

दसवां दीक्षांत समारोह 10th Convocation Ceremony

भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar





INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

10thANNUAL CONVOCATION 20th October, 2021

Chief Guest

Shri NR Narayana Murthy

Founder & Chief Mentor, Infosys Technologies Limited.

Dr. Rajendra Prasad Singh Chairman, Board of Governors Prof. Ratnam V. Raja Kumar Director, IIT Bhubaneswar

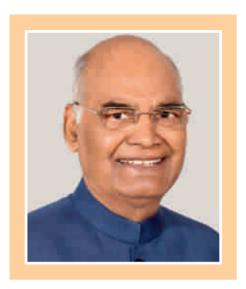


Indian Institute of Technology Bhubaneswar

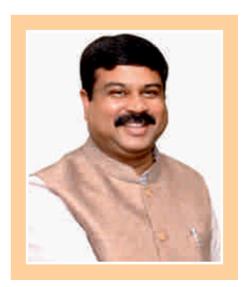
10th Annual Convocation

Date: 20-10-2021 (Wednesday)

	Minute-to-Minute Programme						
10:55 hrs.	Academic Procession proceeds to the Convocation Hall from the robbing area						
11:00 hrs.	Academic Procession arrives in the Convocation Hall						
11:01 hrs.	National Song						
11:03 hrs.	Chairman, Board of Governors declares the 10th Annual Convocation open						
11:04 hrs.	Welcome and Report by the Director						
11:19 hrs.	Award of Degrees by the Director						
	 Dean, Academic Affairs presents the Ph.D. degree recipients 						
	 Director hands over the degree and charges the degree recipients 						
	❖ Dean, Academic Affairs presents the M. Tech. degree recipients						
	 Director hands over the degree and charges the degree recipients 						
	 Heads of School present the M.Sc. degree recipients i) Atmosphere and Ocean Sciences ii) Geology iii) Chemistry iv) Geology v) Mathematics vi) Physics 						
	Director hands over the degree and charges the degree recipients						
	 Heads of Schools present the Dual Degree recipients in the following order: i) Civil Engineering, ii) Mechanical Engineering 						
	 Director hands over the degree and charges the degree recipients 						
	 Heads of the Schools present the B. Tech. and B. Tech. (Hons) degree recipients in the following order: Civil Engineering, ii) Computer Science and Engineering iii) Electrical Engineering, iv) Electronics and Communication Engineering, v) Mechanical Engineering, vi) Metallurgical and Materials Engineering Director hands over the degree and charges the degree recipients 						
	Dean (Academic Affairs) presents the Medal recipients						
12.00 hrs.	Chairman, Board of Governors awards the President of India Gold Medal , Director's Gold Medals and the Institute Silver Medals						
12:08 hrs.	Taking of Pledge by the degree recipients. (Pledge will be read by the President's Gold Medal recipient in Sanskrit)						
12.11 hrs.	Address by the Chairman, Board of Governors. Chairman, Board of Governors introduces briefly and requests the Chief Guest to deliver his Address						
12:18 hrs.	Address by the Chief Guest						
13:03 hrs.	Presentation of Memento to the Chief Guest by the Chairman, Board of Governors						
13:04 hrs.	Chairman, Board of Governors proposes the Vote of Thanks and declares 10 th Annual Convocation closed						
13:07 hrs.	National Anthem						
13:08 hrs.	Academic Procession returns						
13:10 hrs.	Return of the degree recipients and guests						



Shri Ram Nath Kovind
The Hon' ble President of India
and Visitor, IIT Bhubaneswar



Shri Dharmendra Pradhan
The Hon'ble, Education Minister
Ministry of Education and
Chairman, IIT Council



DR. RAJENDRA PRASAD SINGH Chairman, Board of Governors IIT Bhubaneswar



Prof. Ratnam V. Raja Kumar
Director,
IIT Bhubaneswar

THE CHIEF GUEST



Shri. NR Narayana Murthy
Founder & Chief Mentor
of Infosys Technologies Limited

Congratulations. I salute your aspiration, smartness, determination, hard work and discipline. I believe the future for India lies in you.

Best wishes.

Convocation Report by Prof. R V Raja Kumar, Director

Good Morning! Dr.N R Narayana Murthy, Founder of Infosys and Chief guest of the even, Dr.Rajendra Prasad Singh, hon'ble Chairman Board of Governors, esteemed Members of the Board of Governors and the Senate; esteemed members of the Faculty, Staff of the Institute, distinguished guests, dear graduating and other students, their round parents and guardians, representatives from the media both print and electronic, ladies and gentlemen!



It gives me immense pleasure to extend a very warm welcome to you all to the 10th convocation of IIT Bhubaneswar.

As you are aware, the most unprecedented Covid-19 Pandemic has changed our lives, the way we do our job functions, and the way we provide education to our students. The institute is committed to continue to provide global-class education without any compromise on the quality even at the time of a Pandemic situation. Present convocation too is an example. I feel proud to share with you that IIT Bhubaneswar, showed huge resilience in successfully completing the last academic year in time and by maintaining highest of standards through its path finding innovations.

This year is the twelfth year of existence of IIT Bhubaneswar. I would like to take this opportunity to present some of the notable achievements of the institute, made during the last academic year, with the dedicated spirit of achieving excellence, in teaching and research.

1. Key Achievements of the Institute

IIT Bhubaneswar showed huge resilience in successfully completing the curriculum maintaining highest of standards. Some of the achievements recorded by the institute during 2020-21 are as follows.

- Honoured with the "University of the Year" award by FICCI in 2021.
- Provided education in uncompromised standards and timely during the pandemic through several unique innovations such as the following:
 - > Switched to live streaming of lectures without loss of even a single day,
 - Devised and successfully applied a robust and uniquely innovative method of conducting conventional pen and paper exams with invigilation, by online. During the last year the outgoing students have earned their degree in full, taking the end-semester examinations and performance evaluation as usual, despite the pandemic. The institute didn't have to make any changes in the academic regulations except for reducing the 3 hr examination to 2 hrs.
 - Conducted Lab classes in an innovative & unique hybrid mode;
 - > Conducted extra-academic and yoga activities in virtual mode,
 - Organized convocation with real participation of students in Actual Reality.

- Lectures from international faculty from across the globe and recruitment of Faculty of Foreign Origin.
- Creation of a·42 acre sports complex at international standards, possibly the Best of the IIT's.
- Green and Wellness campus: 45,000 trees planted in the last 5 years, energy harvesting, cycling culture, water harvesting and Eco-friendly Waste disposal
- A unique and unparalleled outreach program for other students and school children of Odisha and neighbouring states under UBA.

Curriculum Review - 2021 at IIT Bhubaneswar and the context of NEP-2020:

- The curricular review of IIT Bhubaneswar is underway. The Director himself volunteered to create the first version. The important features of NEP 2020 being incorporated include:
- > Multidisciplinary and a holistic education across sciences, social sciences, arts, Humanities, and sports
- ➤ No hard separations between arts and sciences, curricular and extra-curricular activities, vocational and academic,
- > Credit transfer from reputed universities, flexibility for choosing courses as per a chosen life long career path according to interest and talent,
- Ethics and human & constitutional values,
- > Vocational and life skills, respect for diversity and pride in India,
- Important HSS courses are introduced keeping revisiting and adopting traditional Indian education system. Some HSS courses that have been already introduced over the last 5 years, sharing the vision behind NEP-2020 include, Ethics and Epics, Indian Mathematics, Introduction to Indian Philosophy, Indian Philosophical Perspectives on Substance, Introduction to Sanskrit, German and Comparative Linguistics, Odissi dance, etc.

2. Performance of the Institute in Institutional Rankings:

IIT Bhubaneswar has been working on very fundamental aspects of academics to be amongst the global cream and to help the nation in re-establishing its glorious past than in obtaining a good rank in the ranking frameworks. However, the strategic initiatives taken in recent times have not only fostered the development of the institute but also resulted in a significant position in the institute's ranking performance in both National and International scenario as follows.

National:

Ranking	NIRF Engineering	Times	India	Week	Times
system		Engg	Today	Hansa	Research
					Capability
Rank of	28* (due to a few	1	11	15	1
IITBBS	data errors)				

International:

Ranking system	QS World	QS World Asia	Times HE World	Times HE Asia and Young	Times HE Impact
Rank of IITBBS	701-750	233	1001-1200	University 251–300	801-1000

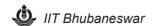
3. Academic Programmes:

The Institute offers 6 Nos. of B.Tech., 9 Nos. of Dual Degree Programmes, 5 Nos. of M.Sc., 14 Nos. of M.Tech Programmes and Ph.D Programme in its 7 Schools. The admission for the academic year 2021-22 in to the courses Ph.D., M.Tech., and M.Sc., degrees took place on 29th and 30th July, 2021. BTech students are expected to join by November 2021. The current student strength is 2490 (B.Tech. – 910(excluding UG 1st Year), Dual-Degree – 380 (excluding Dual Degree 1st Year), M.Tech. - 362, M.Sc – 201, Ph.D – 374, including 10% EWS and supernumerary admissions for women students). The Institute has a spectrum of 135 full-time faculty members, 19 regular officers ,1 officer on contract on scale , 7 officers on consolidated pay and other supporting staff.

Joint PhD Programme with University of Auckland: An international research initiative was taken up with the University of Auckland to foster academic exchange and cooperation between the two institutions in the potential domains namely Civil and Environment Engineering, Electrical and Computer Science and Engineering etc. to explore the possibility of Joint-Ph.D. programme, internship and collaborative research projects.

Multidisciplinary Education: Sharing the expressed in the NEP 2020, the institute has been promoting holistic and multidisciplinary education, to its engineering students. Institute has been offering diverse courses as explained in Section-1. in social sciences and performing arts, such as Introduction to Indian Philosophy, Substance in Indian Philosophy, Mathematics in India (ancient and modern) and "Functional and Communicative Sanskrit, Odissi dance" besides many cutting edge technology courses in AI, Data Sciences, Nano Science and Augmented and Virtual Reality.

Rejuvenation and Orientation programmes for Fresh Students: The Orientation Programme for the new entrants (PhD / M.Tech / M.Sc) was conducted on virtual mode on 6th August 2021. Institute has a plan to rejuvenate the students by organizing programmes from the Art of Living Foundation after they come to campus. This programme was organized for the freshers for the entire semester, last year. Student activity clubs and counselling cells organized interactive sessions with the freshers introducing them to different activities of the institute gymkhana by online.



2. Research & Development Activities:

Research and Consultancy Projects: The Research and Development activities have made rapid strides with time, and a total of 100 sponsored research and consultancy projects worth about Rs. 18.44 Crore have been sanctioned to the Institute during the year (2020-21) from different funding agencies. Besides these sanctioned projects, 86 project proposals worth about Rs. 58.48 Crore have been submitted which are in pipeline.

The major funding agencies are DST, MOE, CSIR, UGC, ISRO, DRDO, ICSSR, DAE, CPRI, DAC, DBT, Deity, NALCO, NPOL, IUSSTF, INCOIS, MoES, MoWR, IITM, NCAOR, BRNS KPIT, P&C Dept.-Govt. of Odisha etc. Our faculty members participated in major initiatives of MOE like IMPRINT, Uchhatar Avishkar Yojana (UAY), Swachhta Action Plan, FIST and Unnat Bharat Abhiyan (UBA), ATB, DST-FIST etc.

Some of the recent Industry-Academia collaborations and R&D initiatives as well as projects connected to the National/State Missions are worth quoting are as follows:

 Research Collaboration MoU was signed with Army Air Defense College, during August 2020 on carrying out a research project on Add on Radar for Jamming UAVs. Different communication technology relevant to UAS will be studied and a prototype C-UAS will be developed.

• The Institute is also actively participating in the national R&D missions namely: "IMPacting Research, Innovation and Technology (IMPRINT)". with seven projects under IMPRINT. Besides the sanctioned projects, a total of 14 proposals worth Rs. 10.61 crore under IMPRINT are in pipeline.

Research Areas of Thrust: The institute has defined the following nine areas of research thrust with the objective of making globally well recognized contributions in these areas:

- Climate change and Extreme Events,
- Energy,
- Augmented Reality and Virtual reality (AR-VR),
- Environment and Sustainability,
- Data Science and Machine Intelligence,
- IoT and next-generation networks,
- Water,
- Micro & Nano Manufacturing and Sensors,
- Nanoscience and technology.

Our climate science group is very unique, collaborates with, University of Massachusetts, Hurricane Research Department of NOAA, USA, Purdue University, IMD and INCOIS and already enjoys global reputation. It has predicted the course of recent cyclones, Yaas, Amphan, Fani, and Hudhud, very accurately about 5/6 days in advance with customization of latest models to Indian conditions. At the moment it is the only alternative to IMD that helps verification.

