



2nd दीक्षान्त समारोह
CONVOCATION
2013

भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
INDIAN INSTITUTE OF TECHNOLOGY
BHUBANESWAR



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

2nd ANNUAL CONVOCATION

7th September, 2013

Chief Guest

Shri Pranab Mukherjee

The President of India

Shri S. K. Roongta

Chairman, Board of Governors

Prof. Madhusudan Chakraborty

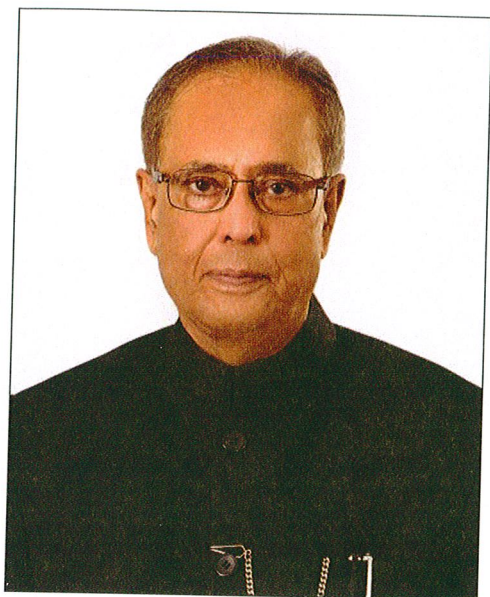
Director

2nd Annual Convocation

7th September, 2013

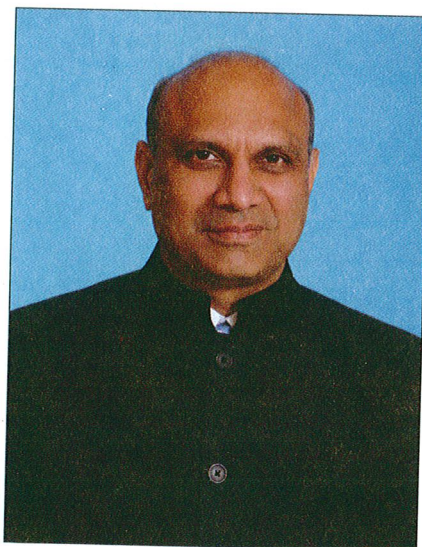
Programme

- 1200 h Academic Procession proceeds to the Convocation Hall
- 1207 h Academic Procession arrives in the Convocation Hall
- 1208 h National Anthem
- 1210 h The Chairman, Board of Governors declares the 2nd Convocation open
- 1211 h Welcome Address and Report by the Director
- 1217 h Presentation of Mementos to the Chief Guest and Guests of Honour by the Chairman, Board of Governors
- 1219 h Award of the Degrees by the Director
- Dean (Academic Affairs) presents the Ph. D. degree Recipients
 - Director hands over the degree and charges the degree Recipients
 - Respective Heads of the Schools presents the Bachelor of Technology (Honours) 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
- 1239 h Registrar reads out the Citations of the Recipients of Doctor of Science (*Honoris Causa*) and presents the Recipients
- The President** presents the degree
- Dean (Academic Affairs) announces the Medal Recipients
- The President** presents the:
- President of India Gold Medal
 - Institute Silver Medals
- 1247 h Pledge by the degree Recipients
(Pledge to be read by the President's Gold Medal Recipient in Sanskrit)
- 1251 h The Chairman, Board of Governors requests the Chief Guest to deliver his Convocation Address
Address by **The President**
- 1301 h Vote of Thanks by the Chairman, Board of Governors
- 1304 h The Chairman, Board of Governors declares the 2nd Annual Convocation closed
- 1305 h National Anthem
- 1307 h Academic Procession Returns



