINNAPUREDDY VINILESWAR REDDY	1401CS12	38.	SANTE KUSHAL SANTHOSH	1401CS42
12.	CHIRAG SONI	1401CS13	39.	SHENDURWADKAR DNYANESHWAR DIGAMBARRAO	1401CS43
13.	EDITHAL S S VIGNESH	1401CS14	40.	SHIFONA GARG	1401CS44
14.	GAGAN KUMAR	1401CS15	41.	SHUBHAM KUMAR VERMA	1401CS45
15.	GOPAL KUMAR	1401CS17	42.	SUSHANT KUMAR	1401CS46
16.	JITENDRA KUMAR	1401CS19	43.	TANMAY DAS	1401CS47
17.	KAVURI KAVYA	1401CS20	44.	VIPIN MAVI	1401CS48
18.	KONDA TAPASYA	1401CS21	45.	VISHAL SOLANKI	1401CS49
19.	LAXMAN KUMAR PRABHAKAR	1401CS22	46.	ALAN AIPE	1401CS50
20.	MADDU JEEVAN SURYA	1401CS24	47.	ABHISHEK KUMAR	1401CS51
21.	MAYANK GOYAL	1401CS25	48.	ANUPAM DAS	1401CS52
22.	MIRIYALA SAISREE REDDY	1401CS26	49.	RISHABH SINGHAL	1401CS53
23.	MRITUNJAY KUMAR	1401CS27	50.	THIRUMALA REDDY MANOJ REDDY	1401CS54
24.	NAMAN AGARWAL	1401CS28	51.	SATISH GUPTA	1401CS55
25.	NEWTON KUMAR	1401CS29	52.	HITESH GOLCHHA	1401CS56
26.	PATIL SHREYAS SUDESH	1401CS30	53.	SHUBHAM	1401CS57
27.	POGIRI VENKATA SAI CHAKRADHAR	1401CS31	54.		

Department of Electrical Engineering

Sl no.	Name	Roll number	Sl. no	Name	Roll number
1.	AAKHYA SINGH	1401EE01	20.	PRABHAT KUMAR MADDHESHIYA	1401EE27
2.	ABHISHEK MEENA	1401EE03	21.	PRITESH RAMAN	1401EE29
3.	AKASH GOYAL	1401EE04	22.	RAKESH KUMAR BIJARNIYA	1401EE30
4.	ALPESH RAJESH MORE	1401EE05	23.	RAKESH SARKAR	1401EE31
5.	AMAN OMKAR	1401EE06	24.	RAM NIWAS SAINI	1401EE32
6.	ASHUTOSH PRASAD	1401EE08	25.	RANGUDU SRICHARAN	1401EE33
7.	AYUSH BAKLIWAL	1401EE09	26.	RAUNAK SENGUPTA	1401EE34
8.	AYUSH KUMAR	1401EE10	27.	RITU MEENA	1401EE35
9.	DESHRAJ MEENA	1401EE14	28.	SACHIN KUMAR	1401EE36
10.	DURGESH KUMAR	1401EE15	29.	SAMEER PURWAR	1401EE37
11.	HATIM KANCHWALA	1401EE17	30.	SANKET NAGSHETTI	1401EE38
12.	HET RAM MEENA	1401EE18	31.	SHAILESH KUMAR KASHYAP	1401EE39
13.	LOKESH KUMAR RAIGER	1401EE19	32.	SHIVAM SHARMA	1401EE40
14.	MADUGULA MANISH	1401EE20	33.	SHOBHIT BHATNAGAR	1401EE41
15.	MAYANK KUMAR	1401EE21	34.	SHUBHAM JAIN	1401EE42
16.	MOGALIPUVVU PRANEETH	1401EE22	35.	SNEHAN SHOURYA	1401EE43
17.	MOHD ASAD	1401EE23	36.	SOMIL JAIN	1401EE44
18.	NAHAS ROSHAN K	1401EE24	37.	VIVEK KUMAR	1401EE48
19.	PARAS MANI	1401EE26	38.	DEEPANWAY GHOSAL	1401EE51