The Augmented and Virtual Reality Center of excellence is a unique center in the country helping the nation in developing an eco-system in this strategic area. The center has sanctioned and supporting nine R&D projects. The Centre also has organized a grand hackathon on ARVR during 9th to 10th Jan 2021 with 4 winners from across the country.

Collaborative Research: Collaborative Research: The Institute is very actively engaged in collaborative research with many reputed universities and research organizations across the world. Some of the collaborating universities include, University of Western Ontario, London; The University of Massachusetts Dartmouth; University of North Texas, USA; Warwick Manufacturing Group (WMG) of the University of Warwick, UK; The University of Buffalo the State University of New York, USA (SUNYAB); Dr. Dash foundation, USA; Engineering Center of Materials Manufacturing, Shanghai Jiao Tong University, China; University of Auckland and many other reputed universities for joint research, student internship and faculty. The institute also had an innumerable number of distinguished visitors for academic, research and other collaborative programmes.

4.A- Research Publications & Patents: During the last year (2020), the institute contributed to creating new knowledge by publishing more than 581 research articles including, 458 research papers in both National and International Journals of repute and high impact factor, 17 Bookchapters, and 106 papers were presented in various national and international conferences in India and abroad

The school-wise publication list during the last one year is as follows:

School	Book Chapter	Journal publications	Conference publications	Total Publications
Basic Sciences	1	189	7	197
Earth, Ocean & Climate Sciences	2	47	2	51
Electrical Sciences	3	52	65	120
Humanities, Social Sciences & Management	0	8	0	8
Infrastructure	10	66	14	90
Mechanical Sciences	1	52	9	62
Minerals, Metallurgical & Materials Engineering	0	44	9	53
Total	17	458	106	581

4.B: Patents: About 49 patent applications have been filed by the Institute faculty and research students so far and the number is rising.

5. Faculty Matters:

International Faculty at IITBBS – In order to offer education of international flavour to its students and to help the nation in re-establishing its glorious past, IIT Bhubaneswar regularly recruits faculty of foreign origin successfully to teach at the institute over long terms on Indian salaries. This endeavor has been unique and is ahead of the SPARC and VAJRA schemes. In 2021, almost 42 nos. of International Professors gave 110 nos. of lectures for the 77 nos. of courses in the different schools/departments.

Appraisal about IIT Bhubaneswar at Acclaimed Universities: IIT Bhubaneswar has been adopting standards even higher than some of the senior IIT's for faculty selection, though it may take longer to get good numbers. A team of the Director and Deans visited in the past USA and Singapore Universities and institutes with the objective of motivating very bright Postdoctoral and PhD students to apply for the faculty positions at IIT Bhubaneswar and to foster academic linkages.

Teaching Excellence and Outstanding Service Awards: In an endeavor to create an environment of teaching-learning of high order, faculty members who got highest rating by student feedback have been honored with teaching excellence awards and Director's commendation awards for Outstanding Services & Research Work. The details of the awardees are mentioned below-

Teaching Excellence Awards for 2020:

- 1. Dr. Srinivas Pinisetty, Assistant Professor, School of Electrical Sciences for overall best performance.
- 2. Dr. Nirmalendu Acharya, Assistant Professor, School of Basic Sciences.
- 3. Dr. Anoop Thomas, Assistant Professor, School of Electrical Sciences
- 4. Dr. Rajakumar Guduru, Assistant Professor, School of Humanities and Social Sciences

<u>Director's Commendation for Outstanding Research 2020</u>

- 1. Prof. V.R. Pedireddi, Dean, Student Affairs
- 2. Dr. Rajan Jha, Associate Professor, School of Basic Sciences
- 3. Dr. Subhransu Ranjan Samantaray, Associate Professor, School of Electrical Sciences
- 4. Dr. Venugopal Arumuru, Assistant Professor, School of Mechanical Sciences

<u>Director's Commendation for Outstanding Services 2020</u>

- 1. Dr. Shantanu Pal, Warden
- 2. Dr. Barathram Ramkumar, Chairman, Computer & IT Services Cell
- 3. Dr. Srinivas Bhaskar Karanki, Professor-in-Charge (Counselling)

Awards & Honours Received by Faculty: Several academic distinctions, honours, distinguished fellowships, associateships, named lectureships, coveted medals and awards have been bestowed on our faculty, in recognition of their academic achievements, during the last year. Some of the distinctions include:

Prof. R. K. Panda	 VAJRA Faculty Award 2020 of SERB, DST with Prof. C. R. Ray, Director, Nebraska Water Centre, USA as the VAJRA Visiting Faculty. DUO-India Professor Fellowship 2020 with Prof. Andras Bardossy, University of Stuttgart, Germany as the collaborator.
Prof. P. V. Satyam	Honored for the year 2021-2029 (for two terms, 4 years each term): Executive Member of Committee of Asia Pacific Societies for Microscopy, CAPSM – a part of International Federation of Societies for Microscopy (full member of scientific council – UN).
Dr. Remya Neelancherry	 Outstanding Woman in Engineering (Major Area of Study - Environmental Engineering), Venus International Women Awards - VIWA 2020. Best paper award, International conference on Bioprocess for Sustainable Environment and Energy (ICBSEE-India-2020) for the paper "Microwave Copyrolysis of biomass and plastic-Effect of microwave susceptors on the yield and property of biochar.
Dr. Shantanu Patra	Best paper award from Indian Geotechnical Society, IGS-Z-Tech Biennial Award (December 2020) for "Geosynthetic and Allied Construction Products for the paper "A Mechanistic Pullout Model for GRS Walls Under Kinematic Consideration"
Dr P R Budarapu	Editorial Board member of International Journal of Computational Methods (IF:2.193) journal from 01.03.2021 onwards.
Dr. M. M. Mahapatra	Editorial Board of Transactions of the Indian Institute of Metals Journal (IF:1.499)
Dr S R Samantaray	Selected for Fellow, IET (Institution of Engineering and Technology), UK -2020
Dr. Madhusmita Dash	Selected as "Young Social Scientist" to participate in the "Natural Capital Accounting and Valuation of Ecosystem Services (NCAVES) India Forum" conducted by the Ministry of Statistics and Programme Implementation (MoSPI), Government of India, in collaboration with United Nations Statistics Division (UNSD), European Union, UN Environment Programme (UNEP) and Ministry of Environment Forest and Climate Change (MoEFCC) from 14th-28th January 2021.
Dr. Rajan Jha	Received SERB STAR Fellowship
Dr. Vasudeva Rao Allu	Received Editor of Journal of Mathematical Inequalities honour.
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6. Student Activities:

The Students' Gymkhana at IIT Bhubaneswar is a central hub for all-round development of students. The major councils under Students' Gymkhana are Social & Cultural, Science & Technology, and Sports & Games, which are active throughout the year. The annual technomanagement fest Wissenaire, socio-cultural fest Alma Fiesta, and Entrepreneurship meet E-Summit have set a distinguished mark in the eastern zone and had their best editions yet.

Achievements of Students in Technical Events:

SI. No.	Name of Event	Conducted by	Our Society/Council	Name of Student(s)	Position
1	Amazon Hackathon	Amazon	Neuromancers	Navaneeth Bysani,Sai Krishna Jupally,P Kartikeya,Shrirang Desmukh	Rank within top 10 teams
2	August Cook- off Division 2	Codechef	Neuromancers	Akshat Anand	Rank within top 200 contestants
3	January Long Challenge 2021	Codechef	Neuromancers	Arpit Kesharwani	Global Rank 10
4	May Contest	Codedrills	Neuromancers	Arpit Kesharwani	3rd Rank
5	Contest	Interview Bit	Neuromancers	Arpit Kesharwani	5th Rank
6	Kickstart	Google	Neuromancers	Sarthak Gupta,Bhargav,Arpit Kesharwani	Global Rank 42, 255 and 41 respectively
7	Hackercup 2021	Facebook	Neuromancers	Sarthak Gupta	Global Rank 50
10	Inter IIT Tech Meet	IIT Guwahati	Technical Council	Akarsh Rana,Ankit Anand,Chebrolu Sravanth,Raushan Kumar,Ganesh Ram Kaushik	Bronze Medal(3rd prize)
11	Graphic Design Competition	Ek Bharat Shreshtha Bharat	Web n Design	SL Krishna	3rd Prize
12	Hackathon	North Cap University	Web n Design	P Kartikeya	3rd Prize
16	Design Challenge conducted by Amathea	IIT Gandhinagar	RISC	Divesh Shet	4th Position

Achievements of Students in Socio-Cultural Events:

SI. No.	Name of Event	Conducted by	Our Society/Council	Name of Student(s)	Position
1	International Model United Nations	internationalmun.org	Panacea	Ayush Kashyap	2
2	Expostuletz, Summer Debate	NIT Agartala	Panacea	Ayush Kashyap	2
3	Dais Interdiction, English Debate	Army Institute of Technology, Pune	Panacea	Ayush Kashyap	3
4	AstroClix '21	Clix and Nakshatra, IIT Bhubaneswar	Clix	Guntupalli Kartheek	2
5	Clixathon	Clix, IIT Bhubaneswar	Clix	Raghunath B	1
6	National level Slogan Writing Competition, Hindi Pakhwada	Rajbhasha Ekek, Abhivyakti, IIT Bhubaneswar	Abhivyakti	Prakhar Srivastava	1
7	Green Auction on the occaszion of World Environment Day	Eco Club, NIT Silchar	Quiz Club	Aayush Gahan, Aditya Balakrishnan, Vedanta Mohapatra	1
8	Quiz Competition in the theme "Independence Struggle and 75 years of Independence"	Itihasa, the History Association, DCAC and IQAC, DCAC (Delhi College of Arts and Commerce, DU)	Quiz Club	Vesalapu Gnan Vikas	2
9	Monologue Competition	Gujarat Government	Fourth Wall (Dramatics)	Aniket Shah	1
10	Monologue Competition	NIT Trichy	Fourth Wall (Dramatics)	Saurabh Kumar	1
11	Inter College Painting Competition	Saarang, IIT Madras	Kalakriti	Lakshit Hazarika Rabha	1

7. Infrastructure Creation:

Towards the end of financial year 2016-17, MHRD, Govt. of India sanctioned Rs 850 Crore for Phase-II constructions to fully develop the institute in all respects for a student strength of 2500. The institute carried out a very proactive exercise of creating the 2nd phase infrastructure and complete it by Jan 2019. The Institute selected NBCC as the PMC through competitive bidding process and carried out a very careful planning process for speedy initiation and completion of Phase-II buildings. The Master plan has been redone with a lot of improvements including creation of academic and residential spines.

C1	Nama of the Work	Area	Cost of	Date of	Lilraly	Doroceta
Sl No.	Name of the Work	Area (Sq.m.)	Cost of Buildin gs (in Crore)	Start	Likely date of Completi on as per NBCC	Percenta ge of Progress
1.1	Boys' Hostel (800 Seater)- 1 No.	24504	103.84	20.04.2017	occupied since Oct'2019 pending defect rectificati	99.4%
1.2	Girls' Hostel (400 Seater)- 1 No.	15043			on	
2.1	Boys' Hostel (800 Seater)- 1 No.	24504		27.11.2017	Director Bungalow	78%
2.2	Type – A Faculty Qtrs. (44 Nos)-2 unit	11386			, A1, B1, Part of BH-3	
2.3	Type –B Faculty Qtrs. (88 Nos) -4 unit	21275			(RHR), part of LHC-3	
2.4	Type –C Staff Qtrs. (66 Nos)-3 unit	13682		(Pushpag	(Pushpagi ri)	
2.5	Type –D Staff Qtrs. (44 Nos) - 2 unit	6633	541.06	complete		
2.6	Students activity centre (including swimming Pool 50 x 25M)	4350	541.06		occupied pending defect rectificati on	
2.7	Dispensary	1224				
2.8	Auditorium (1500 Capacity)	5278			Other	
2.9	School of Minerals, Metallurgical and Materials, Engineering	6085			buildings will be completed	
2.10	School of Earth Ocean & Climate Sciences	6001			by 31.3.2022	
2.11	School of Humanities, Social Sciences & Management	1715				
2.12	Central Workshop	2545				
2.13	Central Research and Instrumentation facilities	2725				

5.1	Efficiency Hostel	7555	52.35	14.12.2018	31.03.202	75%
5.2	Extension of SBS Building	2564			_	
5.3	Extension of SIF Building	3105				
5.4	Extension of SMS Building	3128				
6.1	External development (like Road, Drain, Play Fields, Play courts, Equipment room, Cycle car parking, land scapping in LHC and School and open air theatre	40 acres	58.66	03.03.2019	31.03.202	49%
7.1	STP with SCADA system		4.21	29.06.2019	31.03.202 2	56%

The scheduled date of completion of the work was December 2019. The overall financial progress of the projects as of now is approx. 63%. Now it is expected to be completed by March - 2022 as per NBCC.

Green Campus Initiatives:

IIT Bhubaneswar is highly committed towards promoting the culture of eco-friendliness, creating a green belt, has been taking up humongous steps towards making the campus and nearby places green and adopted several green campus initiatives: IIT Bhubaneswar has created and maintains outstanding landscapes and greenery in the campus. Plantation of trees also help create wellness environment important for the campsites to enjoy the working and residential space.

Plantation Initiative: — In addition to 40,000 plants planted in the previous five years, last year more than 2,500 plants have already been planted. The exotic and indigenous evergreen and deciduous flowering trees and plants such as Bauhinia, Coconut, Date palm, Foxtail palm etc., were some of the varieties chosen to be planted to create the healthy echo-system for attracting the exotic and migratory birds. Along with the plantation of new plants, the old ones were restored. The massive task related to the teak plantation was completed along the boundary wall of our campus.

Cycle Friendly Campus Initiative: IIT Bhubaneswar banned power vehicle use by students and incorporated the "Cycling Culture" for promoting the health benefits of students, faculty, staff and the community and for controlling environmental risk factors. The institute has initiated the Bicycle Infrastructure Development Plan for creating "Cycle Friendly Campus" by providing sustainable and convenient tree-lined cycle path for riding a bicycle between the schools and hostels, and for constructing cycle parking infrastructure in each of the buildings.

Water-Harvesting Initiative: IIT Bhubaneswar has initiated building up of rooftop rainwater harvesting and surface rainwater harvesting infrastructure, and setting up a waste management system and wastewater recycling plant, to make the campus zero-discharge.

Green Buildings: The buildings are GRIHA (Green Rating for Integrated Habitat Assessment) 4 and 5 compliant. The building construction is done by using the fly ash blocks which are not only environment friendly, but also keep the building cool and clean.

Eco-friendly Waste Disposal: IIT Bhubaneswar deployed dustbins with biodegradable and non-biodegradable categories.

8. Alumni Activities:

The Alumni Cell and Alumni Association of IIT Bhubaneswar has continued their activities relentlessly in spite of the current global situation. The Bangalore Chapter of IIT BBS Alumni Association, B has continued to function to its full potential. The success of this chapter was an extremely encouraging phenomenon, especially considering the institute's vision to form and inaugurate more such Chapters at various locations in the near future.

One of the major event of this year was the IIT Industry Conclave organized by the IIT Alumni Centre Bengaluru on 15th August 2021. Our Director Prof. R.V Raja Kumar attended this conclave. This conclave provided an opportunity to interact with speakers from various walks of life including a large number of IIT Directors and alumni. In fact, the Chief Guest of 10th Convocation, Padma Vibhushan N. R. Narayana Murthy was also present in the conclave and his valuable thoughts on a road map pertaining to the role of IITs in improving the economy of the country.

In view of the pandemic scenario, a total of 33 webinars have been conducted on topics, which range from "What IITs do" to "Future of education". An AI excellence center of excellence with the objective of conceptualizing and supporting projects on subjects of national/ social importance has been established. Its major goal is to support curation and creation of open resources for faculty and industry across the globe and to popularize adoption of AI technologies in industry.

Participation in PAN IIT Global Virtual Technology Summit PI-WOT 2021

This event, which was organized on the 17th and 18th of September, 2021 and was attended by our director Prof R.V. Raja Kumar and Dean AA& IR, Prof Swarup K Mahapatra focused on key issues such as the need for a change in the Startup Ecosystem in India. Various points were put forth regarding this topic, such as the need to expand on the basic education structure so as to include the idea of Startups along with the need for building a scalable mentoring model.

Other Activities:

Apart from these significant events, the IIT Bhubaneswar Alumni Association has also conducted various other activities. Multiple Webinars and Interactive Sessions were organized over the last academic year, providing our students with an opportunity to seek guidance from successful alumni and entrepreneurs.

The 4th issue of the Biannual Alumni Newsletter, Spaghetti, was published in the month of March. This issue covered many significant events, which took place in the institute over the last year and also included success stories of our Alumni along with dealing with lockdown.

The Alumni Association lauded the efforts put forth by Director, Prof R. V Raja Kumar in guiding his team for implementing path finding innovative strategies for not only conducting online classes and examination but also on giving hands-on-laboratory training to the graduating batch of 20-21.

9. Entrepreneurship & Startup Activity:

Entrepreneurship Cell, IIT Bhubaneswar is committed to its goal of nurturing the entrepreneurship culture among its students. E-Cell raised the bar by holding another successful E-Summit, this time using online platform. E-Cell also showed its commitment towards sustaining the environment of innovation through its technology incubation center activities. The details are as below:

E-Summit 21

The seventh edition of E-Summit'21 held during March 26-29 with the theme "Reign of Resilience". Shri. Kris Gopalakrishnan, Chairman Axilor Ventures and Co-founder Infosys was the Chief Guest E-Summit'21 that witnessed a number of conclaves and event well attended by the participants in virtual mode. In Crypto-currency conclave Mr. Siddharth Sogani - CEO, CREBACO Global Inc, Shivam Thakral - CEO & Co-Founder BuyUcoin Consultants, Anil Lulla - COO at Delphi Digital, Raj Chowdhury - Managing Director, HashCash, provided insights on the current trend of Crypto-currency and Block chain startups. Twenty teams took part in Innovation expo and showcased their projects useful for social welfare. In R&D Conclave the panelists Prof. Vivek Polshettiwar, TIFR, Dr Aruna Shankarkumar, NIIH, Umashankar Singh, IIT Gandhinagar put their views on ethical research and discussed the technical side of R&D like DNA cutting, immunology, and nanotechnology. The Investors Conclave has an engaging session on current investments scenario with panelists Mr. Vinayak Nath, Serial Entrepreneur & TEDx Speaker, Mr Sanjay Jesrani, Founder & CEO, Go North Ventures, and Mr Shashank Randev, Founder VC. Investup a debutant event of E-Summit'21 had many resilience series interactions with famed personalities like Ms Anisha Motwani, entrepreneur and noted author, Mr Akash Singh, Co-Founder and CTO of Observe.AI. Mr Acharya Prashanth, an acclaimed Vedanta teacher authoring over 60 books. The Summit concluded with a thought provoking session with Dr. Kiran Bedi, the first female IPS officer of India and former Lt. Governor of Puducherry who was the Chief Guest of the valedictory ceremony.

TIC activities

The four projects currently running under technology incubation centre are near complete. Three IOT based project aim at development of home security solutions (PI: Dr. Bharathram Ramkumar), electrical power grid stability (PI: Dr. Srinivas B. Karanki) and health monitoring devices (PI: Dr.M.S.Manikandan). these are in their final development stage with most of the objectives achieved. Another project aims at developing a bio-digester system for Biogas production using bio-waste from IIT hostels' kitchens (PI: Dr. Prasenjit Rath). The construction of the Bio digester has been done in Mahanadi Hall of Residence. The project is also nearing it completion. Three more projects from faculty and students have been approved for providing the financial assistance under TIC and will take off shortly.



10. Continuing Education Programme (CEP):

Continuing Education Programme is an illustrative and widely accepted segment of IIT Bhubaneswar which aims to organize workshops, symposiums, short term courses, and training programs in the field of Science, Technology, Management, & Finance for the professionals of the Industries, Government & research scholars to enhance their expertise skills and academic career. Recently, CEP has started customized training programme/ certificate courses for the inservice professionals of the Industry to meet their challenging areas of works..

Symposiums, Workshops, and Faculty Development Programme at CEP:

During 2020 -21, six (06) nos. of National and International symposiums, workshops, and faculty development programme have been organized under the aegis of Continuing Education, IIT Bhubaneswar Details are tabulated below:

Sl. No.	Title of the Events	Symposium/ FDP/ Workshop	Types of the Events (National/ International)	Duration of the Event	Mode of conduct	No. of Partic ipants
1	Corrosion and Surface Engineering for A erospace and Other Applications	Symposium	National	19.03.2021 to 20.03.2021	Online	102
2	Analysis and Design of Minor Bridges and Cultivates	Workshop	National	08.03.2021 to 10.03.2021	Online	57
3	New Technology Application in Rural Roads	Workshop	National	25.02.2021 to 27.02.2021	Online	29
4	BOF Process Control	Workshop	National	09.06.2021 to 10.06.2021	Online	15
5	Power Electronic and Renewable Energy Systems Control	Symposium	International	04.12.2020 to 05.12.2020	Online	65
6	Effective Team Work	FDP	National	26.07.2021 to 30.07.2021	Online	200

Programme & Schemes at CEP:

• Under the Quality Improvement Programme (QIP), nine (09) faculty members from the AICTE approved colleges have been enrolled into Ph. D. programme in the different disciplines at IIT Bhubaneswar while 5 more are selected for Pre-Ph.D. programme in the year 2021-22. Besides, 15 nos. of online Short Term Courses have been conducted. Notable among them are tabulated below:

Sl. No.	Title of the Short Term Course	Name of the Coordinator (s)	Associated with the School	Duration of the STC	Mode of Conduct	No. of Partici pants
1	Digital Communication and Communication Networks	Dr. Pravas Ranjan Sahu & Dr. M. S. Manikandan	SES	14-25 June, 2021	Online	39
2	Learning CFD/HT through Industry Relevant Problems	Prof. S.K. Mahapatra & Dr. Prasenjit Rath	SMS	7-18 June, 2021	Online	43
3	Design of Landfills and Waste Containment Systems	Dr. B. Hanumantha Rao Dr. Remya Neelancherry	SIF	5-9 July, 2021	Online	123
4	Advances in Energy and Functional Materials	Dr. Soobhankar Pati Dr. Srikant Gollapudi Dr. Amritendu Roy Dr. Sivaiah Bathula	SMM&ME	14-26 June, 2021	Online	31
5	Stock Market, Portfolio Management & Trading	Dr. Naresh Chandra Sahu	HSS&M	24- 28 May, 2021	Online	43

• Scheme for Promotion of Academic and Research Collaboration (SPARC): Scheme for Promotion of Academic and Research Collaboration (SPARC) is an initiative of the Ministry of Education, Government of India which aims to improve the research ecosystems of India's higher education institutions by facilitating academic and research collaborations between top-ranked Indian institutions and globally ranked Foreign Institutions. For IIT Bhubaneswar, Eleven (11) major research projects have already been sanctioned which is the largest number of approvals amongst the 2nd and 3rd generation IIT's. During the year 2020-21, under SPARC Project (P468) two Indo-USA online Short-term Courses on "VLSI Architectures for Energy-Efficient Embedded Healthcare Systems" & "Signal Processing and Machine Learning Techniques for Data-Driven IoT and Smartphone Health Monitoring" have been conducted through online mode. The renowned International speakers Prof. Keshab K. Parhi and Prof. Alena Talkachova from the University of Minnesota,



USA have delivered lectures on different topics of the courses. Another course titled "Numerical Methods in Radiative" has also been conducted under SPARC project (P420). Prof. Sunil Kumar from New York University USA, an internationally well-known expert in radiation heat transfer, has delivered lectures on different topics of the course..

• Global Initiative of Academic Networks (GIAN): Global Initiative of Academic Networks (GIAN) is one of the Flagship programs of the Ministry of Education, Government of India. Under the GIAN program, IIT Bhubaneswar has conducted 32 Nos. of short-term courses with the support of eminent professors from across the globe. Furthermore, 31 nos. of short term course proposals have been submitted by IIT Bhubaneswar for Phase-III of GIAN.

11. Outreach Programme:

Going by the spirit of Government of India in instituting the Unnat Bharat Abhiyan in making the benefit of the presence of an IIT make a difference in the hinterland, IIT Bhubaneswar started a very spirited Outreach Programme. The institute takes up several activities in the following means during the last year under its Outreach programme:

Unnat Bharat Abhiyan (UBA) activities: The following activities were undertaken by the UBA team during the last year.