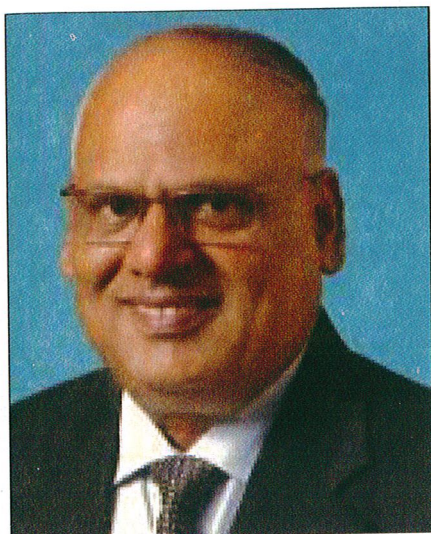
Shri Pranab Mukherjee

The President of India
and Visitor, IIT Bhubaneswar



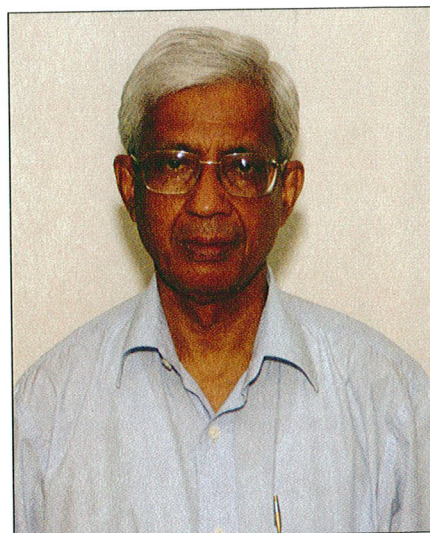
Dr. M. Mangapati Pallam Raju

The Minister of
Human Resource Development and
Chairman, IIT Council



Shri S. K. Roongta

Chairman, Board of Governors
IIT Bhubaneswar



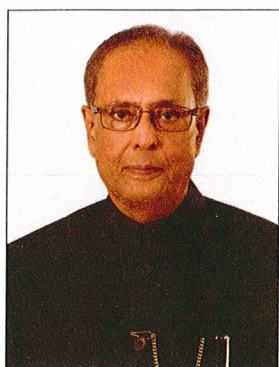
Prof. Madhusudan Chakraborty

Director, IIT Bhubaneswar

THE CHIEF GUEST

Shri Pranab Mukherjee

The President of India



Shri Pranab Mukherjee assumed office as the 13th President of India on July 25, 2012, crowning a political career of over five decades of exemplary service to the nation in Government as well as Parliament.

Seventy six years old, Shri Mukherjee is a man of unparalleled experience in governance with the rare distinction of having served at different times as Foreign, Defence, Commerce and Finance Minister.

He was elected to the Upper House of the Parliament (Rajya Sabha) five times from 1969 and twice to the Lower House of the Parliament (Lok Sabha) from 2004. He was a member of the Congress Working Committee, the highest policy making body of the Party for a period of 23 years.

During the period 2004-2012, Shri Mukherjee was instrumental in spearheading critical decisions of the Government on a range of issues such as Administrative Reforms, Right to Information, Right to Employment, Food Security, Energy Security, Information Technology and Telecommunication, setting up of UIDAI, Metro Rail etc. through Chairmanship of over 95 Groups of Ministers constituted for the purpose. In seventies and eighties, he was instrumental in setting up the Regional Rural Banks (1975) and the EXIM Bank of India as well as National Bank for Agriculture and Rural Development (1981-82). Shri Mukherjee was also author of a modified formula for resource sharing between the Centre and the States in 1991 which came to be known as the Gadgil - Mukherjee formula. A powerful orator and scholar, Shri Mukherjee's intellectual and political prowess as well as remarkable knowledge of international relations, financial affairs and parliamentary process are widely admired.

A man of humble origins, Shri Mukherjee was born in the small village of Mirati in Birbhum District of West Bengal as son of freedom fighters, Shri Kamada Kinkar Mukherjee and Smt. Rajlakshmi on December 11, 1935. Shri Mukherjee's father was a Congress leader who endured great hardship including being sent to jail several times for his role in India's struggle for independence.