Department of Mechanical Engineering

Sl no.	Name	Roll number	Sl. no	Name	Roll number
1.	ADAPAKA SUSRUT	1401ME01	24.	PONNANA SAI KIRAN	1401ME29
2.	AMIT KUMAR	1401ME03	25.	RAHUL MEENA	1401ME30
3.	ANURAG MEENA	1401ME05	26.	RAHUL SHARMA	1401ME31
4.	ASHISH KUMAR	1401ME06	27.	RAJNESH RAJPUT	1401ME32
5.	B BRIJESH REDDY	1401ME07	28.	RAVI ANAND	1401ME33
6.	BHAWANA PUSHKAR	1401ME08	29.	RAVI KUMAR	1401ME34
7.	CHAITANYA KUMAR	1401ME09	30.	S.VIJAY ANAND	1401ME35
8.	DHARMESH KUMAR DEWANGAN	1401ME12	31.	SAI MANISH B	1401ME36
9.	DIVYANSHU	1401ME13	32.	SARTHAK RASTOGI	1401ME37
10.	GYANESH RAJPUT	1401ME14	33.	SATYABRATA SATYAJIT SAHOO	1401ME38
11.	HAROON RASHID	1401ME15	34.	SHASHANK KUMAR	1401ME39
12.	HARSHIT AGRAWAL	1401ME16	35.	SHEFALI DAS	1401ME40
13.	JAINENDRA GAUTAM	1401ME18	36.	SHIV JEE	1401ME41
14.	JATIN KALRA	1401ME19	37.	SHIVAM SHARMA	1401ME42
15.	KARTIK AGRAWAL	1401ME20	38.	SHUBHAM SHUKLA	1401ME44
16.	KILLI SANTHOSH NAIDU	1401ME21	39.	SOURABH JAIN	1401ME45
17.	KUNCHE YASWANTH	1401ME23	40.	TADI SANTH KUMAR	1401ME46
18.	KUSHAGRA JAIN	1401ME24	41.	THATI SANTHOSH KUMAR	1401ME47
19.	MADDIPATLA GANESH	1401ME25	42.	VENKATA KISHORE BABU POLISETTY	1401ME48
20.	MANEESH MEENA	1401ME26	43.	VISHAL SINGH	1401ME49
21.	MD ZEESHAN ALAM	1401ME27	44.	ZENIN EASA P	1401ME51
22.	MOHIT SHARMA	1401ME28	45.	NEHA VERMA	1401ME52

Backlog students (2013 batch)		
1	NIRANJAN HANSDA	1301ME29
2	SHEIK SAMEERUDDIN	1301CS41

Institute Medals and Prizes (M. Sc. 2016-18)

Institute Gold Medals

AryabhattaGold Medal

This gold medal is to be awarded to the outgoing M. Sc. student of 2016 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.

ROHIT KUMAR
(1612PH09)
Physics

Institute Silver Medals

The silver medal is to be awarded to the student of 2016 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.

ROHIT KUMAR
(1612PH09)
Physics

SUMAN KUMARI
(1612MA08)
Mathematics

ARGHA SAHA
(1612CH01)
Chemistry

INSTITUTE MEDALS AND PRIZES (M.TECH 2016-18)

Chairman's Gold Medal

This gold medal is to be awarded to the outgoing M. Tech. student of 2016 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.

KUMAR NISHANT UJJAWAL
(1611CE04)
Civil and Infrastructure Engineering

Institute Silver Medal

The silver medal is to be awarded to the student of 2016 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.

KUMAR NISHANT UJJAWAL
(1611CE04)
Civil and Infrastructure Engineering

ANKUR PANDEY
1611EE03)
Communication System Engineering

**SEQUEIRA RYAN THOMAS
(1611CS13)**
Computer Science and Engineering

**MANSI MAHESHWARI
(1611MC04)**
Mathematics and Computing

**SAURABH SRIVASTAVA
(1611MS10)**
Materials Science and Engineering

**ANURAG SHUKLA
(1611ME03)**
Mechanical Engineering

**KANIKA CHOUDHARY
(1611MT06)**
Mechatronics

**PRAKHAR VERMA
(1611NT07)**
Nanoscience and Technology

INSTITUTE PROFICIENCY PRIZES

The Institute will award one prize of Rs. 7500 to be called "Proficiency in Project Work Prize" for the best project works in each of the M.Tech courses.

RISHOW KUMAR
(1611MS09)
Materials Science and Engineering

PRAKHAR VERMA
(1611NT07)
Nanoscience and Technology

BADRISH PANDEY
(1611ME14)
Mechanical Engineering

AADITYA ASATI
(1611MT01)
Mechatronics

**PALAGALA VENKATESH YADAV
(1611CE07)**
Civil andInfrastructure Engineering

**SEQUEIRA RYAN THOMAS
(1611CS13)**
Computer Science and Engineering

**ANKUR PANDEY
(1611EE03)**
Communication System Engineering

**VISHAKHA SINGH
(1611EE18)**
Communication System Engineering

List of M. Sc. Students getting degree

22 (Twenty two) M.Sc. students of 2016 batch who completed the academic requirements and eligible for getting degree certificate are following:

2016 Batch

M.Sc. in Chemistry

Sl. No.	Name of Student	Roll No.
1	ARGHA SAHA	1612CH01
2	NITESH KUMAR	1612CH06
3	RAHUL KUMAR KERAI	1612CH07
4	RAJKUMAR SAHOO	1612CH08
5	YASHITA KHUNGER	1612CH10

M.Sc. in Mathematics

1	AKSHAY GARG	1612MA01
2	PAGAR PAVAN RAVINDRA	1612MA02
3	RANI KUMARI	1612MA04
4	RISHABH SHARMA	1612MA05
5	SHIVAM MIDDHA	1612MA06
6	SNEHAMOY KABIRAJ	1612MA07
7	SUMAN KUMARI	1612MA08
8	SYAMANTAK DAS	1612MA09
9	VAISHALY VERMA	1612MA10

M.Sc. in Physics

1	ABHINANDAN KUMAR	1612PH01
2	CHAYAN PAL	1612PH04
3	DIPANSHU SHARMA	1612PH05
4	MOHAK SHUKLA	1612PH06
5	NEESHA YADAV	1612PH07
6	RAMAKANTA SETHY	1612PH08
7	ROHIT KUMAR	1612PH09
8	SUBHADEEP DATTA	1612PH10

List of M. Tech. Students getting degree

01 (One) M.Tech.student of 2013 batch, 03 (Three) M.Tech.students of 2015 batch and 65 (Sixty Five) M.Tech.students of 2016 batch who completed the academic requirements and eligible for getting degree certificate are as follows:

2013 Batch

M.Tech. in Computer Science & Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	ASHUTOSH KUMAR SINHA	1311CS03

2015 Batch

M.Tech. in Civil & Infrastructure Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	SHOAIB ASIF	1511CE13

M.Tech. in Communication System Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	KUNDAN KUMAR SINHA	1511EE04

M.Tech. in Mechatronics

Sl. No.	STUDENTS NAME	Roll No.
1	ANIT KUMAR	1511MT03

2016 Batch

M.Tech. in Civil & Infrastructure Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	AUCHITYA VERMA	1611CE03
2	KUMAR NISHANT UJJAWAL	1611CE04
3	MAHIPAL	1611CE05
4	NISHANT NILAY	1611CE06
5	PALAGALA VENKATESH YADAV	1611CE07
6	PINTU KUMAR	1611CE08
7	PRATYUSH KUMAR	1611CE09
8	PURUSHOTTAM KUMAR CHAUDHARY	1611CE11
9	RAJI B	1611CE12

M.Tech. in Computer Science and Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	CHANCHAL SUMAN	1611CS01
2	CHEKE NIKHIL DATTATRAYA	1611CS02
3	HARSIMRAN BEDI	1611CS03
4	HIMANI SRIVASTAVA	1611CS04
5	JYOTI NARWARIYA	1611CS05
6	KINGSHUK BASAK	1611CS06
7	NIKHIL JAISWAL	1611CS09
8	NINGTHOUJAM DHANACHANDRA SINGH	1611CS10
9	SEQUEIRA RYAN THOMAS	1611CS13
10	DEBANJAN SARKAR	1611CS17

M.Tech. in Communication System Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	ADITYA SINGH	1611EE01
2	AJAY KUMAR	1611EE02
3	ANKUR PANDEY	1611EE03
4	BHASKAR PANNA	1611EE05
5	GYAN DEEP VERMA	1611EE08
6	H S TRINATH TAMMISETTI	1611EE09
7	MAYANK GUPTA	1611EE11
8	PAWAN KUMAR	1611EE12
9	SAURABH KUMAR	1611EE14
10	VISHAKHA SINGH	1611EE18

M.Tech. in Mathematics and Computing

Sl. No.	STUDENTS NAME	Roll No.
1	KUMARI DEEPSHIKHA	1611MC03
2	MANSI MAHESHWARI	1611MC04
3	POONAM	1611MC07
4	RAHUL YADAV	1611MC09
5	ROHIT KISHOR	1611MC10
6	SURABHI KUMARI	1611MC12
7	VISHAL KAUSHIK	1611MC13

M.Tech. in Mechanical Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	ANURAG SHUKLA	1611ME03
2	BADRISH PANDEY	1611ME14

M.Tech. in Materials Science and Engineering

Sl. No.	STUDENTS NAME	Roll No.
1	ABHILASH JOSE	1611MS02
2	AMARJEET KUMAR	1611MS04
3	HAMZA ALI	1611MS06
4	MAYANK KUMAR PANDEY	1611MS07
5	OM PRAKASH KUMAR	1611MS08
6	RISHOW KUMAR	1611MS09
7	SAURABH SRIVASTAVA	1611MS10
8	SONY PRIYADERSHINI	1611MS11
9	VALAY JAGDISH KHOBRAGADE	1611MS14

M.Tech. in Mechatronics

Sl. No.	STUDENTS NAME	Roll No.
1	AADITYA ASATI	1611MT01
2	ADNAN JAWED	1611MT02
3	AMIT KUMAR	1611MT03
4	BINAYAK KRISHNA SWAMI	1611MT05
5	KANIKA CHOUDHARY	1611MT06
6	KRISHNA AGRAWAL	1611MT07
7	MITHILESH KUMAR KOIRI	1611MT08
8	MOHAMMAD IQBAL ASHRAF	1611MT09
9	NEHA KUMARI	1611MT10
10	RAJAN SIPPY	1611MT12
11	SUMEET SHEKHAR	1611MT14

M.Tech. in Nano Science and Technology

Sl. No.	STUDENTS NAME	Roll No.
1	DEWANAND PANDIT	1611NT02
2	HARSH RANJAN	1611NT03
3	KM KAVITA VISHWAKARMA	1611NT05
4	PRAKHAR VERMA	1611NT07
5	PULI SUNNY BABU	1611NT09
6	RAJASHIK PAUL	1611NT10
7	RISHABH KISHORE	1611NT11

List of PhD Research scholars getting degree

SI.NO.	NAME	ROLL NO	SUPERVISOR NAME
1	SUMAN KUMAR DEY	1021EE07	Dr. AneekAdhya
2	ANUJ KUMAR	1221MA01	Dr. P.K. Srivastava
3	VIKAS KUMAR	1021EE03	Dr. Preetam Kumar
4	G.LLOYDS RAJA	1221EE01	Dr. Ahmad Ali
5	RAM NARAYAN YADAV	1421CS04	Dr. Rajiv Misra
6	SOURAV BHOWMICK	1321CH04	Dr. Neeladri Das
7	ATMA PRASAD RAI	1121PH04	Dr. A.K. Thakur
8	ANURADHA YADAV	1221MA04	Dr. P.K. Srivastava
9	MANISH KUMAR	1321EE08	Dr. SudhanMajhi
10	RAJNISH KUMAR	1321PH02	Dr. ManoranjanKar
11	SIDDHARTH SUMAN	1221ME03	Dr. Mohd. Kaleem Khan
12	SEEMA MANKESHWAR SINGH	1421CH03	Dr. Prolay Das
13	SANDEEP RAJ	1321EE02	Dr. K. C. Ray
14	AJAY PRATAP	1421CS08	Dr. Rajiv Misra
15	SWEETY SUPRIYA	1321PH05	Dr. ManoranjanKar

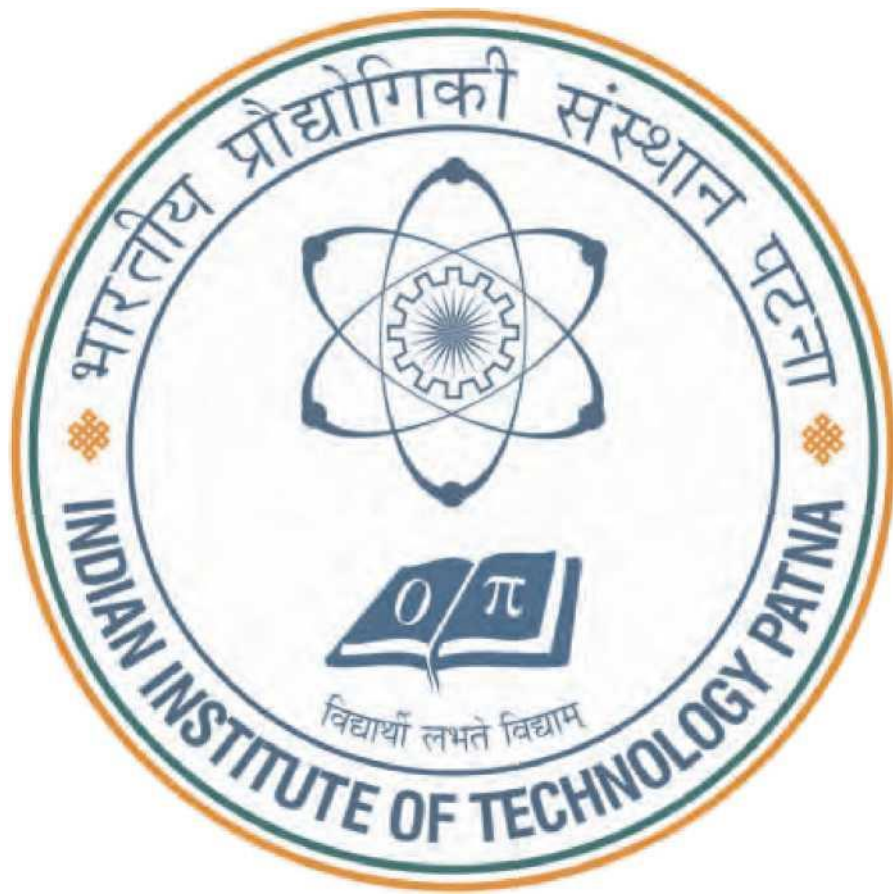# List of Committees for 6th Convocation IIT Patna
Dr. Ajay D Thakur, Professor In-charge Convocation 2018;
Dr. AnirbanBhattachrya, Associate Professor In-charge Convocation 2018

SI. No.	Committee	Convener
1.	Academic	Dr. Sanjoy Kumar Parida
2.	Personal Relation	Dr. ArijitMondal
3.	Dais Arrangement	Dr. SudhanMajhi
4.	Seating Arrangement	Dr. V. R. Dantham
5.	Food & Refreshments	Dr. ManoranjanKar
6.	Security, Parking etc.	Dr. Jawar Singh
7.	Transport	Dr. N. K. Tomar
8.	Webcast / Videography / Photography	Dr. Joydeep Chandra
9.	Medical Committee	Dr. Murshid Imam
10.	Convocation Brochure	Dr. Smriti Singh
11.	Dress	Dr. Saurabh Kumar Pandey
12.	Hospitality	Dr. Ranganathan Subramanian
13.	Accommodation	Dr. Rajib Kumar Jha
14.	Horticulture	Dr. Ramkrishna Bag
15.	Hall &Pandal	Dr. Md. Kaleem Khan
16.	Electrical & Civil works	Dr. S. Sivasubramani
17.	Medal & Prize	Dr. Sanjoy Kumar Parida
18.	Finance	Registrar
19.	Registration	Dr. Suman Kumar Maji
20.	Rehearsal	Dr. Yatendra Kumar Singh
21.	Academic Procession	Dr. DebajitSarma

Convocation Brochure Committee

**Dr. Smriti Singh, Dr. Sweta Sinha, Dr. Meghna Dutta, Dr. Manas Kumar Sarangi,
Dr. RanjitLaha, Mr. AbhishekhDikshit, Mr. Sanjeev Kumar**

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