- Online Classes on Science, English and Mathematics subjects: The UBA team has been conducting online classes on Science, English, and Mathematics for the students of Class V-VIII of the adopted villages since November 2020 during the COVID pandemic period. Students' learning is enriched by regular assessments and personal guidance during this pandemic period.
- On the 75th Independence day celebration, the UBA team of IIT Bhubaneswar conducted a
 virtual program for the enrolled students from different schools of Odisha to enlighten
 students about the rich history of India and inspire them to actively participate in the welfare of
 our society.
- Several activities such as drawing, debate, essay writing and just-a-minute competitions were also conducted based on relevant social themes with an innovative approach. The UBA team also organized a very informative and innovative quiz event based on historic achievements, eminent personalities of our nation, and India's achievements in Tokyo Olympics 2020 to celebrate "Azadi ka Amrit Mahotsay".

IIT Bhubaneswar conducted a Mini-Marathon and a Walkathon as part of the Fit India Freedom Run program on 25th September, 2021 (Saturday). The event was inaugurated and flagged of by Prof. R.V. Raja Kumar, Director, IIT Bhubaneswar.

Despite the pandemic, the EAA classes saw the full and enthusiastic participation of the first year undergraduate and dual degree students who joined in the year 2020 as part of their course curriculum. It also include physical fitness training session, Yoga session. The EAA-NSS students carried out cleanliness of their surroundings while maintaining social distancing as part of the Swachh Bharat Abhiyan program.

Ek Bharat Shreshtha Bharat (EBSB): IIT Bhubaneswar has organised several cultural exchange programmes and online quiz, painting, dance competitions with NITIE Mumbai (Odisha-Maharashtra pair), which is appreciated by the Ministry of Education. In these events EBSB club members of both the institutes interacted with each other. EBSB club IIT Bhubaneswar conducted Odia classes for NITIE Mumbai students and faculty members, and reciprocating the NITIE Mumbai conducted Marathi classes for IIT Bhubaneswar.

12. Career Development Cell (CDC):

Campus placements of 2021 passing out batch have been eventful in terms of a significant rise in new recruiters visiting IIT Bhubaneswar, in addition to majority of the previous recruiters repeating this year too, indicating faith/trust in the quality of our students. IIT BBS could achieve remarkable feat in achieving placement targets despite the pandemic situation in the country.

Key highlights

- Total 220 students from UG received offers.
- Undergraduate placement is about 93% and placements would continue till November 2021 due to the outbreak of pandemic.
- Highest domestic CTC offered was 56 Lakhs per annum.
- Average salary is 16.13 Lakh per Annum for ÛG. A sharp increase of 16% over the last year.
- M. Tech placements are close to 70%. Placements would continue till November 2021 due to the outbreak of pandemic.
- The trend this year shows 52% students getting jobs in core engineering fields. Students also got offers from the analytics sector (7%), IT sector (35%) and consulting (6%).
- PSU's like Oil India Limited, REC, TRAI, GAIL, CDAC, WAPCOS, Bharat Electronics
 Limited have participated in the campus placements.
- MNC companies like Jaguar LandRover, Goldman Sachs, GE India, Honeywell, Samsung R&D, Vedanta, Qualcomm, Reliance JIo, HSBC Technologies India, Tata Steel, Maruti Suzuki, Mahindra & Mahindra, Infosys, TCS R & D, and Adobe have participated in this year of placements. Many start-ups and fintech companies have shown keen interest to hire this year.
- 3rd year students have received internship offers in reputed industries. Majority of CS and circuital branches engaged in Internships has the possibility of a full-time offer.

13. Distinguished Visitors:

A large number of distinguished personalities visited the Institute in person or through virtually on different occasions, addressed the faculty, students and staff. The visitors include, Shri Dharmendra Pradhan, Hon'ble Minister of Education; Dr. Ramesh Pokhariyal, Hon'ble Minister of Education, Govt. of India; Shri Sanjay Dhotre, Hon'ble Minister of State for Education, Govt. of India; Dr K. Kasturirangan, Padma Shri, Padma Bhushan, Padma Vibhushan; Chairman of NEP-2020 drafting panel; Prof. Kasturi Lal Chopra, Padma Shri, Former Director, IIT Kharagpur; Shri K.C. Ramamurthy, Member of Rajya Sabha (M.P) and Chairman, Committee On Papers Laid On The Table, (COPLOT);

Shri Sanjeev Chandra, Addl. Director, Sansad; Smt. Susmita Bagchi, Chairperson Mo School, Govt. of Odisha; Maj. Gen. K.V. Jauhar, VSM, ADG, ATB; Prof. Devdas Menon, Chair Professor in the Department of Civil Engineering at IIT Madras; Prof. Bijayalaxmi Nanda, Acting principal of college Miranda House, University of Delhi; Prof. Anil K. Gupta, Founder of the Honey Bee Network, National Innovation Foundation; Prof. Jatindra Kumar Nayak, Visiting Fellow, National Institute of Science Education and Research (NISER), Bhubaneswar; Prof. Ashok Jhunjhunwala, Padma Shri, Head- IITM Incubation Cell; Dr. Srikumar Banerjee, Padma Shri, Retired as the Chairman Atomic Energy Commission of India (AECI) and the Secretary of Department of Atomic Energy (DAE); Shri Ashok Madhukar, Chairman, Emeritus with Madhukar Livelihood Foundation; Commander V. K. Jaitly, IIT KGP Alumnus, INS (Retired) and Chairman, C-cube Consultants, C cube conducts Programs in Business Excellence; Dr. Vinay Sahasrabudhe, Hon'ble Chairman, Parliamentary Standing Committee on MoE, Govt. of India; Prof. Anil Sahasrabudhe, Hon'ble Chairman, AICTE and Director, ATAL Academy; Prof. Ramesh Chandra Sinha, Chairman, Indian Council of Philosophical Research (ICPR), New Delhi; Shri Kris Gopalakrishnan, Chairman Axilor Ventures and Co-founder Infosys; Dr. Kiran Bedi, Former Lieutenant Governor of Puducherry and First Woman IPS Officer; Dr. V.K Aatre, Former Director-General, Secretary, Department of Defence R&D, Defence Research and Development Organization (DRDO); Dr. Omkar Rai, Director General, STPI; Smt. Anuradha Acharya, Founder and CEO of Ocimum Bio Solutions and Mapmygenome; Swami Achalananda Giri, Secretary and Administrator for Prajnana Mission; Shri Jaswinder S. Ahuja, Corporate Vice President, and Managing Director of Cadence Design Systems India; Shri Ranjan Kumar Mohapatra, Chairman, Skill Development Institute (SDI) and Director (HR), Indian Oil Corporation; Mr. Arul Dev, An Author, Radiant Universal Leader Coach and Integral Educator and a guest faculty at IIT Madras; Dr. G. Satheesh Reddy, Chairman, Deference Research Development Organization (DRDO), Scientific Advisor to Defence Minister, Secretary, Department of Defence Research and Development and Director General, Aeronautical Development Agency (ADA); Prof. Ashok Kumar Mahapatra, Former Director, AIIMS Bhubaneswar and Current Vice Chancellor, SOA University, Bhubaneswar.

14. Women's Welfare Committee (WWC):

The Women Welfare Committee (WWC), IIT Bhubaneswar is an active body committed to create awareness and promote woman welfare of not only its staff, faculty or female students, but it also extends its awareness in the nearby villages as well.

On the eve of International Women's Day, on 8th March, 2021 IIT Bhubaneswar Women Welfare Committee organized a thought provoking session at its campus. The theme for the International Day was 'Women in leadership: Achieving an equal future in a COVID-19 world', celebrating the tremendous efforts by women and girls around the world in shaping a more equal future and recovery from the COVID-19 pandemic. Mrs Rajita Kulkarni, President of World Forum for Ethics in Business was the Chief Guest, Adv. Snehanjali Mohanty, Senior Member State Commission for Women Odisha was the Guest of Honour.

WWC with its Students Team regularly host different events and activities such as Quiz competition; organised on September 04, 2021 named as 'Know the Women Change makers' (the quiz was a tribute to women who have achieved milestones in their respective fields and have inspired the world in their own unique ways) and Logo completion for the students in order to create and promote awareness among them. The committee is on its way to create a 24-hour security helpline for its women employees and students and to start a course on women studies. WWC will continue its tradition to invite inspirational women to encourage young men and women to promote equality.

15. Computer and IT services Cell (CITSC):

The following are some of the activities carried by CITSC in the last academic year with uninterrupted service and connectivity all through the year without giving a feeling of remote participation by the participants due to the pandemic.

- Provided support for conducting online classes so that academic activities are not interrupted due to covid pandemic.
- Implemented a system to conduct conventional exams online. The system was used to successfully graduate all the students with full honors.
- Assisted the institute in conducting numerous online meetings including senate, BoG etc for the smooth functioning of the institute during the pandemic.
- The new datacenter is upgraded with new servers.
- Provided LAN and WiFi connectivity to newly inaugurated Rushikulya Hall of Residence.
- Made arrangements at newly inaugurated Pushpagiri Lecture Hall Complex to conduct Hybrid Classes
- New ERP modules like leave management system, research scholar fellowship management, R&D project staff management.
- Adapted a system to have hybrid convocation and was successfully used in the last convocation. The same is used in this convocation

15. Graduates of the Year:

In this convocation 256 B.Tech., 36 Dual Degree, 153 M.Tech., 79 M.Sc., and 35 Ph.D. students will be receiving their degrees, totaling to 559.

Mr. DINESH MOHANTY, Computer Science and Engineering receives the coveted President of India Gold Medal for topping all B. Tech. branches.

Mr. SHIVAM HANDA, School of Mechanical Sciences receives the coveted Director's Gold Medal for topping all Dual Degree Programmes.

Mr. SASWAT KUMAR PANDA, School of Mechanical Sciences receives the coveted Director's Gold Medal for topping all M. Tech. specializations.

Mr. HITESH GUPTA, Atmosphere and Ocean Sciences (School of Earth, Ocean and Climate Sciences) receives the coveted Director's Gold Medal for topping all M. Sc. Branches.



The following students receive the Institute Silver medals for topping in their respective branches/specializations as shown below:

Institute Silver Medal for Topping in B.Tech. Programmes:

Dinesh Mohanty	Computer Science and Engineering
SudhanshuChoudhary	Civil Engineering
Kuldeep Gupta	Metallurgical and Materials Engineering
Ranjith K	Electrical Engineering
Jishnu Shankar Baruah	Mechanical Engineering

Institute Silver Medal for topping in M. Tech specializations:

Saswat Kumar Panda	School of Mechanical Sciences (Manufacturing Engineering)	
RohitDilip Agarwal	School of Electrical Sciences (Computer Science and Engineering)	
SusmitSubhransuSatpathy	School of Earth, Ocean and Climate Sciences (Climate Science and Technology)	
Kona Sai Vikas	School of Infrastructure (Water Resources Engineering)	
Soumyashree Bisoyi	School of Electrical Sciences (Power System Engineering)	
Shivangi Srivastava	School of Electrical Sciences (Electronics and Communication Engineering)	
Rajeeb Kumar Malik	School of Minerals, Metallurgical and Materials (Metallurgical and Materials Engineering) Engineering	

Institute Silver Medal for topping in M.Sc. disciplines:

	*
Hitesh Gupta	Atmosphere and Ocean Sciences
VikasmitaSamanta	Physics
Aditya Kumar	Chemistry
Rumki Ghosh	Mathematics
Bibhabasu Pradhan	Geology

The other endowment awards won by the students are shown below:

Dr. K. Kasturirangan Award (Best Male Graduate)	Dinesh Mohanty
Prof. P. Rama Rao Award (Best Lady Graduate)	AneriManoj Gandhi
Dinesh Memorial Award (Best B. Tech Thesis – Mechanical Sciences)	Akarsh Balachandran

17. Other Activities:

Besides the several programmes mentioned earlier in the report, the Institute observed and celebrated several events ranging from Swachh Bharat Programme, COVID-19 Vaccination Camp in Bhubaneswar and IIT Bhubaneswar Campus, Rashtriya Ekta Diwas, Vigilance Awareness Week, Hindi Pakhwada National Education Day, 72nd Republic Day, 13th Foundation Day, Matribhasha Diwas, World Philosophy Day International Women's Day, E-Summit, Almafiesta, AR-VR Conclave, Hackathon and Start-up Colloquium, Plantation drive on the eve of World Environment Day, 74th Independence Day, 7th International Yoga Day, Hindi Pakhwada, Fit India Cyclothon, Fit India Mini-Marathon and Walkathon. The events saw active participation of students, faculty and staff members by adhering to all the social distancing and safety protocols in view of COVID-19.

Acknowledgements:

This Institute and its entire activities could not have been achieved without the full participation and support of all stakeholders — our faculty, students and staff; agencies and industries sponsoring R&D and consultancy projects; professionals from other organizations and our alumni. The Institute is grateful to the Ministry of Education, Govt. of India for its continued and sustained encouragement and support.

Before I conclude, I congratulate all the graduating students, awardees and medal winners and wish all happiness, professional and successes towards achieving leadership in their chosen areas and fulfillment in their lives.

Jai Hind!

Professor R V Raja Kumar October 20th, 2021

MEDALS AND PRIZES

For Bachelor of Technology (B.Tech.) Graduates

INSTITUTE GOLD MEDAL

President of India Gold Medal



DINESH MOHANTY 17CS01051 Computer Science and Engineering

INSTITUTE SILVER MEDALS (Discipline Topper)



DINESH MOHANTY 17CS01051 Computer Science and Engineering



SUDHANSHU CHOUDHARY 17CE01020 Civil Engineering



KULDEEP GUPTA
17MM01010
Metallurgical and Materials
Engineering



RANJITH K
17EE01041
Electrical Engineering



JISHNU SHANKAR
BARUAH
17ME01014
Mechanical Engineering

MEDALS AND PRIZES

For Dual Degree Graduates

INSTITUTE GOLD MEDAL

The Director's Gold Medal



SHIVAM HANDA 16ME02021

B.Tech. in Mechanical Engineering and M.Tech. in Mechanical Systems Design

For Master of Technology (M.Tech.) Graduates

INSTITUTE GOLD MEDAL

The Director's Gold Medal



SASWAT KUMAR PANDA

19MF06017
Manufacturing Engineering

INSTITUTE SILVER MEDALS (School Topper)



SASWAT KUMAR PANDA 19MF06017

School of Mechanical Sciences (Manufacturing Engineering)



ROHIT DILIP AGARWAL 19CS06002

School of Electrical Sciences (Computer Science and Engineering)



SUSMIT SUBHRANSU SATPATHY

19CL06012 School of Earth, Ocean and Climate Sciences (Climate Science and Technology)



KONA SAI VIKAS 19WR06006

School of Infrastructure (Water Resources Engineering)



SOUMYASHREE BISOYI 19PS06014

School of Electrical Sciences (Power System Engineering)



SHIVANGI SRIVASTAVA 19EC06011

School of Electrical Sciences (Electronics and Communication Engineering)



RAJEEB KUMAR MALIK 19MM06007 School of Minerals,

Metallurgical and Materials
Engineering
(Metallurgical and Materials
Engineering)

MEDALS AND PRIZES

For Master of Science (M.Sc.) Graduates

INSTITUTE GOLD MEDAL

President of India Gold Medal



HITESH GUPTA 19CL05012

Atmosphere and Ocean Sciences

INSTITUTE SILVER MEDALS (Discipline Topper)



HITESH GUPTA 19CL05012 Atmosphere and Ocean Sciences



VIKASMITA SAMANTA 19PH05006 Physics



ADITYA KUMAR 19CY05001 Chemistry



RUMKI GHOSH 19MA05001 Mathematics



BIBHABASU PRADHAN 19GG05006 Geology

ENDOWMENT AWARDS

Prof. P. Rama Rao Award for the Best Lady Graduate

ANERI MANOJ GANDHI, 17CS01003

Computer Science and Engineering

❖ Dr. K. Kasturirangan Award for the Best Male Graduate

DINESH MOHANTY, 17CS01051

Computer Science and Engineering

 Dinesh Memorial Award for the Best B. Tech. Thesis – School of Mechanical Sciences

Akarsh Balachandran, 17ME01019

Mechanical Engineering

❖ Tejaswi Memorial Award for the Best B. Tech. Thesis – School of Electrical Sciences

ANERI MANOJ GANDHI, 17CS01003

Computer Science and Engineering

INSTITUTE PROFICIENCY IN PROJECT WORK PRIZES

(For the Best Project Work)

For B. Tech. Graduates

MANAV KUMAR SINGH,17CE01003

Civil Engineering

DINESH MOHANTY,17CS01051

Computer Science and Engineering

ARYAMAN SINHA,17EE01016

Electrical Engineering

KULDEEP GUPTA,17MM01010

Metallurgical and Materials Engineering

ARTH SOJITRA,17ME01008

Mechanical Engineering

For Dual Degree

NERELLA THANMAI,17CE02013

School of Infrastructure

SAI PRASATH S, 17CS02002

School of Electrical Sciences

GURUDEV SINGH,17MM02006

School of Minerals, Metallurgical and Materials Engineering

DESHMUKH ADVAIT JAYANT,17ME02001

School of Mechanical Sciences

For M. Sc. Graduates

ADITYA KUMAR, 19CY05001

Chemistry

VIKASMITA SAMANTA, 19PH05006

Physics

KOUSHIK BERA,19MA05011

Mathematics

RAKESH DASH,19GG05007

Geology

HITESH GUPTA,19CL05012

Atmosphere and ocean sciences

PROGRAMME WISE GRADUATION DATA 20 21

Doctor of Philosophy (Ph.D.)

School	No. of Students
School of Basic Sciences	09
School of Earth, Ocean and Climate Sciences	05
School of Electrical Sciences	11
School of Minerals, Metallurgical and Materials Engineering	03
School of Infrastructure	04
School of Mechanical Sciences	03
Total	35

Master of Technology (M.Tech.)

Disciplines	No. of Students
Climate Science and Technology	14
Computer Science and Engineering	13
Electronics and Communication Engineering	15
Environmental Engineering	03
Metallurgical and Materials Engineering	06
Mechanical Systems Design	17
Power System Engineering	17
Structural Engineering	04
Thermal Science and Engineering	17
Transportation Engineering	07
Water Resources Engineering	05
Geotechnical Engineering	05
Manufacturing Engineering	14
Power Electronics and Drives	16
Total	153

Master of Science (M.Sc.)

Disciplines	No. of Students
Atmosphere and ocean sciences	05
Chemistry	20
Geology	15
Mathematics	21
Physics	18
Total	79

Dual Degree

Disciplines	No. of Students
B. Tech. in Civil Engineering and M. Tech. in Structural Engineering	10
B. Tech. in Civil Engineering and M. Tech. in Transportation Engineering	06
B. Tech. in Mechanical Engineering and M. Tech. in Mechanical Systems Design	11
B. Tech. in Mechanical Engineering and M. Tech. in Thermal Science and Engineering	09
Total	36



Bachelor of Technology (B.Tech.)

Disciplines	No. of Students
Civil Engineering	44
Computer Science and Engineering	55
Electrical Engineering	51
Electronics and communication engineering	40
Mechanical Engineering	46
Metallurgical and Materials Engineering	20
Total	256
Grand Total	

DOCTOR OF PHILOSOPHY (Ph.D.)

School of Basic Sciences

13CY09007	PRAGIN C		14MA09002	SAMIT GHOSH	0
13PH09005	KUSHA KUMAR NAIK		14CY09006	ADITI NAYAK	A
13CY09009	SURAJ KUMAR		14CY09007	BALIJA SIVAKRISHNA	60
14CY09002	VIRENDRA KUMAR		S15CY09007	RICHA MISHRA	9
14MA09001	SONU RANI				

School of Earth, Ocean and Climate Sciences

14ES09012	MANISHA DAS	8	S15ES09007	SAMIRAN MANDAL	1
15ES09001	SUSHREE SOVA BARIK		S15ES09008	SAIKAT PRAMANIK	9

15ES09002	PINTU PRUSTY				
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School of Electrical Sciences

13EE09007	SIMHADRI VADREVU	(E)
14EE09001	PRAJNA PARIMITA MISHRA	
14EE09002	RUCHI DILIP KUKDE	A
15EE09002	KAMALAKANTA SETHI	
15EE09003	ANURAG PRIYADARSHI	
15EE09007	BISWAJIT SAHOO	

S15EE09010	MADHUKRISHNA PRIYADARSINI	
S15EE09011	SUMAN MALIK	3
S15EE09013	PRATIK KUMAR KAR	
S15EE09014	SHALINI	3
A16EE09008	NIKHIL KUMAR SHARMA	(E10)

School of Infrastructure

13CE09004	KRISHNA PADA BAURI	
13CE09005	BRUNDABAN BERIHA	9

14CE09006	ABHIJIT ROUT	(19)
14CE09012	SURAJ JENA	

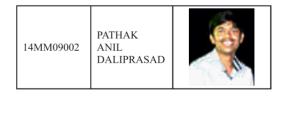
School of Mechanical Sciences

12ME09002	ANSUMAN PADHI	(B)
14ME09001	ARIJIT SINHABABU	9

A16ME09002	GANTA NAVEEN	

School of Minerals, Metallurgical and Materials Engineering

13MM09002	SILANI SAHOO	
13MM09003	RANJEET KUMAR SINGH	





MASTER OF TECHNOLOGY (M. Tech.)

Climate Science and Technology

19CL06001	SHOUVIK DEY	6	19CL06008	DIVYAM RAI	
19CL06002	KUMARI RASHMI	9	19CL06009	RAJESH KUMAR NAYAK	9
19CL06003	GAURAV GANJIR	P	19CL06011	BHANU PRATAP SINGH BHANDARI	9
19CL06004	SWADHIN SATAPATHY		19CL06012	SUSMIT SUBHRANSU SATPATHY	
19CL06005	ASHWANI KUMAR PATEL		19CL06013	ASHISH DWIVEDI	
19CL06006	DONDETI PRANAY REDDY	9	19CL06014	ANANDU RAJEEV	
19CL06007	SAURABH SINGH BHADAURIYA	P	19CL06015	UDDIPTO BANERJEE	

Computer Science and Engineering

19CS06001	NIHAR SAINEE	30
9CS06002	AGARWAL ROHIT DILIP	
19CS06003	MOHIT PRAJAPATI	600
19CS06004	MOHINI VAIJANATHRAO SARWADE	
19CS06005	SHIVANGI GUPTA	*
19CS06006	ROHIT SINGH	
19CS06008	SHOBHIT	

19CS06009	NAVEEN KUMAR BISAI	CO.
19CS06011	PRIYANKA	6
19CS06012	PRABHAT MAHATO	
19CS06013	SHASHI SHEKHAR	
19CS06015	TARUN	
19CS06018	ADEEBA FATIMA	E W

Electronics and Communication Engineering

19EC06001	SHEKOKAR MRUNALI DNYANDEO	19EC06011	SHIVANGI SRIVASTAVA	1
19EC06004	ABHISHEK KUMAR	19EC06013	BALIGAINI SRUJAN KUMAR	9
19EC06005	MAMTA KUMARI	19EC06014	AKASH KAOTHALKAR	3
19EC06006	POORNA CHANDRIKA KONDETI	19EC06016	ELA BHATTACHARYA	
19EC06007	DEBASHIS SAMANTA	19EC06017	OJASWEETA SINGH	
19EC06008	BATTULA PRAMEELA	19EC06018	SRIKANTH CHITTIMALLA	8
19EC06009	JASHASWINI BHUYAN	19EC06019	SIBA PRASAD DASH	
19EC06010	VADRA DHANA LAKSHMI			

Environmental Engineering

19EV06003	RUPAM BANDYOPADHYA Y	100
19EV06005	SHARDUL RAVINDRA NARDE	100

19EV06009	AVINASH KUMAR	

Metallurgical and Materials Engineering

19MM06001	RISHABH KUMAR CHANDRAKAR	S S
19MM06002	HARSHA PRASAD	
19MM06004	CHOUDHARI VARAD VIJENDRA	

19MM06005	NEERAJ KUMAR	
19MM06006	ATUL KUMAR	
19MM06007	RAJEEB KUMAR MALIK	9

Mechanical Systems Design

19SD06002	BHISE SHANTANU SUNILKUMAR	0,
19SD06003	SACHIN PATEL	G

19SD06011	SANGADI DILEEP VENKATA NAG	
19SD06013	ADITYA PRAKASH	

19SD06004	VIKAS KUMAR GUPTA	
19SD06005	PRAVESH KUMAR SINGH	9
19SD06006	MUKKA ROHIT	
19SD06007	K SAIRAJ ACHARY	
19SD06008	SWAGAT LENKA	(B)
19SD06009	SAKSHI KANOJE	
19SD06010	PATEL DHARMENDRA CHANDRAKANT	9

19SD06014	SHASHI KANT	7
19SD06015	DEEPAK KUMAR	
19SD06016	PRASAD SRICHANDAN DALEI	
19SD06017	VINAY KUMAR SONI	8
19SD06018	NIHAR RANJAN SAHOO	S
19SD06019	MANISH GUPTA	

Power System Engineering

19PS0	6001	RAJ KUMAR VERMA	
19PS(06002	MALUGU VINAY KUMAR	(de)