Shri Mukherjee acquired a Master's degree in History and Political Science as well as a degree in Law from the University of Calcutta. He then embarked on his professional life as a college teacher and journalist. Inspired by his father's contribution to the national movement, he began his political career in 1969. Under the careful mentoring of late Prime Minister Indira Gandhi, Shri Mukherjee's rise in his political career was rapid. He assumed office as Finance Minister of India in

1982 and was Leader of the House in the Upper House of Parliament (Rajya Sabha) from 1980 to 1985. Later, he was Deputy Chairman of the Planning Commission from 1991 to 1996, Minister for Commerce from 1993 to 1995, Minister of External Affairs from 1995 to 1996, Minister of Defence from 2004 to 2006 and once again the Minister of External Affairs from 2006 to 2009. He was the Minister of Finance from 2009 to 2012 and Leader of the Lower House of Parliament from 2004 to 2012 till he resigned to contest election to the office of the President.

Shri Mukherjee has extensive diplomatic experience and has served on the Board of Governors of the IMF, World Bank, Asian Development Bank and African Development Bank. He has led the Indian delegations to the Commonwealth Finance Ministers' Conferences in 1982, 1983 and 1984; the United Nations General Assembly in 1994, 1995, 2005 and 2006, the Conference of Commonwealth Heads of Government at Auckland in 1995, the Non-Aligned Foreign Ministers' Conference at Cartagena in 1995 and the Conference to mark the 40th anniversary of the Afro-Asian Conference in Bandung in 1995.

A prolific reader, Shri Mukherjee has authored several books on the Indian Economy and on Nation Building. The many awards and honours conferred on him include India's second highest civilian award, Padma Vibhushan in 2008, the Best Parliamentarian Award in 1997 and the Best Administrator in India Award in 2011. He was rated one of the best five Finance Ministers of the world in 1984 according to a survey conducted by "Euro Money" Journal published from New York and was declared 'Finance Minister of the year' for Asia in 2010 by "Emerging Markets", the journal of record for the World Bank and the IMF.

Shri Mukherjee is married to Smt. Suvra Mukherjee, an accomplished singer of Rabindra Sangeet and they are blessed with two sons and a daughter.

Shri Mukherjee enjoys reading, gardening and music in his spare time. Simple in his tastes, Shri Mukherjee is a dedicated patron of the arts and culture.

Shri Mukherjee travelled extensively in India and abroad during his illustrious and long public career.

DIRECTOR'S REPORT

Respected Chief Guest Shri Pranab Mukherjee, the President of India and the Visitor of IIT Bhubaneswar, Guests of Honour Dr. S. C. Jamir, The Governor of Odisha and Shri Naveen Pattanaik, Hon'ble Chief Minister of Odisha, Shri S. K. Roongta, Chairman Board of Governors, members of Board of Governors and the members of the Senate of the Institute, distinguished guests, the graduating students and their family members, my faculty and staff colleagues, dear students, media persons, friends, ladies and gentlemen – it gives me a great pleasure to extend a very warm welcome to you all on the occasion of the Second Convocation of the Indian Institute of Technology Bhubaneswar.

Today, we are privileged to have amidst us Shri Pranab Mukherjee, the President of India, who was gracious enough to accept our invitation to be the Chief Guest on this solemn occasion where **103 B. Tech. and 02 Ph. D.** students will receive their degrees. My warm congratulations and best wishes for all the degree recipients. In this convocation we will also confer D.Sc. (*Honoris Causa*) on three internationally acclaimed professionals of eminence who have been mentoring this Institute with their worldly vision and love for academics.

The IIT Bhubaneswar family is very happy to have Shri Pranab Mukherjee, the President of India amidst us on this solemn day of convocation. Shri Pranab Mukherjee assumed office as the 13th President of India on July 25, 2012. Shri Pranab Mukherjee's intellectual and political prowess and his remarkable knowledge of international relations, financial affairs and parliamentary process are widely admired. He has been acclaimed for his role as a consensus builder to forge unity amongst diversity that form part of India's vibrant multi-party democracy.

Shri Mukherjee acquired Master's degrees in History and Political Science as well as a degree in Law from the University of Calcutta. He is a man of unparalleled experience in governance with the rare distinction of having served at different times as Foreign, Defence, Commerce and Finance Minister in Government of India. He was elected to the Upper House of the Parliament (Rajya Sabha) five times from 1969 and twice to the Lower House of the Parliament (Lok Sabha) from 2004.

In the seventies and eighties, he was instrumental in setting up the Regional Rural Banks (1975) and the EXIM Bank of India as well as National Bank for Agriculture and Rural Development (1981-82). Shri Mukherjee was also the author of a modified formula for resource sharing between the Centre and the States in 1991 which came to be known as the Gadgil - Mukherjee formula. Shri Mukherjee has extensive diplomatic experience and has served on the Board of Governors of the IMF, World Bank, Asian Development Bank and African Development Bank.

I am certain that our graduating students would feel highly privileged to have a persona like Shri Pranab Mukherjee amidst us. Sir, I on behalf of the Institute and on my personal behalf would like to extend a very special welcome to you to the Institute.

I would like also to extend a warm welcome to Dr. S. C. Jamir, The Governor of Odisha and Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha, who have nurtured and mentored the Institute since its establishment. Our sincere and heart-felt thanks to Sri Naveen Patnaik ji for being the moving force in getting an IIT to the State of Odisha.

We are most fortunate that today many dignitaries have kindly consented to grace this solemn occasion with their august presence. I extend a cordial welcome to all of them.

For the IIT Bhubaneswar family, it has been a wonderful journey of five years during which the Institute grew steadily and surely with its mission to become globally competitive and locally relevant. I take this privilege to share with you a brief account of our journey with important milestones, emphasizing achievements in the year 2012-13, and our dreams of building an institute of distinction.

IIT Bhubaneswar – Moments we cherish

The Institute was established on 22nd July 2008; and moved to this temple city of Bhubaneswar in 2009 with classes starting from 22nd July 2009. The first batch of graduates was conferred degree last year on the 31st August 2012.

The Institute is currently operating from 8 different temporary locations which include two major academic campuses – one at Samantapuri near Jaydev-Vihar and the other at Toshali Bhawan at Satyanagar. Besides the above, we also have Workshops and Lab Complexes at Samantapuri, CSIR-IMMT and CTTC Bhubaneswar. I sincerely acknowledge the unflinching support received from CSIR-IMMT, CTTC, CIPET as well as many other Institutes in this temple city of learning who helped us generously to keep the flag of IIT Bhubaneswar furling high.

IIT Bhubaneswar is well equipped with modern class rooms, teaching and research laboratories, seamless wireless connectivity, virtual class rooms, and dedicated 1-GBPS network connectivity from National Knowledge Network (NKN). We have recently inaugurated a modern Training and Placement Cell in the Toshali Campus. Beside the existing gymkhana, the Institute will shortly have a state-of-the-art wellness centre to take care of physical and mental well-being of students, to guide them to achieve academic goals and to promote lifelong wellness.

IITs are known for the *de rigueur* to have a residential campus in order to facilitate one-to-one human interaction. Beside, the twin towers at Toshali Bhawan, the Government of Odisha has also provided us 14 flats at Government Colony, Gajapati Nagar. We have found cooperation from the Housing Society in SBI Colony Kesura (10 Km from city centre) wherein we have hired 77 HIG (3-bed room) and 70 MIG/LIG flats for the accommodation of our students, and few of our staff and faculty members. Another hostel at Madanpur (15 Km from the city centre) has been provided for M. Tech. students and Ph. D. scholars. In addition, IIT Kharagpur has constructed a 200 capacity Dr. A. N. Khosla Hall of Residence at Samantapuri for the students of this institute. I take this opportunity to thank IIT Kharagpur for being a constant partner during our journey

and for constructing the hostel which is of great convenience to us. I would also like to put on record my deep sense of appreciation to the students, the staff and faculty members who have to commute regularly between their residence and the various academic campuses. I am aware that this is strenuous. But, I am sure that our students, faculty and staff members would bear it and be a part of the history in the making.

Permanent campus

The Foundation Stone of the permanent campus at Arugul (near Jatni) was laid on 12th February 2009. The Government of Odisha has been very proactive in allotting 936 acres of land at Arugul for developing this IIT of which the Institute has already taken possession of 595.57 acres. The Government of Odisha has actively supported the establishment of this Institute by constructing a 4-lane access road to the campus from the National Highway No. 5 and providing water and power supply. The work on water and power supplies to the campus is also in progress. The State Government will provide 3 million gallon water per day (MGD). The Government of Odisha has also agreed to provide 75 acres of land on the Puri-Konark coast line to set up an Innovation Centre for Climate Change for the School of Earth, Ocean and Climate Sciences. I express my sincere gratitude to the people of the State and the Government of Odisha for their unstinted support.

During the current year we are able to accomplish construction of 16 Km of boundary wall out of 19 Km. 8 Bore wells have been sunk. The Institute has also taken up tree plantation programme to ensure a green campus at Arugul. The master plan of the new campus has been approved for 10,000 students, 1,000 faculty and 1,100 supporting staff. The total construction will be completed in 3-phases in next 12-15 years. The Ground Breaking Ceremony was on 14th August 2011 by the august hands of Shri Naveen Patnaik, Hon'ble Chief Minister of Odisha. The work for land-grading, road and other related construction have started. Administrative approval has been accorded for construction of 1,27,368 sqm within a budget of 388 Crores approved by the Ministry of HRD, Government of India. The Institute has made a request to the East Coast Railways to connect 3 parcels of the Institute land by over-bridges. Clearances for construction from various statutory bodies have been obtained. The tendering process for part of the construction has been completed. Construction of 800 capacity Boys' Hostel and 200 capacity Girls' Hostel, Guest House, Shopping and Community Centres, Type C Apartments are in progress. Work on road construction, drainage and other related site development activities are also in progress. So far, 4400 out of 4898 meters of roads have been laid and 3500 out of 3896 meters of drains have been constructed in the Residential part of the campus. Till now, 5750 out of 6380 meters of roads have been laid and 6150 out of 6815 meters of drains have been completed within the Academic Complex. A 132 KV grid with 250 KVA sub-station is in operation. Masonry work of the flyover by the State PWD has been completed – work for the approach road is in progress. Order has been placed for construction of main Administrative Building, School of Mechanical Sciences, School of Electrical Sciences, School of Basic Sciences, School of Infrastructure, First Year Laboratory Complex, Type A Apartments etc have been placed and work is expected to commence in a months time.

Academics

Academic Schools

The Institute started its journey with a mission to promote a borderless academic pursuit with the concept of Schools, rather than Departments to enable and encourage the academic staff and students to work in an interdisciplinary environment. The following seven (7) Schools have been set up:

- School of Basic Sciences (Physics, Chemistry, Bioscience, Mathematics)
- School of Humanities, Social Sciences and Management (Economics, English, Psychology, Management)
- School of Mechanical Sciences (Mechanical, Manufacturing & Industrial Engineering, Aerospace Engineering, Naval Architecture)
- School of Infrastructure (Civil Engineering, Architecture, Urban Design, Town Planning, Traffic & Transportation Engineering)
- School of Electrical Sciences (Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Energy, Learning Sciences, Instrumentation)
- School of Minerals, Metallurgical & Materials Engineering
- School of Earth, Ocean & Climate Sciences

The Institute is also setting up an Innovation Centre for Climate Change on the Puri-Konark coast line.

The following Schools are proposed to be set up in the second phase of expansion:

- School of Chemical & Biochemical Engineering (Chemical, Biochemical and Biomedical)
- School of Design & Creative Arts.

Academic Activities

The Institute started its journey in 2008 with a total of 94 students in three (3) undergraduate programmes viz. Civil, Electrical and Mechanical Engineering having an intake of 40 students in each. From July 2013, undergraduate programme in Computer Science & Engineering has started. The Institute introduced Ph. D. programme from the very first year of its operation from the city in 2009. From July 2012 we have started postgraduate (Joint M. Tech. – Ph. D.) programme in Applied Geoscience, Climate Science & Technology, Civil Engineering, Electronics & Communication Engineering, Materials Science & Engineering and Mechanical Engineering. The Institute has also started Joint M. Sc. – Ph. D. program in Chemistry, Earth Science, Mathematics and Physics from July 2013.

Currently the Institute has 758 students (B. Tech. 501; M. Tech.-Ph.D. 87; M. Sc. - Ph. D. 53; Ph. D. 117), 83 full-time faculty members including 1 Chair Professor. In addition, the Institute has 9 officers and 52 supporting staff.

It is heartening to note that the first batch of undergraduate students are all placed. Five out of ninety-three students have joined prestigious universities abroad, which include Stanford University, University of Illinois at Urbana Champaign, Ohio State University, University of Texas and Imperial College of London.

Research & Development Activities: In-house, Sponsored, Consultancy

Our faculty members, research scholars and undergraduate students have been actively pursuing research in varying areas. The main research focuses are on Energy, Climate Change, Minerals and Materials, Manufacturing, Bio Engineering. The Institute has received 47 sponsored projects from various funding agencies like DST, CSIR, DBT, BRNS, CPRI, ICSSR, NPOL, BRFS, ITRA-Ministry of Information Technology and DRDO worth more than 11 Crores and 13 consultancy from industries worth more than 56 Lakhs. Project proposals worth more than 11 Crores are in active consideration. The in-house funding support for newly joined faculty members has been raised to 10 Lakhs per faculty member.

IIT Bhubaneswar has been successful in its bid for the following UK-India Education and Research Initiative (UKIERI) international collaborative projects:

Joint Masters and split site Ph. D. programme:

An Integrated Doctoral and Masters Programme with the University of Warwick - To develop an integrated suite of postgraduate joint degree programmes.

Thematic Partnerships programme-1:

UKIERI Thematic Partnership in Low Carbon Materials Technologies, Innovation and Application jointly with the University of Warwick - To enable the rapid and effective introduction of new steel and multi-material combinations, for new applications addressing the global imperative of carbon reduction.

Thematic Partnerships programme-2:

UKIERI Thematic Partnership jointly with the University of Southampton and National Oceanography Centre and University of Massachusetts at Dartmouth - To establish the School of Earth, Ocean and Climate Sciences at the Indian Institute of Technology Bhubaneswar and Marine Campus on the Bay of Bengal.

I would like to highlight in brief the on-going R&D activities in various Schools:

School of Basic Sciences: The School is a cluster of disciplines namely Bioscience, Chemistry, Mathematics and Physics. The thrust areas of research in Chemical Science are: green chemistry, multimetallic catalysis, organometallic chemistry, supramolecular chemistry, coordination chemistry, synthesis of natural products and intermediates. The research work in Biosciences is focused on

understanding the structure and function of various proteins of eye lenses, leprosy and tuberculosis. The research in high energy physics is focused on understanding fundamental particles and their interaction using theoretical tools such as string theory, and experimental setup in collaboration with CERN, Geneva. Specific areas include conformed field theory, pure spinor formalism of superstrings, super symmetry and black holes. A number of projects have been undertaken in the area of the plasmonics, photonics, ion-surface interactions, design and development of sensors, magnetic grids, energy storage devices and optoelectronic devices. Multidisciplinary work is underway in the area of nanomaterial-based device design, assembling and clustering. On-going research in mathematics includes complex dynamics and fractals, queuing theory, optimization theory, spectral graph theory and higher order compact schemes.

School of Earth, Ocean and Climate Sciences: The major R & D activities of the school includes the monitoring, prediction and providing mitigation solutions for natural disasters with sound and precise observational network of meteorological, oceanographic, geological and geophysical instruments combined with data-assimilative modeling in a multi-institutional framework and use of Information and Communication Technology (ICT), thereby becoming a hub of such activities on the east-coast of India with an international presence. The thrust areas are: Climate Modeling, Modeling of extreme events, Cloud Physics, Numerical Weather Prediction, Natural Resources-exploration and utilization, Climate Change and its Effects, Biological Oceanography, Application of the Space Technology for the Study of the Earth System Science, Soil-Water Interactions, Waste Utilization, and Pollutant Pathways. The School is also actively pursuing to set up the Bay of Bengal Coastal Ocean Observatory (BOBCO) with support from the Ministry of Earth Sciences, Government of India and develop it into a national center for pan global collaborative activities for studying air-sea interaction, monsoon prediction, sea-level changes etc.

School of Electrical Sciences: The school is pursuing research in the following areas: Antenna Design, Smart Antenna Techniques For MIMO Systems, Radio Frequency Identification System Design and Application, Non-Destructive Testing Methods, Digital Signal Processing, Speech and Real time Interactive Audio processing, Active Noise Controller, Cognitive Radio, Sensor Network, Intelligent Instrumentation, Opto-Electronics Device, Long-haul Optical Communication System Design, Optical Sensor, Communication and Wireless Communication System modeling and Design, Semiconductor Material & Device Characterization, Wide Band gap Semiconductor Devices, MMICS, Decoupling Control, Robust Control, Periodic Feedback Control, Power Quality, Custom Power Devices, Renewable Energy Sources and Application of Soft Computing Techniques to Power Systems, Intelligent Protection to Transmission Systems Including Facts, Micro and Smart grids, Distributed Generation and Dynamic Security Assessment in Large Power Network, Structural Health and Integrity analysis and Monitoring (SHIM).

School of Humanities, Social Science and Management: The active research areas are: Environmental Economics, Natural Resources Economics, Macroeconomics, Development, Economics & Rural Development, Indian Writing in English, Post-Colonial Literature, Travel Writing, Business Communication, American Literature, Canadian Literature, ELT, Cross Cultural Communication, Autobiography, Consumer Behaviour, Cyber Psychology, Clinical Psychology, Cognitive Psychology, Cognitive Neuroscience, Psycholinguistics, Psychology of Personality, Marketing.

School of Infrastructure: The present thrust areas of research are: Concrete Technology, Earthquake Engineering, Traffic Flow Modeling, Travel Demand Modeling, Travel Behaviour Analysis, Transportation System Planning and Policy Address, Energy Geotechnology, Soil-Structure Interaction, Fluvial Hydraulics, Waste Water Engineering, Water Resources Engineering, and Study of Unsaturated soils behavior.

School of Mechanical Sciences: The School has undertaken R&D activities in the following areas: Computer-Aided Design and Manufacturing, Advanced Manufacturing, Robotics and Controls, IC Engines, Multi-Phase flow, Composite Materials, Sandwich structures, Fracture Mechanics, Material Science, Green Supply Chain Management, Computational Fluid Dynamics, Conjugate Heat Transfer, Acoustic and High Performance Computing.

School of Minerals, Metallurgical and Materials Engineering: The School is actively pursuing research in the following areas: Bio-medical materials, Nano materials, Metal Matrix Composites, Alloy development, Modelling and simulation of mineral processing unit operations, Development of technologies for metal/mineral recovery from complex ores, Semi-solid processing, High cycle fatigue and fracture in metals, Friction stir welding/processing, Modeling & simulation of Materials/Metallic glasses, High purity alumina for optical applications, Process modelling, Structural & Magnetic frustration of materials, Synchrotron and Neutron diffraction, 3-D Atom probe (LEAP), Green Extraction and Recycling of Metals, Inert Anodes for Metal Production, Fuels Cells, Batteries, Rare earth extraction and processing.

Publications & Patents

Within 5 years of existence in the city of Bhubaneswar, the faculty members have contributed to creating new knowledge by publishing 310 original research papers in reputed national and international journals and 20 books/book-chapters. Besides, 156 papers were presented in various national and international conferences in India and abroad and 9 Indian patents have been filed. Our students have also made technical presentations in national and international conferences.

Endowment

Shri Mohandas Pai, Chairperson, Manipal Global Education Services Private Limited has created two Endowments: Dr. K. Kasturirangan Award for best outgoing student and Dr. P. Rama Rao Award for best outgoing lady student.

National and International Collaborations

Since inception, the Institute has started collaborative activities with many universities abroad. The institute has already signed MOUs for faculty and student exchange programmes with the University of Massachusetts at Dartmouth, the State University of New York at Buffalo, the

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University of North Dakota, the University of Warwick, the University of Southampton and the University of Edinburgh.

I take this opportunity to announce that in the city of Bhubaneswar, we have signed the first MoU with CSIR-IMMT which is allowing both the Institutes to build close academic and research partnership in a seamless manner.

The Institute is proud to have the following luminaries as the Distinguished Visiting Professors of IIT Bhubaneswar: Professor Lord S. Kumar Bhattacharyya of the Warwick Manufacturing Group at the University of Warwick, Dr. B. B. Rath, Associate Director of Research, Naval Research Laboratory, Washington DC and Professor Asit K. Biswas, President of the Third World Centre for Water Management and the Winner of Stockholm Water Prize (2006).

The following academicians and professionals of international repute are helping the Institute in their capacity as the Honorary Institute Professor of IIT Bhubaneswar: Professor Avijit Gangopadhyay of the University of Massachusetts at Dartmouth, Professor Lalu Mansinha of the University of Western Ontario, Professor K. L. Chopra, Professor Amitabha Ghosh, Professor O. N. Mohanty, Dr. T. C. Rao and Justice Markandey Katju.

Summer Internship & Placement

Our students have received support from various Universities and Industries in India and abroad for summer internships. Few among these are the University of Massachusetts at Dartmouth (USA), Iowa State University (USA), University of Warwick (UK), Finisar (Malaysia), KIMS (South Korea), Wonkwang (South Korea), Harbin Engineering College (China), MINGCHI (Taiwan), VU University (Holland), Fraunhofer (Germany), Tsukuba University (Japan), International Atomic Energy Agency (Austria), Philips (NXP), University of Malaysia, NUS Singapore, Trinity College (Ireland), University of Alberta (Canada), HITACHI Research Laboratory (Japan), Hokkaido University (Japan), Rajamangala (Thailand), ECP (France), Institute of Plasma Physics (Belgium), TCS R&D, Tata Steel (Jamshedpur), Tata Motors (Pune), DRDL (Hyderabad), DRDO (Bangalore), ALCON (GOA), BARC (Mumbai), Hindustan Colas etc.

Workshops & Conferences

A number of conferences and workshops have been organized by the Institute to foster scholarly exchange of ideas and research collaboration. The School of Earth, Ocean and Climate Sciences conducted the Indo-US Advanced Workshop and Colloquium on Modelling and Data Assimilation for Tropical Cyclone Predictions during 9-14 July 2012 in collaboration with the Centre for Atmospheric Sciences, IIT Delhi. The Fifth International Conference on Solidification Science and Processing (ICSSP5) was jointly organized by School of Minerals, Metallurgical and Materials Engineering and School of Mechanical Sciences from 19-22 November 2012. The School of Earth, Ocean and Climate Sciences organized a workshop on Evolution of Water within the Ganga River Basin, Natural vs Anthropogenic Contributions: Implications for River Basin Management

and Climate Change during 17-19 December 2012 in collaboration with University of Alberta. The School of Infrastructure organized the 2nd Workshop on Indian Water Management in 21st century (IWM) and Symposium on Sustainable Infrastructure Development (SID) during 7-9 February 2013 and a training programme on Design, Construction and Maintenance of Rural Roads under Prime Minister's Gram Sark Yojana (PMGSY) during 11-13 January 2013. A workshop on "Ethics and Integrity" was organized on 16th April 2013 by the School of HSS & M.

Awards & Honours

Our students and faculty members have brought numerous laurels to the Institute in terms of distinguished fellowship, associateship, named lectureship, coveted medals and awards. This is a testimony to the vibrant academic spirit of the student and faculty members of the Institute and their commitment to pursue excellence. A few of these distinctions are noted below:

Prof. M. Chakraborty, Director has been awarded ET Now National Education Leadership Award in recognition of leadership & development of IIT Bhubaneswar and creation of a strong academic and industry interface for the Institute. Prof. U. C. