

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

4th ANNUAL CONVOCATION

12th September, 2015

Chief Guest

Smt. Smriti Zubin Irani

The Minister of Human Resource Development and Chairman, IIT Council

Shri Sushil Kumar Roongta Chairman, Board of Governors Prof. Ratnam V. Raja Kumar Director

4th Annual Convocation

12th September, 2015

Convoca	ation Programme (4 th Convocation)	
10:55 hrs.	Academic Procession proceeds to the Convocation Hall from the robing area	
11:00 hrs.	Academic Procession arrives in the Convocation Hall	
11:00 hrs.	National Anthem	
11:01 hrs.	Chairman, Board of Governors declares the 4 th Convocation open	
11:02 hrs.	Welcome and Report by the Director	
11:12 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	
	Director hands over the degree and charges the degree recipients	
	Respective Heads of the School present the B.Tech.(Hons) degree recipients in the	
	following order:	
	i) Civil Engineering, ii) Electrical Engineering, iii) Mechanical Engineering	
	Director hands over the degree and charges the degree recipients	
11:45 hrs.	Dean (Academic Affairs) presents the President of India Gold Medal and Director's Gold Medal recipients	
	Chief Guest awards the President of India Gold Medal and Director's Gold Medals	
11:49 hrs.	Dean (Academic Affairs) presents the Institute Silver Medal recipients	
	Chairman, Board of Governors awards the Institute Silver Medals	
11:54 hrs.	Taking of Pledge by the degree recipients.(Pledge will be read by the President's Gold Medal recipient in Sanskrit)	
11:59 hrs.	Address by the Chairman, Board of Governors. Chairman, Board of Governors requests the Chief Guest to deliver her Address	
12:04 hrs.	Address by the Chief Guest	
12:24 hrs.	Presentation of Memento to the Chief Guest by the Chairman, Board of Governors	
12:26 hrs.	Chairman, Board of Governors proposes the Vote of Thanks and declares 4th Annual Convocation closed	
12:29 hrs.	National Anthem	
12:30 hrs.	Academic Procession returns	
12:34 hrs.	Return of the degree recipients and guests	



Shri Pranab Mukherjee
The Honourable President of India
and Visitor, IIT Bhubaneswar



Smt. Smriti Zubin Irani

The Minister of
Human Resource Development and
Chairman, IIT Council



Shri Sushil Kumar Roongta

Chairman, Board of Governors

IIT Bhubaneswar



Prof. Ratnam V. Raja Kumar

Director, IIT Bhubaneswar

THE CHIEF GUEST

Smt. Smriti Zubin Irani

The Minister of Human Resource Development and Chairman, IIT Council



Born on 23rd March 1976, Smriti Irani is the youngest woman ever to be nominated to the Rajya Sabha, the Upper House of the Indian Parliament. Representing the State of Gujarat, Mrs. Irani, is currently the Minister For Human Resource Development – India the youngest minister in the government and the first woman to hold office as Minister For Human Resource Development.

Having previously served in the organization of various posts such as National Secretary (twice), 5 term Member of the BJP National Executive, Vice President of BJP Maharashtra Youth Wing, BJP Maharashtra State Secretary, National Vice President and as National President of BJP Women's Wing has significantly and successfully pursued Permanent Commission for Women in the Indian Army by facilitating legal aid to women officers. She has also launched 'Saksham'- the 1st ever Vision Document released by any political organization in India, which underlines policies, programs and implementation tools for the upliftment of the Differently Abled in India. In 126th Assembly of the Inter Parliamentary Union, Smriti Irani was unanimously elected as a Member representing the Asia Pacific Region to the Task Force responsible for establishing the 1st ever Committee for Young Parliamentarians in the IPU. At the same Assembly, Mrs. Irani was also unanimously elected by Member Nations as Rapporteur for the Standing Committee on Sustainable Development, Finance and Trade.

Celebrated for her work in Media, Mrs. Irani has been closely associated with acting and production in Indian theatre, films and Television. Awarded the Best Actress for 6 years in a row by the Indian Television Academy, Mrs. Irani has also been awarded the Indo American Society Young Achiever Award and was the 1st Indian to represent the Nation at the Monte Carlo Television Festival.

Smriti Irani has also been associated with and contributed to various NGOs such as Cancer Patients Aid Association and Vatsalya Street Kids Foundation. Having been appointed Goodwill Ambassador to India by US AID for the WHO-ORS program for 3 years, Smriti Irani also established her own NGO called People For Change in 2007.

People For Change has provided sports scholarships in Nasik, undertaken Drinking Water Projects in Rural India providing bore well facilities to over 35 villages in Maharashtra, collected and distributed over 10 Ton relief material in association with 92.5 FM during the Mumbai Flood in 2007 and also provides scholarships for higher education to children from economically weak background. All the above-mentioned projects have been undertaken with Mrs. Irani's personal financial contribution and no donations have been taken for the same.

DIRECTOR'S REPORT

Respected Chief Guest Smt. Smriti Zubin Irani, Hon'ble Minister of Human Resource Development, Shri S. K. Roongta, Chairman, Board of Governors, members of Board of Governors, members of Senate, distinguished guests, graduating students, their family members, my faculty and staff colleagues, dear students, media persons, friends, ladies and gentlemen – this Fourth Convocation of the Indian Institute of Technology Bhubaneswar is very special to us since it is the first ever to be organized in its tranquil permanent campus in the foothills of the historic Barunui hills at Jatni. It gives me great pleasure to extend a very warm welcome to you all on this historic occasion.

Today, we are privileged to have amidst us Smt. Smriti Zubin Irani, the Hon'ble Minister of Human Resource Development, who was gracious enough to accept our invitation to be the Chief Guest on this ceremonious occasion, where 109 B.Tech., 44 M.Tech., 50 M.Sc., and 12 Ph.D., students will receive their degrees. Madam, I on behalf of the Institute and on my personal behalf would like to extend a very special welcome to you to the Institute. We are most fortunate that today many dignitaries have graced this grand occasion with their august presence. I extend a cordial welcome to all of them. It is a proud moment to the graduating students, their parents, my faculty, staff and a special welcome to all.

For the IIT Bhubaneswar family, it has been a wonderful journey of seven years during which the Institute grew steadily and surely with its mission to become globally competitive and locally relevant. I took over as the director of this venerable institute on 22nd April 2015 with the mission of taking this institute to greater heights at an accelerated ascent. Now, I take this privilege to share with you a brief account of our journey emphasizing achievements and important milestones in the year 2014-15, and our dream of building an Institute of distinction.

Infrastructure at the Permanent Campus:

The Foundation Stone of the permanent campus at Argul (near Jatni) was laid on 12th February 2009 and the construction activity started in 2011. The progress of construction activity took time and the following of the buildings were inaugurated very recently:

- Mahanadi Hall of Residence (Boys Hostel) with a capacity of 800 students,
- Subarnarekha Hall of Residence (Girls Hostel) with a capacity of 200 students,
- A staff quarters block of 40 quarters,
- A 200 seated community centre,
- A 40 room guest house,
- A mini-shopping arena.

As soon as these buildings were nearly complete, the institute started using them. The construction activity of the academic complex consisting of the main administrative building and buildings of schools including Basic Sciences, Electrical, Infrastructure, Mechanical, Humanities, the first year student lab complex and a block of faculty quarters, is in progress. The Institute is very eager to shift its academic operations even if part by part to the permanent campus as and when a building is ready to occupy, in its endeavour to settle

early and grow. If things go on as planned, classes for first year students shall run in the permanent campus from January 2016 onwards.

Shifting of Students to Permanent Campus:

The long cherished dream of the institute to shift to its new campus has been fulfilled when we shifted all undergraduate, postgraduate and female PhD students (900 in number), some faculty and staff to the scenic new campus on 18th July 2015 with the commencement of the new academic year. This could only be possible by the committed pursuit of providing all services in place on war footing and making it livable. This offers students the much needed hostel life that facilitates peer learning which they were deprived of till date. The Institute is striving to have academic classes run in the permanent Campus from January, 2016-17 session onwards. The following facilities could be created in the last few months at the permanent campus:

- A Health Centre with round the clock availability of experienced doctors including a Lady doctor, paramedical staff nurses, life-saving drugs and well equipped ambulances to attend any sort of emergency cases.
- An effective transport facility for the students and staff to commute between Argul and academic campuses in Samantapuri and Toshali complex.
- Single seated hostel rooms with all amenities including electricity, water and sanitation.
- Dining facilities and Catering services in hostels.
- Play fields right in the hostels apart from a temporary common ground to promote sports activity.
- A 24 hours high alert security system available to ensure personal safety of every individual through manual guarding at various posts and also automated vigil through CCTVs.
- Gigabit Ethernet to individual hostel rooms and Internet access through fibre optic network as well as point-to-point Wireless bridges.
- Telephone connectivity with Wireless in the local loop as well as cellular mobile connectivity through two newly erected mobile towers to have uninterrupted communications with the world.
- A mini-market to provide food and general merchandise
- ATM facilities
- Construction of the boundary wall filling up the several long gaps by settling disputes with local villages.
- Furnishing the hostels and mess

I would be failing in my duty if I do not acknowledge the support the institute has been receiving from the state government. Some of these include,

- Construction of road over bridge to isolate the public road going through the campus,
- Helping IIT in settling land disputes to enable filling up of gaps in the construction of boundary wall,
- Establishing a police outpost near the campus,
- Providing water transportation
- Plantation within the campus through the forest development corporation

The institute has already started organizing important events including registration of fresh batch of B Tech students, ceremonies such as the foundation day, and important meetings like the Board meeting in its permanent campus.

Green field campus: The IIT campus would be a green and eco-friendly campus with a variety of theme based plantations, effective waste management facilities and zero-energy drawing.

In the last three months, the institute has taken up massive theme based plantation initiative in the campus and planted as many as 5,000 plants including a mango orchard of 70 varieties, teak plantation around the boundary, medicinal and flowering trees along the avenues to develop green cover besides many other theme based ones.

Academic Programmes:

The Institute started its journey in 2008 with a total of 94 students in three (3) undergraduate programmes viz. Civil, Electrical and Mechanical Engineering. Currently the Institute has 1038 Students (B Tech - 589, M Tech - 71, M Tech - PhD - 66 MSc - PhD - 141, PhD - 171), 100 full-time faculty members including one Chair Professor. In addition, the Institute has 10 officers and 70 supporting staff.

Academic Programmes: The institute offers BTech Programme in Electrical, Mechanical and Computer Sciences, Infrastructure and Metallurgical and Materials Engineering; M Tech Programmes in 9 specializations, MSc in 5 disciplines (Mathematics, Physics, Chemistry, Geology and Atmosphere & Climate Sciences); and PhD programme in all schools.

Academic Schools: The institute has the following seven (7) Schools offering academic programmes:

- School of Basic Sciences
- School of Earth, Ocean & Climate Sciences
- School of Electrical Sciences
- School of Humanities, Social Sciences and Management
- School of Infrastructure
- School of Mechanical Sciences
- School of Minerals, Metallurgical and Materials Engineering

New Academic Programmes: The following new academic programmes have been introduced in the year 2014-15:

- Structural engineering
- Transportation engineering
- Mechanical Systems Design
- Thermal Science and Engineering
- Power System Engineering.

Laboratory Equipment Procurement: During 2014-15, the institute procured advanced laboratory equipment worth Rs 24.00 Crore from institute grant and sponsored projects for research activity by students and faculty.

Research & Development Activities:

The Institute has made considerable progress in Research and Development front in the last one year. A sizable funding of about **Rs. 24.42 crore** has been received by the Institute through 38 new sponsored research and consultancy projects during the year. The major funding agencies are MoES, MHRD, ISRO, INCOIS, UGC-UKIERI, DST, DEITY, BRNS, IITM etc. The number of sponsored research and industrial consultancy projects received last year by different schools are as shown below:

SI. No.	School	No. of Sponsored Projects	No. of Consultancy Projects	Total Budget (Rs. Lakh)
1	Electrical Sciences	04	01	199.30
2	Earth, Ocean & Climate Sciences	07		1207.85
3	Infrastructure	03	18	1027.91
4	Minerals, Metallurgical and Materials Engineering		02	7.05
5	Mechanical Sciences		03	3.96

In addition to addressing the issues of the Industries and academia through research and consultancy projects, currently the Institute is also focusing on the issues of the rural community through execution of some projects of societal importance in the villages. One of such prominent projects is funded by the Ministry of Information Technology, Govt. of India, targeting Improvement of groundwater level and quality through enhanced water use efficiency in agriculture.

The Institute is actively involved in execution of the Unnat Bharat Abhiyan (UBA), a flagship programme of the MHRD on rural development through use of affordable technologies. Two villages, 'Jorkul' in the Banki block and Argul have been adopted by the Institute under the UBA programme, where the faculty and students actively participate in creating awareness for using affordable technologies in education, health, sanitation, drinking water, solid waste management, affordable housing, use of renewable energy etc.

The Institute is also actively participating in the national level effort namely: "IMPacting Research, INnovation and Technology" (IMPRINT) where all IITs and IISc are involved for identifying the needs of the country in terms of research and technology requirements.

Bay of Bengal Coastal Observatory (BoBCO): The Ministry of Earth Sciences (MoES) sanctioned Rs 9.23 Crore as the first installment of funding to establish a Bay of Bengal Coastal Observatory to help investigate ocean-atmosphere-land interactions. This facility is going to be established at Puri coast where the Govt of Odisha agreed to provide land for the purpose.

Design Innovation Center: Under the national initiative on setting up of Design Innovation Centers (DIC) across the country under the aegis of the MHRD, IIT Bhubaneswar established

a DIC aimed at inculcating innovation culture among students. This DIC would also help College of Engineering and Technology Bhubaneswar, Ravenshaw University Cuttack, BOSE Cuttack and Kendriya Vidyalaya – I Bhubaneswar in this endeavor.

Research Publications & Patents:

The faculty members within 7 years of Institute's existence in the city of Bhubaneswar have contributed to creating new knowledge by publishing more than 688 original research papers in reputed national and international journals and 21 Books/book-chapters. Besides, 388 papers were presented in various national and international conferences in India and abroad and 10 Indian patents have been filed. Our students have also made technical presentations in national and international conferences.

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

School	Journal publications	Conference publications	Total Publications
Electrical Sciences	47	78	125
Infrastructure	20	21	41
Mechanical Sciences	30	7	37
Minerals, Metallurgical & Materials Engineering	14	0	14
Basic Sciences	64	25	89
Earth, Ocean & Climate Sciences	57		57
Humanities, Social Sciences & Management	9	1	10

Awards & Honours Received by Faculty:

Several academic distinctions, honours and awards, distinguished fellowships, associate ship, named lectureship, coveted medals and awards have been bestowed on our faculty, staff and students in recognition of their academic achievements, during the current year. A few of these distinctions are noted below:

Laurels, Honours and Awards Won by Faculty Members:

- Dr. R. Jha received ICO-ICTP Gallieno Denardo Award
- Dr. R. Jha Elected as a member in the Executive Council, Optical Society of India for the year 2015-2016
- Dr. R.K. Singh selected for Indian National Science Academy, New Delhi International Collaboration/ Exchange Program 2015 to visit Kiel Germany during summer vacation (2 months) of 2015
- Dr. S.H. Farooq selected for DAAD-revisit Programme 2015 to visit Karlsruhe Institute of Technology during May - July 2015 (2 months)
- Prof U. C. Mohanty Selected as Fellow of INSA, New Delhi, 2014
- Dr. Subhransu Ranjan Samantaray received the Mentor Clayton Griffin Best Paper Award, PRC, Georgia Tech, USA-2015

- Dr. Subhransu Ranjan Samantaray selected as Member of National Academy of Sciences India (NASI)
- Dr. Padmalochan Bera: UGC Travel Grant for attending IET Systems safety and Cyber Security Conference, Manchester, UK, 2014.
- Dr. Sumanta Haldar served as visiting faculty at Lassonde School of Engineering, York University, Ontario, Canada from 10th May 2014 to 30th July 2014 which was sponsored by Department of Civil Engineering, York University
- Dr. C.S. Rout received the Venus International Foundation Young Researcher Award
- Dr. Punyashree Panda was awarded the Summer 2014 Residential Fellowship, WISC, Santa Fe. NM. USA.

Collaborative Research:

The Institute is very actively engaged in collaborative research with many reputed universities and research organizations in the world. Some of the collaborating universities include, Warwick Manufacturing Group, University of Warwick, UK; Washington University in St. Louis, USA; University of Massachusetts Dartmouth USA; University of Southampton UK; National Oceanography Centre (NOC) UK; Woods Hole Oceanographic Institute USA; University of Concepcion, Chili; University of Surrey, London, UK; University of Manchester, UK; University of British Colombia; University of Quebec, Canada; University of Waterloo, Canada; York University, Canada and many other reputed universities for joint research, student internship and faculty visits.

About 36 faculty members and 6 students visited foreign countries on various academic and research assignments and paper presentations. The institute also had an innumerable number of distinguished visitors for academic, research and other collaborative programmes.

Distinguished Visitors:

Several distinguished visitors like Bharat Ratna awardee, Prof C N R Rao; Prof V S Raju, former director, IIT Delhi; Mr G C Pati, Chief Secretary, Odish govt; Prof. Mutsuhiro Shima, Gifu University, Japan; Dr. Morris Donald Edward, (Retd) Agilent Technologies, Colorado USA; Prof. Krishna Shenai, LoPel Corporation, USA; Prof. Bijen Das, formerly VSSC, Thiruvananthapuram; Prof. Devdas Menon, IIT Madras; Prof. Debakanta Mishra, Boise State University, USA; Prof. Devdas Menon, IIT Madras; Prof. Debakanta Mishra, Boise State University, USA; Dr. Glen Gawarkiewicz, Wood hole Institute of Oceanography, USA; Prof. Avijit Gangopadhyay, University of Massachussetts, Dartmouth, USA; Dr. B. B. Rath, Associate Director of Naval Research Laboratories, US Navy, USA; Prof. Dev Niyogi, Perdue University, USA; Prof. V. Chandrasekhar, Colorado State University; Dr. Ziad S. Haddad (Group Head, Radar Meteorology, JPL/Caltech, NASA) and many others visited the institute and delivered invited talks at the institute during the last year.

Student Activities:

IIT Bhubaneswar provides holistic education and opportunity for personality growth to its students by promoting extra academic activities through sports, music, Yoga, dramatics,

literary, dance and National Service Schemes. IIT Bhubaneswar is a ragging free institution. From the current academic session onwards, the institute introduced Odissi dance, Yoga, Football, Volley ball, Badminton, Athletics and Cricket as part of the mandatory Extra Academic Activity of students. This apart, the students organize various activities through societies like Dramatic Society, Music Society, Robotics Society, and Entrepreneurship Cell under the Students' Gymkhana. The students also organized the following festivals during the last academic year:

- Alma Fiesta 2015, the Socio Cultural Festival during January 2015.
- Wissenaire 2015, the Annual Techno Management Festival during January 2015.
- E-Summit 2015, a Workshop on Entrepreneurship during March 2015

Student Interaction with Distinguished Personalities: Several distinguished persons from many walks of life such as Mr. Varun Agarwal, Film Maker and Author; Dr. Pawan Agrawal, a Management Guru; Mr. Subroto Bagchi, Co-Founder of Mindtree; Roy Zaltsman, Mentalist from Israel; Falak Shabir, Pakistani Pop singer; Gajendra Verma, Singer; Pt. Tarun Bhattacharya, a famour Santoor Player and many others visited the institute and delivered talks and interacted with students.

Achievements and Prizes won by Students: Students and student groups also won several awards at conferences and inter institutional competitions including:

- Ms. Lopamudra Giri, a Research Scholar in the School of Basic Sciences was awarded the Best Poster Prize in the Royal Society-Faraday Discussions and Advances in Structure and Dynamics at IISc, Bangalore during 12-16 January, 2015 for her work.
- Mr. S. K. Nandi secured the best Poster paper award from Royal Society of Chemistry.
- The 1st prize in 'Lights Camera', 2nd prize in 'AdZap', the 3rd prize in 'Rangmanch' and the Best Actor award in the Dramatic Competition at Spring Fest-2015 of IIT Kharagpur.
- A Gold medal and a Silver medal in Aquatics events of the Inter IIT Sports meet-2014 held at IIT Bombay.

Continuing Education Programme:

Continuing Education is part of the IIT Bhubaneswar outreach programmes to extend its arm for the promotion and extension of the science and technology benefits to the society, apart from its main focus of teaching and research.

IIT Bhubaneswar conducted several Conferences, Workshops and Short courses with national and international participation including:

- National Workshop on Recent Development in Smart Grid Technology (NWSGT-2014) from 8-9th Nov 2014,
- Short term course on "MICROWAVE, PHOTONICS, DEVICES & WIRELESS COMMUNICATION," (MPDWC - 2014) from 5-7th Dec 2014,
- Workshop on Industrial Engineering for National Development during April 5-6, 2015.

- Short term course on Advances in Computational Fluid Dynamics conducted during June 8-12, 2015,
- Workshop on "Affordable housing: materials and technologies" in June 2015 in line
 with the national mission of "Housing for All by 2022" by the Ministry of Housing and
 Urban Poverty Alleviation, Gov. of India,
- Symposium on "Probiotics and Multi-scale Bioscience and Bioengineering", Dec 12, 2014,
- Workshop on "Queuing Theory and Optimization: Computational Aspects and Application", March 5, 2015.

Furthermore, the institute submitted proposals for the following government programmes:

- Several proposals for Global Initiative for Academic Networks (GIAN) programme of MHRD.
- Setting up of ICT & Electronics Academy to Ministry of DieTy in association with Govt of Odisha.
- Several programmes in association with the Government of Odisha through its Departments of Higher Education and Planning and Coordination.

Career Development Cell (CDC)

During the session 2014-2015, 27 companies visited the campus for recruitment. Many students availed this opportunity and 69 students got placed. The highest salary is Rs 13 lakh per annum and the average salary comes to about Rs 7.5 lakh per annum. The 3rd year students went to Industries as well Universities/Institutes in India and abroad for internship during the summer of 2015. CDC conducted many other events viz., quiz competitions, personality development programmes, etc.

Women's Grievance Redressal Committee (WGRC):

IIT Bhubaneswar has an active WGRC which conducts several training programmes and workshop for capacity building. Important of these include:

- A training-cum-workshop on the implementation of the "Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act - 2013" on February 20, 2015.
- International Women's day in association with E-cell, Indian Institute of Technology, Bhubaneswar on March 13, 2015 on fostering of Women Entrepreneurship in India.

Computer and IT services Cell (CITSC):

A voice, video and data convergence network was planned and implemented by the CITSC in-house team to provide inter-building connectivity, video surveillance and internet facility in the new campus of IIT Bhubaneswar. The network includes a 100Mbps (to be upgraded to Giga bit service in Jan-July 2016) fiber optic network and 20 Mbps wireless internet. A mini general computing facility (GCF) center at IIT Bhubaneswar Argul Campus is initiated to facilitate computing and internet browsing needs of faculties, students, guests, and others.

Graduates of the Year:

In a short while from now, 109 BTech, 44 MTech, 50 MSc and 12 PhD students are going to receive their degrees in this convocation.

Mr Sushant Sachan, Mechanical Engineering won the coveted President of India Gold Medal for topping all BTech branches.

Mr Pratik Nayak, Civil Engineering won the coveted Director's Gold Medal for topping all MTech specializations.

Anudeep Nain, Mathematics won the coveted Director's Gold Medal for topping all MSc branches.

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

Institute Silver Medal for topping in BTech branches

Sushant Sachan	Mechanical Engineering
Sriram Venkatesh	Electrical Engineering
Soubhagya Karmakar	Civil Engineering

Institute Silver Medal for topping in MTech specializations

Pratik Nayak	Civil Engineering
Pothapakula Praveen Kumar	Climate Science & Technology
Chandradhar S	Electronics and Communication Engineering
Laxman Kumar Malla	Mechanical Engineering
Shreeja Das	Material Science and Engineering

Institute Silver Medal for topping in MSc specializations

Anudeep Nain	Mathematics
Amrita Purkayastha	Physics
Arijit Maity	Chemistry
Soumita Boral	Geology

The following medals were won by the students as shown below:

Dinesh Memorial Award (Best B. Tech Thesis – Mechanical Engineering)	Sushant Sachan
Tejaswi Memorial Award (Best B. Tech Thesis – Electrical Engineering)	Ganta Naveen
Prof. P. Rama Rao Award (Best Lady Graduate)	Surabhi

Dr. K. Kasturirangan Award (Best Graduate)	Sushant Sachan
B. K. De Memorial Award (Most Innovative Project)	Keerti Prakash

Other Acquisitions and Activities:

The Institute observed and celebrated several events like the National Science Day, 8th Foundation Day, 8th Institute day, Yoga day, Teacher's day and a large number of students, faculty and staff members participated in the events.

Acknowledgements:

This Institute and its entire activities could not have been be carried out well 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 Human resource Development, 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 success and fulfilment in their lives.

Jai Hind!

Professor R. V. Raja Kumar September 12, 2015

MEDALS AND PRIZES

{for B.Tech. (Honours) Graduates}

INSTITUTE GOLD MEDAL

President of India Gold Medal



Sushant Sachan 11ME01030 Mechanical Engineering

INSTITUTE SILVER MEDALS (Discipline Topper)



Soubhagya Karmakar 11CE01030 Civil Engineering



Sriram Venkatesh 11EE01028 Electrical Engineering



Sushant Sachan 11ME01030 Mechanical Engineering

MEDALS AND PRIZES

{for M.Tech. Graduates}

INSTITUTE GOLD MEDAL

The Director's Gold Medal



Pratik Nayak 13CE06003 Civil Engineering

INSTITUTE SILVER MEDALS (Discipline Topper)



Pratik Nayak 13CE06003 Civil Engineering



Pothapakula Praveen Kumar 13CL06006 Climate Science and Technology



Chandradhar S
13EE06001
Electronics and
Communication Engineering



Laxman Kumar Malla 13ME06008 Mechanical Engineering



Shreeja Das 13MS06006 Material Science and Engineering

MEDALS AND PRIZES

{for M.Sc. Graduates}

INSTITUTE GOLD MEDAL

The Director's Gold Medal



Anudeep Nain 13MA05004 Mathematics

INSTITUTE SILVER MEDALS (Discipline Topper)



Arijit Maity 13CY05006 Chemistry



Soumita Boral 13ES05004 Geology



Amrita Purkayastha 13PH05003 Physics

: 18:



Anudeep Nain 13MA05004 Mathematics

ENDOWMENT AWARDS

> B.K. De Memorial Award – for Most Innovative Project

Keerti Prakash, 11ME01006Mechanical Engineering

➤ Dinesh Memorial Award – for the Best B.Tech Thesis - Mechanical Engineering

Sushant Sachan, 11ME01030 Mechanical Engineering

> Tejaswi Memorial Award - for the Best B.Tech Thesis - Electrical Engineering

Ganta Naveen, 11EE01034 Electrical Engineering

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

Surabhi, 11CE01017 Civil Engineering

> Dr. K. Kasturirangan Award – for the Best Graduate

Sushant Sachan, 11ME01030 Mechanical Engineering

INSTITUTE PROFICIENCY IN PROJECT WORK PRIZES

(For the best Project work in each of the Undergraduate courses)

For B.Tech. (Honours) Graduates

Koli Veeravenkata Sumanth, 11CE01025 Civil Engineering

Gunisettv Srikar. 11CE01008 Civil Engineering

Sriram Venkatesh, **11EE01028** Electrical Engineering

Keerti Prakash, 11ME01006Mechanical Engineering

For M.Sc. Graduates

Arijit Maity, 13CY05006 Chemistry

Soumita Boral, 13ES05004 Geology

Anudeep Nain, 13MA05004 Mathematics

Sandip Mahish, 13PH05011 Physics

PROGRAMME WISE GRADUATION DATA 2015

Doctor of Philosophy (Ph.D.)

School	No. of Students
School of Basic Sciences	2
School of Electrical Sciences	1
School of Humanities, Social Sciences & Management	3
School of Infrastructure	1
School of Mechanical Sciences	5
Total	12

Master of Technology (M.Tech.)

Programme	No. of Students
Civil Engineering	9
Climate Science & Technology	5
Electronics & Communication Engineering	11
Material Science & Engineering	11
Mechanical Engineering	8
Total	44

Master of Science (M.Sc.)

Disciplines	No. of Students
Chemistry	7
Geology	12
Mathematics	16
Physics	15
Total	50

Bachelor of Technology (B.Tech.) (Honours)

Disciplines	No. of Students
Civil Engineering	33
Electrical Engineering	36
Mechanical Engineering	40
Total	109

DOCTOR OF PHILOSOPHY

School of Basic Sciences

10MA09001

LITISMITA JENA



11PH09001

PRADEEP KUMAR MAHARANA



School of Electrical Sciences

10EE09002

SIVA GANESH MALLA



School of Humanities, Social Sciences and Management

10HS09001

DIPTIMAYEE MISHRA



11HS09002

SULAGNA MOHANTY



10HS09002

SUBBA LAKSHMI TIRUKOTI



School of Infrastructure

10CE09002

AKSHAYA KUMAR VERMA



School of Mechanical Sciences

10ME09001	SATYA PRAKASH KAR	
10ME09005	HEMALATA JENA	
11ME09003	SISIR MANTRY	

10ME09002	KAMALAKANTA MUDULI	
11ME09001	SAMBIT KUMAR PARIDA	

MASTER OF TECHNOLOGY

Civil Engineering

13CE06001	PRATIKA PREETI	Carlo
13CE06003	PRATIK NAYAK	
13CE06006	PAVITHRA P	

13CE06002	KRISHNA BISWAS	
13CE06005	PANCHIREDDI BHASKARA RAO	
13CE06007	SUMAN DASH	(dEg)

13CE06008	SATYA SAPATH ROY	
13CE06010	GAUTAM S NAIR	

13CE06009 SUJIT BISWAS

Climate Science and Technology

13CL06001	RABI RANJAN TRIPATHY	
13CL06004	BIBHUTI SHARAN KESHAV	
13CL06006	POTHAPAKULA PRAVEEN KUMAR	

13CL06002	HONEY BAKSHI	
13CL06005	SHEKHAR SUMAN	

Electronics and Communication Engineering

13EE06001	CHANDRADHAR S	
13EE06003	PRANAV SHADANAN DESHPANDE	(d.e.d)

13EE06002	SANJAYA KUMAR NAYAK	
13EE06004	GAURAV SINGH	

13EE06005	ARINDAM SIKDAR	10 A
13EE06007	TAPAN KUMAR DAS	
13EE06009	BIJAY KUMAR EKKA	
13EE06011	CHINNALA SOMESWARARAO	

13EE06006	MADHUSMITA MOHANTY	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
13EE06008	BIJAY KUMAR LENKA	
13EE06010	TILENDRA CHOUDHARY	

Material Science and Engineering

13MS06001	BRIGHTY DUTTA	
13MS06003	SIBANI MISHRA	Tanks C
13MS06005	ASHWANI KUMAR PANDEY	
13MS06007	AVANISH KUMAR	

13MS06002	KASIMUTHUMA NIYAN S	
13MS06004	SUCHARITA SETHY	35
13MS06006	SHREEJA DAS	
13MS06008	SATYA PRAKASH PADHEE	

13MS06010	RITUKESH SHARMA	
13MS06012	MARSHAL. A	

13MS06011 UPASANA PADHI

Mechanical Engineering

13ME06002	DEEPAK SINGH THAKUR	
13ME06004	ANKUR SAXENA	
13ME06006	POOSARLA SHIRDI PARTHA SAI	
13ME06008	LAXMAN KUMAR MALLA	

13ME06003	P RAVI KIRAN	(d: 9)
13ME06005	BIKASH MAHATO	
13ME06007	SUMENDU KUMAR	
13ME06009	AMIT	

MASTER OF SCIENCE

Chemistry

13CY05002	SONAM DEBNATH	
13CY05005	RAJESH GHOSH	
13CY05007	KALPANA SINGH	(B) (D)
13CY05010	RAYHAN GAFUR BISWAS	

13CY05003	RANANMAY BHARADWAJ	
13CY05006	ARIJIT MAITY	
13CY05008	PRADIPTA MONDAL	

Geology

13ES05001	AVIRUP KANJILAL	
13ES05003	RATIRANJAN JENA	

13ES05002	STEFFINIE SAWIAN	
13ES05004	SOUMITA BORAL	

13ES05005	ABHIJITH U V		13ES05006	SUSHREE SOVA BARIK	
13ES05007	J P GAYATHRI		13ES05008	INDHULEKHA K	
13ES05009	PINTU PRUSTY		13ES05010	SAROJ KUMAR DASH	
13ES05011	HARISH KUMAR		13ES05012	NIKHIL NARENDRA AHIRE	

Mathematics

13MA05001	MOUSUMI MOI		13MA05003	SAIKAT PRAMANIK	
13MA05004	ANUDEEP NAIN		13MA05005	BIPLAB PAUL	
13MA05006	VISHAKHA VASHISHTH		13MA05007	SAMIRAN MANDAL	

13MA05008	SOUMITRA BARMAN	
13MA05010	JOGENDER SINGH	
13MA05012	AQIB	
13MA05014	ARPIT BANSAL	
13MA05016	MOHD. AYAZ	

13MA05009	GHAN SHYAM SINGH	1 000 1000
13MA05011	CHURNI GUPTA	600
13MA05013	SHEERIN KAYENAT	
13MA05015	SHAILENDRA PANDIT	
13MA05017	SATYABRATA JANA	

Physics

13PH05001	MANJUNATHA M	
13PH05003	AMRITA PURKAYASTHA	
13PH05005	RITIKA	9

13PH05002	WADUT SHAIKH	(Color)
13PH05004	SARVESH KUMAR	
13PH05006	NEERAJ WAKDE	

13PH05007	SUBHRANSHU SEKHAR PRADHAN	
13PH05009	SUBRATA KARMAKAR	
13PH05012	SUBHADIP JANA	
13PH05015	PRITAM DAS	
13PH05017	AMITAVA MANDAL	

13PH05008	SURESH KUMAR	
13PH05011	SANDIP MAHISH	
13PH05013	PRANAB KR DHARA	
13PH05016	ABHIJIT SHEE	

BACHELOR OF TECHNOLOGY (HONOURS)

Civil Engineering

10CE01028 MAYANKAL SAMBHAKAR 10CE01029 KARAMTHOT HEMANTH KUMAR

11CE01001	AKSHAY JAIN	- OF	11CE01002	ANIRUDH BANSAL	
11CE01004	ATHUL PRABHAKARAN		11CE01007	GAURAV MOHTA	(a)
11CE01008	GUNISETTY SRIKAR		11CE01011	MASIPEDDI SAI CHARAN TEJA	
11CE01012	MURARISHETTY SHANKAR PRASAD		11CE01014	PRATEEK GUPTA	
11CE01015	ROHEN SINGH		11CE01016	SAURAV SEN	The state of the s
11CE01017	SURBHI	(1) (E)	11CE01018	UJJWAL KUMAR VISHNOI	
11CE01019	VASHI DIXITKUMAR SURENDRASINH		11CE01020	YENAMANDRA VENKATA SAIKISHORE	
11CE01021	ANAND KUMAR		11CE01022	ANKATA SREE RAGHU CHARAN	
11CE01023	CHETANYA VERMA		11CE01024	C SREENIVASULU	

11CE01025	KOLLI VEERAVENKAT ASUMANTH	
11CE01028	RAJVIR SINGH YADAV	
11CE01030	SOUBHAGYA KARMAKAR	
11CE01033	DEVARAPALLI DINESH CHANDRA	10 to 10 to
11CE01035	PAWAR HARSHIL RAJU	
11CE01037	DEEPAK KUMAR MEENA	
11CE01039	MANISHA BEHERA	

11CE01026	NILESH KUMAR	(B) (C)
11CE01029	SHUBHAM SONI	
11CE01032	ANKIT VERMA	
11CE01034	MAHENDRA SINGH JATAV	
11CE01036	RAVI MAURYA	
11CE01038	TADU MONIA	

Electrical Engineering

10EE01029	GUGULOTH RAMESH		11EE01001	ANAND KUMAR PARHI	
11EE01002	ANINDYA PODDAR		11EE01003	BURUJUPALLI LOKANATH REDDY	
11EE01004	CHEBIYYAM DHANUMJAYA BHANU MANASWI		11EE01005	DESAM ROHITH REDDY	
11EE01006	DEVARA SETTY AJAY SAI KRISHNA		11EE01007	EDARAPALLI VENKATA NITIN	9
11EE01008	GUBBA SAI RAM		11EE01009	KARRA RAMA VASISTHA	9
11EE01010	KOTHA HARI KRISHNA		11EE01011	MANTHINA SRI RAMA SATYA VARA PRASAD	00
11EE01012	NALLAMADDI ROHITH KUMAR REDDY		11EE01013	PRAVEEN R	00
11EE01014	R UDAY KIRAN		11EE01015	SARAT CHANDRA VYSYARAJU	

11EE01016	SATYA SAMYUKTA KAMBHAMPATI		11EE01018	VEMISHETTY SUJITH	
11EE01019	VISHAL SINGH		11EE01020	DASARI ADITEJA	
11EE01021	DEVESH KUMAR		11EE01022	KALEPU BHARATCHANDRA	
11EE01023	KODUMURU MEESALA VAMSIKRISHNA		11EE01025	PECHETTI SASI VINAY	
11EE01026	PRIYANKA YADAV		11EE01027	RONGALA BHARGAV NAIDU	9
11EE01028	SRIRAM VENKATESH		11EE01029	SYED TANVEER AHMED	
11EE01030	TANKALA VENKATESH	3	11EE01032	BADE RAJASHEKAR	
11EE01034	GANTA NAVEEN		11EE01036	MALLU RAHUL	
11EE01037	BHANOTH SANTHOSH NAIK		11EE01038	HEMANT KUMAR NAGVANSHI	

11EE01039

VIJAY MEENA



11EE01041

NAVEEN KUMAR REDDY PASHAM



Mechanical Engineering

<u></u>		
11ME01001	ABHINAV KRISHNAN NAIR	
11ME01003	AKASH DEEP CHHABRA	
11ME01005	DESHMUKH DHANANJAY VINOD	RIVE N
11ME01007	KUMAR SATYAJEET	
11ME01009	M D ARAVIND	
11ME01011	MONINGI RAGHU RAM	9
11ME01013	N ULLAS	

11ME01002	ABHINAV KUMAR JHA	
11ME01004	A KRISHNA KARTHIK	
11ME01006	KEERTI PRAKASH	3
11ME01008	LALITH RAO	1
11ME01010	MOHAPATRA SIDDHARTH PRADIPTA KUMAR	
11ME01012	NALI NIPUN KUMAR REDDY	
11ME01014	RASAM HIMANSHU RAVIKANT	

11ME01015	R SRIDATTA		11ME0
11ME01017	SANJEET KUMAR NAYAK		11ME0
11ME01019	SARWAR HASIB		11ME0
11ME01021	KODAM ROHIT SAI	9	11ME0
11ME01023	MANI BABU DABBADA		11ME0
11ME01025	PECHETTI DURGA		11ME0
11ME01028	SUJIT KUMAR		11ME0
11ME01031	VINOD KUMAR ROLANIYA		11ME0
11ME01033	DIBYA RANJAN BEHERA		11ME0

11ME01016	SAMPARA S S S KRISHNA MOHAN	
11ME01018	SARDI VENKATA SANYASI SRINIVAS	No.
11ME01020	V B SACHIN JAGARLAMUDI	
11ME01022	KOTIPALLI SAI SATYA HEMANTH SAGAR	
11ME01024	NARRA SIVA SRINIVAS	
11ME01026	PEETHALA DEEPAK	
11ME01030	SUSHANT SACHAN	(e) (f)
11ME01032	ANAND KUMAR	
11ME01034	GUVVALA HARSHA DEEP	

11ME01035	KOKKILIGADDA DHEERAJ	
11ME01039	SAKE VENKAT KIRAN	
11ME01041	AVANESH KUMAR GUPTA	
11ME01043	K SAI MANAS	

11ME01037	ARPITA PINGUA	
11ME01040	PRATHI RAMA SRINATH	
11ME01042	ELDHOSE JOHN	
11ME01044	K PRADEEP KUMAR	

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	Bhubaneswar -751 001

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Bhubaneswar-751 013

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Secretary

Dr. D. Gunasekaran	Registrar, IIT Bhubaneswar

ANNUAL CONVOCATION DATES

SI. No. Chief Guest Convocation Date

1 **Dr. Anil Kakodkar,** August 31, 2012 Former Chairman, Atomic Energy

Commission of India

Mumbai - 400 001

2 **Shri Pranab Mukherjee,** September 7, 2013 The Honorable President of India

3 Dr. Avinash Chander, October 18, 2014
Scientific Adviser to the Raksha Mantri
(SA to RM) and Secretary,
Department of Defence R&D,
and Director General, DRDO

4 Smt. Smriti Zubin Irani, September 12, 2015
The Minister of
Human Resource Development and Chairman,
IIT Council

Chairman, BOG, IIT Bhubaneswar

1 Shri B. Muthuraman July 22, 2008 –
Vice Chairman, Tata Steel Limited October 14, 2009
Bombay House, 24,
HomiMody Street

2 **Prof. P. Rama Rao** October 15, 2009 – Chairman Governing Council, International Advanced Research Centre for Powder Metallurgy & New Materials

Research Centre for Powder Metallurgy & New Materials
(ARCI), Balapur PO, Hyderabad – 500 005

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

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

Chairmen, Convocation Committee

1	Prof. Subhasish Tripathy	1st Convocation, 2012
2	Prof. Subhasish Tripathy	2nd Convocation, 2013
3	Dr. Nirod Chandra Sahoo	3rd Convocation, 2014
4	Prof. Ratnam V. Raja Kumar	4th Convocation, 2015