19PS06011	MK KHARABELA MOHANTA	
19PS06012	TELANG SUMEDH DILIP	

19PS06003	SMRUTIRANJAN MOHAPATRA	Set
19PS06004	SOMYA RANJAN SINGH	
19PS06005	VOOTLA BHAVANA	0
19PS06006	TAPAN KUMAR NAYAK	
19PS06008	SIDDHANT DAS	9
19PS06009	RATIRANJAN BEHERA	9
19PS06010	MANISH RANJAN	9

19PS06013	SHREEVA PATTNAIK	
19PS06014	SOUMYASHREE BISOYI	
19PS06015	ABHA SAXENA	
19PS06018	ARPAN BANERJI	
19PS06019	MANAMOHAN MISHRA	9
19PS06020	K SHIVA KUMAR	

Structural Engineering

19SE06004	SOMANI SHUBHAM PRAVIN	
19SE06008	NIDAMANENI HARISH	

19SE06009	SUVASHREE KHATUA	
19SE06011	VED PRAKASH	

Thermal Science and Engineering

19TS06002	JAYDEEP NARENDRA KARVE	To the second	19TS06011	SATYANARAYAN PANDA	3
19TS06003	MANSHU AGRAWAL		19TS06012	GHOGHARI MEHUL SURESHBHAI	
19TS06004	BISWARANJAN DAS		19TS06013	JOSHI DEVAM GUNVANTRAY	2
19TS06005	KORI PAVAN SHARANAPPA		19TS06014	HIMANSHU DAHIRE	8
19TS06006	JIBIN M JOY		19TS06016	PRASANNAJEET KADAM	
19TS06007	ABHISHEK KUMAR		19TS06017	ATHAWALE VIDULA UNMESH POOJA	
19TS06008	MARTHALA MAHANANDI GURUPRAHLAD A REDDY	8	19TS06018	HIMANSHU PAL	9
19TS06009	AMIT KUMAR	9	19TS06019	KRISHNA KUMAR MISHRA	8
19TS06010	AMBEKAR SHIVAM SANJAY				

Transportation Engineering

18TE06001	AMRIT GAJENDRA	
19TE06003	RAJAN SINGH BAGHEL	8
19TE06005	RUPAM RAMAKANT FEDUJWAR	1
17TE06007	SOUMYA RANJAN MAHARANA	Co

19TE06006	ARKA DEY	
19TE06007	RANJAN SHARMA	ALL DE
19TE06008	ABHISHEK SINGH	(De

Water Resources Engineering

19WR06002	TRUPTI SATAPATHY	
19WR06003	SHITIKANTHA PARHI	9
19WR06004	PRANAV KUMAR	

19WR06006	KONA SAI VIKAS	
19WR06007	ALLE PREETHI	

Geotechnical Engineering

19GT06005	MARIA JAMES	
19GT06006	SANGEETA YADAV	
19GT06007	DESHPANDE TANMAY DEVDATTA	

19GT06008	SHIVESH KUMAR	(B)
19GT06009	AMRITESH KUMAR PANDEY	

Manufacturing Engineering

19MF06001	ABHISHEK KUMAR	
19MF06002	RISHABH RAJ SRIVASTAVA	ACT)
19MF06004	VIPUL SHARMA	100
19MF06005	ANINDYA ANKAN DAS	
19MF06007	KORUPOLU YERNI SURYA DILEEP KUMAR	9

19MF06011	AKASH GAUTAM	(B)
19MF06014	PANKAJ KUMAR SUMAN	1
19MF06015	MAYUR MISHRA	
19MF06017	SASWAT KUMAR PANDA	
19MF06018	SURAJ ANIL SURYAWANASHI	

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19MF06009	KUNDAN KUMAR	9
19MF06010	DHARAM BHANU PRASAD	

19M	F06019	AMRITESH MOHAPATRA	9
19M	F06020	S ABDUL AZEEZ	

Power Electronics and Drives

19PD06001	AKASH DEEP	
19PD06003	PRAGYA NAND SINGH	
19PD06004	SAHU MITHUN	
19PD06005	PRABHATA BEHERA	
19PD06006	SUBHAM PANIGRAHI	
19PD06008	KONDALA NARESH	
19PD06009	DHARMANA REVATHI	9

19PD06011	SAТҮАМ JHA	
19PD06012	GAURAV SUMAN	
19PD06013	ARKA BASU	
19PD06014	SACHIN KUMAR SHUKLA	
19PD06015	SUNKARA POORNA SAICHAND	3
19PD06016	RAKESH KUMAR RAI	8
19PD06017	DEEPSHIKHA	

19PD06010

SUDIPTA Pany



19PD06018

CHAKILAM BHARATH



MASTER OF SCIENCE

Atmosphere and Ocean Sciences

19CL05005	NIBEDITA PATRA	
19CL05007	DEBJIT PAUL	
19CL05012	HITESH GUPTA	

19CL05017	VISHAL LAKRA	9
19CL05020	PRIYAMVADA PRIYA	

Chemistry

18CY05014	BALDEV	
19CY05001	ADITYA KUMAR	
19CY05002	BALAKA BHUNIYA	

19CY05011	CHOUGULE PRAJAKTA SURYAKANT	
19CY05012	SOUVIK DUTTA	00
19CY05013	BHABANI MALAKAR	0

10th Annual Convocation Ceremony

19CY05003	SATARUPA GUPTA		19CY
19CY05004	MANIKANT	9	19CY
19CY05006	JUHI SINGH		19CY
19CY05007	ROHIT CHANDOLA	0	19CY
19CY05008	C V NARAYANAN	3	19CY
19CY05009	SUBHENDU SARKAR		19CY
19CY05010	UTKARSH MISHRA	3	19CY

19CY05014	SONAM	9
19CY05015	SHIVANI THAKUR	
19CY05016	KOLA PAWAN KUMAR	•
19CY05017	RAGHUNATH DAS	
19CY05018	SUBHANKAR BODAK	40
19CY05019	JIBAN SARKAR	2
19CY05021	MADHUSMITA GAMANGA	

Geology

19GG05001	PRAMINDRA KUMAR	
19GG05002	DEBASHISH SAHU	LEWY ST

19GG05014	SUPRAVATA PAGAL	
19GG05015	VIVEKANAND SAHOO	9

19GG05004	ABHISEK DASH		19GG05016	NIHAL	
19GG05005	KISAN KUMAR NAYAK		19GG05017	SOUMI HALDER	
19GG05006	BIBHABASU PRADHAN	C	19GG05018	ASHIS KUMAR DAS	
19GG05007	RAKESH DASH	2	19GG05019	CHONGTRE SHYLLA	
19GG05011	ABHILASH GHANA	9	19GG05020	SAMAY MURMU	
19GG05012	SAMBIT DALAI	e ATTA			

Mathematics

19MA05001	RUMKI GHOSH	Section 1	19MA05012	NILKANTH ZADAFIYA	9
19MA05002	ARCHITA TIWARI		19MA05013	VIVEK	

19MA05003	SAIKAT GIRI		19MA05014	MALI MAYURESH RAGHUNATH	9
19MA05004	ANIL KUMAR AGRAWAL		19MA05015	MANOJ KUR	3
19MA05005	BIKRAM MISRA		19MA05016	SAHIBA	9
19MA05006	JAVED KHAN PATHAN		19MA05017	SONU KUMAR	
19MA05007	HITENDRA GARG	9	19MA05018	VISHAL KUMAR	9
19MA05008	PARMESHWAR GUPTA	off in	19MA05019	JIBAN CHOWDHURY	0
19MA05009	SANJANA VERMA		19MA05020	BIHARELAL MEGHWAL	
19MA05010	HARSHIT JAIN	9	19MA05022	PARAMESWAR BASUMATARY	
19MA05011	KOUSHIK BERA	9			

Physics

18PH05006	KUMKUM PRIYADARSINI KANDAMAK	1	19PH05010	SUBHRAJIT SAHOO	
19PH05001	ANEESHA GUPTA		19РН05011	MONMOY MOLLA	3
19РН05002	SOURAV BISWAS		19РН05012	HARISHANKAR SUMAN	
19РН05003	SWARNENDU MAITY	9	19РН05013	DEVENDRA KUMAR SAINI	
19РН05005	MRITYUNJAY GOSWAMI		19РН05014	BHAVNA SHARMA	(90)
19РН05006	VIKASMITA SAMANTA		19РН05016	ANNU GARHWAL	
19PH05007	SUDHIR GHOLAP	0	19РН05018	MOHIT KUMAR MEENA	
19РН05008	KUSHAGRA BHARGAVA		19РН05019	TULSIRAM MADKAMI	
19РН05009	RESHMA MENON R		19PH05020	VINEETA BHARDWAJ	

DUAL DEGREE

B. Tech. in Civil Engineering and M. Tech. in Structural Engineering

16CE02001	L PRITHIVIRAJ SINGH	
16CE02002	UDIT NARAYAN	
16CE02005	VIPUL JAIN	
16CE02006	SHIPRA RAJPUT	7
16CE02007	SADASIV S G	

16CE02009	ADITYA PARPE	
16CE02010	YOGESH MEENA	
16CE02011	SWATANTRA SINGH CHAUHAN	CEA
16CE02014	KAUSHAL RAJ SINGH BHATI	
16CE02015	RAHUL KUMAR JHA	

B. Tech. in Civil Engineering and M. Tech. in Transportation Engineering

16CE02013	SHIVAM SETHI	
16CE02016	ASHISH ANAND	
16CE02017	HEMANT MANDAINIYA	

16CE02018	SANDEEP KUMAR	To the second se
16CE02019	AJAY JATOLIYA	9
16CE02020	SUMIT KUMAR BAITHA	

B. Tech. in Mechanical Engineering and M. Tech. in Mechanical Systems Design

16ME02001	BANGALE ADWAIT RAJENDRA	
16ME02002	MANAS BAGAI	S
16ME02003	POLURI BHARADWAJ REDDY	
16ME02004	RAMIT ASHUTOSH MACHHAN	
16ME02005	JISHNU A K	S
16ME02007	AYUSH RAJ ARYA	

16ME02008	KARRA VENKATA SUMANTH	8
16ME02009	KHETHAVATH DEEPAK	
16ME02010	KATAM RISHWANTH	
16ME02020	CHIRAG CHIRANJIB	
16ME02021	SHIVAM HANDA	8

B. Tech. in Mechanical Engineering and M. Tech. in Thermal Science and Engineering

16ME02012	BHARATH RAM	
16ME02013	SACHIN KUMAR SINGH	1

16ME02017	VIKAS BHUPARIA	Son.
16ME02018	AMBOLKAR MANTHAN RAMNATH	

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16ME02014	SANJAY SRINIVAAS M R	9
16ME02015	PODILI SAI DEEKSHITH	
16ME02016	ABHISHEK ANAND	

16ME02019	AJAY KUMAR MEENA	
16ME02022	GAURAV KHANDELWAL	(1)



BACHELOR OF TECHNOLOGY (B. Tech.)

Civil Engineering

			_			
16CE01037	VIPPARTHI RAVANTH KUMAR	9		17CE01032	AMIT KUMAR	2
17CE01004	ADDANKI SREE TEJ			17CE01033	BHAUMRAJ	
17CE01005	KOMMANAMANCH I RAVI SANKAR	8		17CE01034	PRANESH	
17CE01007	PRATIK KUMAR SAHOO	9		17CE01035	ABHISHEK KUMAR YADAV	
17CE01008	BORADE ABHISHEK RAMESHWAR	9		17CE01036	ADITYA ANUPAM	9
17CE01010	AYUSH JHA			17CE01038	AMAN KUMAR	3
17CE01011	GAURAV KUMAR SINGH			17CE01039	SANDEEP SINGH	
17CE01014	ARVAPALLI SATWIK VIGNESH			17CE01040	SANDEPOGU JAYA PRAKASH	
17CE01015	MAYANK CHAKRAVARTY CHOUDHARY			17CE01041	KANDHUKURI BHANUTEJA	9

17CE01018	ANAND KUMAR DUBEY	
17CE01019	ADITYA PRAKASH JHA	9
17CE01022	ANUJ KUMAR SINGH	
17CE01026	SANDEEP KUMAR	03
17CE01027	VELAGAPUDI SURYA SANDEEP	
17CE01028	ANOOJ UNNIKRISHNAN	
17CE01029	JASWANT SINGH	
17CE01030	UPPALAPU NANDITHA	
17CE01031	RAMESH CHOUDHARY	9

17CE01042	SOUVIK RAY	9
17CE01043	HITENDRA KUMAR SONKAR	
17CE01044	ASHUTOSH KUMAR	(B)
17CE01045	BUSI SAHITHI	0
17CE01046	GUTTA GOWTHAM	
17CE01047	DHANAVATH BALAJINAIK	(3)
17CE01048	LAVUDIYA ARAVIND NAYAK	Co
17CE01049	MANURAJ SINGH	

Computer Sciences and Engineering

14CS01041	GANESH KUMAR	
15CS01004	ATMUDI RAMA CHETAN	0
16CS01033	ARGHYANIL JANA	
17CS01002	JAMMULA SANDEEP	
17CS01004	CHITTLU VENKATA SATYA MURALI KRISHNA	1
17CS01006	SUNKARI KARTHIK	
17CS01007	ZANWAR PRAKASH SANJAY	
17CS01008	KODALI NAGA SAI KRISHNA	
17CS01012	KARRA NIKHITA REDDY	

17CS01030	ANUMULA NITHYA SRI	9
17CS01031	PEDAPUDI RAVI TEJA	9
17CS01032	PRASHANT KUMAR SINGH	
17CS01033	KAVI KUMAR KUNDAN	
17CS01034	CHINTA VENKATA AMARENDRA	
17CS01035	DANABOINA SUVIDHA	(F)
17CS01036	VORUGONDA VISWANTH	8
17CS01038	DASARI ASHISH	9
17CS01039	AMAR KUMAR AGRAWAL	

10th Annual Convocation Ceremony

17CS01015	DEEP PATHAK	
17CS01016	ANUJ KUMAR GOYAL	
17CS01018	K KIRAN	
17CS01019	YASH JAIN	9
17CS01021	SHAIK SHAHID AFRID	
17CS01022	YEDUGURI GANGASUNIL REDDY	8
17CS01023	PALVAI SAI BHARATH REDDY	9
17CS01024	SAI PRATYUSH CHERUKURI	5
17CS01026	YARAGANI ADITHI	
17CS01027	HRISHABH YADAV	9

17CS01029	SUJEET BORAN	(Do
17CS01040	GUNTRU SUKUMAR	9
17CS01041	BHASKAR JYOTI DAS	
17CS01042	KARAVADI RAVI CHANDRA	
17CS01043	ANKUR MAZUMDER	2
17CS01044	MEDANKI NISHANTH	9
17CS01045	CHATRAGADDA SATWIK	
17CS01046	K ANEESHA	9
17CS01047	TENALI YASWANTH	
17CS01048	ANAL PAYENG	

17CS01028

VOGGU SHANMUKHA SRINIVAS



17CS01049

ERUKALI HAREESH



Electrical Engineering

15EE01037	PORANKI SAI SINDHU	9
16EE01032	BISHAL KEOT	
16EE01039	RAMESHWAR PRASAD MEENA	
16EE01040	ABHISHEK DAWACHYA	
17EE01001	RAJIL KANSAL	
17EE01002	SAYED WAJAHATULLAH	ę.
17EE01003	LAL KRISHNA	
17EE01005	BHARGAVA KRISHNA TANKASALA	1

17EE01025	MOHAMMAD ABDURRAB A RASHID	8
17EE01026	RAHUL SHIVNARAYAN GUPTA	2
17EE01028	NITHAJ R	
17EE01029	MADDI VAMSHI KRISHNA	
17EE01030	PEELA GOWRI SIVARAM	
17EE01031	VIDYASAGAR ROUTHU	
17EE01032	REKADI DURGA KALYAN VARMA	9
17EE01033	NEERAJ SINGH	9

10th Annual Convocation Ceremony

17EE01006	VEMULA CHARAN RAYA DHANUSH			17EE01035	NISHANT MAURYA	9
17EE01008	MARKONDAPATNA IKUNI SAI VENKATA SUMANTH	9		17EE01036	SOMU KUMAR	
17EE01009	KOTAMRAJU SAI BRUHATH	1		17EE01037	YERRA YASHWANTH KUMAR	9
17EE01010	POGARU SURYA SAI SUMANTH			17EE01039	KALYANAM SRIKANTA	THE REAL PROPERTY.
17EE01011	ARAVA RATNA JAGADEESH			17EE01040	GUNDETI SHIVA HARI	BRINATH
17EE01012	MANGAMURI ESWAR SAI PRASAD			17EE01042	PRIYANSHU MESHRAM	
17EE01014	VEDANT GUPTA	8		17EE01043	RISHIKESH VEPURA	
17EE01015	VALLURI VAMSI RAM			17EE01044	PRIYA	9
17EE01018	KOPPULA NITISHA			17EE01045	BODDU RAJA SUMANTH	9
17EE01020	KANKATALA SATYA SRIRAM	3	,	17EE01046	DWIPJYOTI SARKAR	

17EE01021	TANGUDU SANJAY	9
17EE01022	DASARI RAJESH MANI KUMAR	
17EE01023	SHINDE UJJWAL ANIL	LUMANA SHUL WATERING
17EE01024	YUKTA PARAG BUTALA	

17EE01047	KYADIGA HARSHA VARDHAN KUMAR	9
17EE01048	ISLAVATHU BHANU CHANDRA NAIK	
17EE01049	GUGULOTH NAVEEN	
17EE01050	PAVAN GUGULOTH	TOP

Electronics and Communication Engineering

16EC01034	KAKARA AKASH	
16EC01036	K SUDEK	Co.
16EC01038	TULASI THUDUMU	
17EC01001	ABBINENI PAVAN DATTA	
17EC01003	VAKA LOKESH REDDY	

17EC01020	KANCHARLA BHAVANA	
17EC01021	GANDI YASWANTH SAI	
17EC01014	RAJURI ANISH	
17EC01023	CHINTHALA SRUJAN	
17EC01025	GOURISETTI RAVI TEJA	1

10th Annual Convocation Ceremony

			_			
17EC01004	VADDINENI SRI LAYA	9		17EC01026	POTALA RAAJITHA	
17EC01005	SOUMYA KANTI BERA	B		17EC01027	PATOJU SAILAJA	
17EC01006	VEMULA PRASANTH KUMAR			17EC01029	CHEEPURI VENKATA VAMSI	2
17EC01007	ARUNAV JYOTI OJAH	(E)		17EC01031	PUTSALA ADITYA	8
17EC01008	A SAI MADHAV	9		17EC01034	KUSUMA RAHUL SIDDARTHA SAKYA	
17EC01009	ARHAM JAIN			17EC01036	GUDA MRUDHUL	-
17EC01010	JATIN SADHWANI	9		17EC01037	SHOBHIT SAHOO	
17EC01016	RAJAM ASHISH			17EC01038	TELLAM RAMBABU	9
17EC01018	BOMMANA ASHISH REDDY	0		17EC01040	MUKIRI SRI CHARAN	

Mechanical Engineering

17ME01001	UPPALAPATI HARIKRISHNA	6
17ME01003	G MEENAKSHI SUNDARAM	
17ME01006	THOTA VENKATA BHAVANI SANKAR GOPAL	
17ME01010	LAGHUVARAPU BALA SATYANARAYANA	
17ME01011	THADASINA ARAVIND SAI REDDY	
17ME01015	SHUBHAM KUMAR AGRAWAL	3
17ME01016	CHIRRAVURI SHIREEN MEHER	
17ME01021	THUMMALA TARUN SAI	

17ME01034	BHASKAR KISHOR	
17ME01036	BHEEMANAPALL Y SHASHI KUMAR	
17ME01037	YASWANTH S	0
17ME01038	YASH KRISHNA PHIRKE	
17ME01039	NAVANEETH RAJAN	
17ME01040	GUNA SEKHAR DONDAPATI	9
17ME01041	ABHISHEK KUMAR	(3)
17ME01042	SHUBHAM KUMAR	

10th Annual Convocation Ceremony

			ſ			15 C 18
17ME01022	ABBURU RAHUL NAIDU			17ME01043	PUSPENDU DAS	
17ME01023	NATANI RAGHUNANDAN			17ME01044	CHARY SAI TEJA	3
17ME01026	LOKESH VINOD GULHANE			17ME01045	POLAMURI VARSHITH	
17ME01027	KALLEPALLI HEMANTH			17ME01046	VISHAL KUMAR	1
17ME01028	RONGALI TULASI RAM TARUN			17ME01047	AMGOTH SHYAM KUMAR	
17ME01029	YARRABOLU N PAVANA PRIYA	3		17ME01048	P RAHUL	9
17ME01030	PALAVALASA RAHUL YOGANAND	9		17ME01049	KARAM SAIKUMAR	
17ME01031	KALASH TALLUSINGH PATLE	3		17ME01050	GUGULOTH TARUN	8
17ME01032	KATTA NITEESH	9				

Metallurgical and Materials Engineering

16MM01006	RAJ NANDAN		17MM01013	K RAHUL	
16MM01014	NIKHIL B		17MM01014	PINNINTI VASU	
16MM01018	JINTU GOYARY	9	17MM01015	BUDI SRAVAN KUMAR	
17MM01001	SARTHAK PATNAIK		17MM01016	VINAY JITENDRA AHIR	
17MM01003	YOGESH SARMA SEDAI		17MM01017	PROSENJIT DAS	To the second
17MM01004	AMAL MATHEW JAMES		17MM01018	SANJEET UMASHANKAR CHANDRA	
17MM01009	ASHUTOSH KESHARWANI		17MM01020	HANSRAJ PEGU	
17MM01011	ALLA LOHITH	3	17MM01021	PRITAM DAS	-

BACHELOR OF TECHNOLOGY (HONOURS)

Civil Engineering

17CE01002	RITURAJ SINGH	
17CE01003	MANAV KUMAR SINGH	
17CE01009	PUTREVU MANASA	
17CE01012	SHASHANK SHEKHAR MISHRA	
17CE01013	THOGARCHETY RAMAA PRATYUSHA	

17CE01017	ANJALI AGRAWAL	
17CE01020	SUDHANSHU CHOUDHARY	(B)
17CE01023	GANDHARV MAHAJAN	Box
17CE01024	ADITYA NAYAK	

Computer Science and Engineering

17CS01001	SOURABHA BHARADWAJ B M	9
17CS01003	ANERI MANOJ GANDHI	North In
17CS01005	KATTA VISHNU VARDHAN REDDY	1

17CS01020	N HARSHITH	
17CS01025	DARA YASWANTH SAI PAVAN KUMAR	100
17CS01051	DINESH MOHANTY	(9)

17CS01009	ABHISHEK MISHRA	
17CS01011	SUNKISHALA KARTHIK	
17CS01013	MOLUPOJU HARSHA VARDHAN	
17CS01014	VALIVETI BALA SAI PAVAN KUMAR	9
17CS01017	ADITYA AGRAWAL	9

17CS01052	AMBARISH KUMAR BANERJEE	(Bio)
17CS01053	SHRUTI PATTAJOSHI	
17CS01054	AVAS ANSUMAN	
17CS01055	SUMIT KUMAR	Con

Electrical Engineering

17EE01007	PATAN AYAZULLA KHAN	9
17EE01016	ARYAMAN SINHA	6
17EE01019	REYA SADHU	9

17EE01051	MILIND MILAN SINGH	(D)
17EE01052	THADAKAMALLA KAVYA SRI	
17EE01041	RANJITH K	9

17EE01038

POTNURU ABHISHEK





Electronic and Communication Engineering

17EC01011	ANVESH GUPTA	
17EC01015	PRASANJIT RATH	
17EC01017	BITAN SARKAR	
17EC01022	VIKASH GUPTA	GA .
17EC01024	SIRISETTI KARTEEK	
17EC01035	SOUMYADEEP MANDAL	

17EC01041	CHANAKYA AJIT EKBOTE	
17EC01042	G PRUTHVI TRINADH	
17EC01043	JATIN KHARE	(3)
17EC01044	VATSALYA CHAUBEY	
17EC01045	SUDIPTA GYAN PRAKASH PRADHAN	P
17EC01046	SAURABH ROYCHOWDHURY	

Mechanical Engineering

17ME01002

PEDDINTI RAGHAVENDRA DHEERAJ



17ME01014 JISHNU SHANKAR BARUAH



17ME01004	APPALA PAVAN KALYAN	1
17ME01005	RAHUL R	3
17ME01007	SAIF ALI KHAN	(406)
17ME01008	ARTH SOJITRA	
17ME01009	S RASHMI REDDY	1
17ME01013	CHALLA SAI	

17ME01018	S NIRANJAN	(D)
17ME01019	AKARSH BALACHANDRAN	
17ME01025	AAKASH RAJESH	
17ME01033	RAPARTHI SURESH KUMAR	190
17ME01035	UJWAL DEEPAK SHENDE	(III)

Metallurgical and Materials Engineering

17MM01007	TANMAY GARG	
17MM01010	KULDEEP GUPTA	Con

17MM01012	PARIDA HIMANSHU PRAKASHCHANDRA	
17MM01019	SHIBU MEHER	9

BOARD OF GOVERNORS

Chairman

	1
Dr. Rajendra Prasad Singh	Former Chairman & Managing Director, Power Grid Corporation and Independent Director, Azure Power Global Ltd.
Members (IIT Council Nomin	ee)
Prof. V K Tewari, (Ph.D. (Engg.)	Prof., IIT Kharagpur Kharagpur - 721302 (WB)
Dr. Rakesh Ranjan	Additional Secretary (TE), Ministry of Education Shastri Bhawan, New Delhi - 110 115
Cdr. V.K. Jaitly, INS (Retd .)	Chairman, C-cube Consultants, New Delhi- 110077
Members (Govt. of Odisha No	ominee)
Shri Hemant Sharma, IAS	Principal Secretary, Skill Development & Technical Education Govt. of Odisha Bhubaneswar -751 001
Members (Ex-Officio)	
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Members (Senate Nominee)	
Prof. N. C. Sahoo	Professor, School of Electrical Sciences IIT Bhubaneswar
Prof. Saroj Kumar Nayak	Professor, School of Basic Sciences IIT Bhubaneswar
Secretary	
Shri Debaraj Ratha	Registrar In - Charge IIT Bhubaneswar



ANNUAL CONVOCATION DATES

Convocation	Chief Guest	Convocation Date
1 st	Dr. Anil Kakodkar, Former Chairman, Atomic Energy Commission of India	31 st August 2012 Friday
2 nd	Shri Pranab Mukherjee, The Honorable President of India	7 th September 2013 Saturday
L and L(SA to RM) and Secretary.		18 th October 2014 Saturday
Smt. Smriti Zubin Irani, The Minister of Human Resource Development and Chairman, IIT Council		12 th September 2015 Saturday
5 th Prof. Surendra Prasad, Chairperson, National Board of Accreditation (NBA), (Former Director, IIT Delhi)		30 th August 2016 Tuesday
6 th Shri Ram Nath Kovind The Honorable President of India		18 th March 2018 Sunday
7th Prof. Ashutosh Sharma, Secretary, Department of Science and Technologovernment of India		22 nd September 2018 Saturday
Dr. K. Sivan Chairman, Indian Space Research Organization Government of India		21 st September 2019 Saturday
9 th Shri Ramesh Pokhriyal 'Nishank' The Minister of Education and Chairman, IIT Council		4 th December 2020 Friday
Shri. NR Narayana Murthy Founder & Chief Mentor of Infosys Technologies Limited.		20 th October 2021 Wednesday

Chairman, Convocation Committee

1	Prof. Subhasish Tripathy	1st Convocation, 2012
2	Prof. Subhasish Tripathy	2nd Convocation, 2013
3	Prof. Nirod Chandra Sahoo	3rd Convocation, 2014
4	Prof. Ratnam V. Raja Kumar	4th Convocation, 2015
5	Prof. Ratnam V. Raja Kumar	5th Convocation, 2016
6	Prof. Ratnam V. Raja Kumar	6th Convocation, 2017
7	Prof. Ratnam V. Raja Kumar	7th Convocation, 2018
8	Prof. Ratnam V. Raja Kumar	8th Convocation, 2019
9	Prof. Ratnam V. Raja Kumar	9th Convocation, 2020
10	Prof. Ratnam V. Raja Kumar	10th Convocation, 2021

Chairman, BOG, IIT Bhubaneswar

1	Shri B. Muthuraman Vice Chairman, Tata Steel Limited Bombay House, 24, HomiMody Street Mumbai – 400 001	July 22, 2008 - October 14, 2009
2	Prof. P. Rama Rao Chairman Governing Council, International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Balapur PO, Hyderabad – 500 005	October 15, 2009 - November 1, 2012
3	Shri Sushil Kumar Roongta Chairman, Bharat Aluminium Co. Ltd. (BALCO) Head Aluminium & Power Business, Sesa Sterlite Limited Core-6, 3rd Floor, SCOPE Complex, Lodhi Road, New Delhi-110 003	November 2, 2012 - November 1, 2015
4	Prof. Ratnam V. Raja Kumar As Director, IIT Bhubaneswar [As per the provisions of Statutes 9(16)]	November 2, 2015 - October 10, 2016
5	Shri Pankaj Ramanbhai Patel Chairman and Managing Director, Cadila Healthcare Limited, Ahmedabad	February 11, 2016 - February 10, 2019
6	Prof. Ratnam V. Raja Kumar As Director, IIT Bhubaneswar [As per the provisions of Statutes 9(16)]	February 11, 2019 - August 27, 2020

7	Dr. Rajendra Prasad Singh	
	Former Chairman & Managing Director,	August 28,2020 -
	Power Grid Corporation and	Continuing
	Independent Director, Azure Power Global Ltd.	

Directors, IIT Bhubaneswar

1	Prof. Damodara Acharaya Director, IIT Kharagpur & Acting Director, IIT Bhubaneswar	July 22, 2008 - May 19, 2009 (AN)
2	Prof. Madhusudan Chakraborty Director	May 19, 2009 (AN) - May 18, 2014 (AN)
3	Prof. Madhusudan Chakraborty Acting Director	May 19, 2014 (FN) - August 18, 2014 (AN)
4	Prof. Sujit Roy Acting Director	August 18, 2014 (AN) - April 21, 2015 (AN)
5	Prof. Ratnam V. Raja Kumar Director	April 22, 2015 (FN) - Continuing

Sub-Committees for the 10th Convocation 2021

Chairman: Hon'ble Director

Convener: Dean (Academic Affairs)

Sl. No.	Sub- Committee	Principal Member(s)
1	Convocation Programme Planning	Chairman
2	Convocation Hall/Venue, Dias Preparation and arrangement of Physical facilities	1. Chairman 2. PIC (Civil Works) – Coordinator 3. PIC (Electrical Works) 4. Superintendent Engineer (Civil) 5. Executive Engineer (Civil) 6. Asst. Executive Engineer (Electrical)
3	Academic Matters: (Certificates, Transcripts, Medals, Folders, Convocation Stoles and Gowns, Convocation Brochure etc.)	1. Dean (Academic Affairs)—Coordinator 2. Dr. Remya Neelancherry 3. Dr. Kiranmayi Landu 4. Dr. Soumya Prakash Dash 5. Assistant Registrar (Academics) 6. OSD (Academics) 7. Mr. Chandra Vadde 8. All Academic Section Staff
4	Electronic backdrop, Banner: (Standee design, Gate etc.)	1. Dr. S. N. Panigrahi—Coordinator 2. Dr. Venugopal A 3. Dr. K. R. Mangipudi 4. Dr. S. R. Kannan 5. Dr. G. Bartarya
5	Online organization of Convocation and Floor Management (of Invitees, degree recipients and audience) in the Con vocation Hall	1. Dr. Bharat Ramkumar, Chairman, CITSC - Coordinator 2. Dr. S. Mohapatro 3. Dr. Devesh Punera 4. Dr. Olive Roy 5. System Engineer 6. Programmer 7. Dr. K. R. Mangipudi 8. Dr. Srinivas Ramanujam 9. Dr. Y. K. Singh

		1.Dr. Srinivas Karanki – Coordinator
6	Electronic Floor Management (Student picture display)	Faculty Advisers of outgoing batch: 2. Dr. Remya Neelancherry 3. Dr. Chandrasekhar P 4. Dr. Sudipta Saha 5. Dr. Debapratim Ghosh 6. Dr. M.K. Das 7. Dr. A. Mandai 8. Dr. Pattabhi Rama iah Budarapu 9. Dr. Venugopal Arumuru 10. Dr. Goutam Mandai 11. Dr. Debasis Basu 12. Dr.Debadatta Swa in 13. Dr. N. B. Puhan 14. Dr. S. Mohapatro 15. Dr. P. L. Bera 16. Dr. Dipankar De 17. Dr. R. B. Patta bhi 18. Dr. Aniban Bhattacha rya·: 19. Dr. G. Bartarya 20. Dr.Ramakrushna Sa bat 21. Dr.Manaswini Behera 22. Dr. Arindam Sa rkar 23. Dr. Sumanta Haldar 24. Dr. Kousik Samanta 25. Dr. Vasudev Rao Allu 26. Dr. Niharika Mohapatra 27. Dr. Yengkhom Kesorjit Singh 28. Dr. Sourav Sil Help Desk: 29. Dr. K Ram 30. Dr. Raj Kumar Singh 31. Dr. Sourav Sil 22. Dr. Manikandan 33. Dr. H Rao 34. Dr. Suni l P 35. Sri Ramakrishna Pantangi 36. Sri Sonu Kumar Goyal
7	Electronic Screen Management	1.Dr. Debi Prasad Dogra 2.Dr. Srinivas Pinisetty (CITSC team will assist the Coordinator)
8	Dias Management	1. Dr. Rajan Jha- Coordinator 2. Dr. S. Gollapudi 3. Dr. Venugopal A 4. Dr. Raj Kumar Singh 5. Dr. Manaswini Behera
9	Accommodation and Overall Arrangement for VIPs and Guests and management	 Prof. S. Roy- Coordinator Dr. Mihir Kumar Pandit Joint Registrar Asst. Registrar (Establishment)

		1. PIC (Electrical Works) - Coordinator
1.0		2. Dr. Barathram. Ramkumar
10	Electricity and Audio Facility	3. Asst. Executive Engineer (Electrical)
		4. Mr. Sanku Das
		1. Registrar I/c- Coordinator
11	Finance	2. Joint Registrar
		3. OSD (F & A)
		1. Registrar I/c- Coordinator
		2. Joint Registrar
12	Invitation (including card printing	3. Dr. Sasidhar Kondaraju
12	and distribution	4. Dr. B. Hanumantha Rao
		5. Dr. Amrita Satpathy
		6. Asst. Registrar (Establishment)
		1. Registrar I/c- Coordinator
13	Video and Still Photography	2. Joint Registrar
		3. Public Relation officer
		1. PIC (Transport) - Coordinator
14	Transport	2. Dr. Debasis Basu
		4. Mr. Tapan Kumar Mahapatra, ASO
		3. Mr. Sambit Ranjan Mohanty
15	Security	1. PIC (Security) - Coordinator
	,	2. Asst. Security Officer
		1) Registrar I/c Coordinators
		2) Warden
		3) Dr. R. R. Dash
		4) Dr. Sourav Sil
	Convocation Lunch at Convocation	5) Dr. B. Ramkumar 6) Dr. Y. G. Bhumkar
16	Venue	6) Dr. Y. G. Bhumkar7) Dr. Animesh Mandal
	venue	8) Dr. Sunil Kumar Prajapati
		9) Dr. S. Boppu
		10) Dr. S. Mullick
		11) Dr. S. B. Karanki
		12) Mr. A. Bagde, Asst. Registrar (S&P)
		1. Dean (Alumni Affairs) – Coordinator
		2. Dr. R R Dash
17	Alumni Affairs	3. Dr. Soobhankar Pati
		4. Asst. Registrar (Alumuni Affairs)
		1. Dr. N. B. Puhan – Coordinator
		2. Dr. Madhusmita Dash
18	Reception	3. Dr. S. Chaudhury
10	reception	4. Dr. Kousik Samanta
		5. Dr. Sasmita Barik
	9 Media and Press	1. Registrar I/c – Coordinator
		2. Joint Registrar
19		3. Public Relation Officer
		4. Mr. Sambit Ranjan Mohanty
		1. Prof. V. R. Pedireddi – Coordinator
20	Protocol Management	2. Registrar I/c
-		3. Chief Security Officer
		1

IIT Bhubaneswar

21	Webpage and Webcast	1. Chairman CITSC – Coordinator 2. PIC (Web Services) 3. PIC-ERP 4. Mr. Sanku Das
22	Medical Assistance	1. Dr. M. A. Khan – Coordinator 2. All Medical Officers 3. Pharmacists and Nurses
23	Accommodation of Students / Guests	1. Warden- Coordinator 2. PIC (Guest House) 3. Dr. S. B. Karanki 4. Dr. Meenu Ramadas
24	External Gathering Management and Parking	1. Dr. S. Pati - Coordinator 2. Dr. P. Bhunia 3. Dr. Amritendu Roy 4. Dr. S. Kondaraju 5. Asst. Security Officer 6. Student's Volunter



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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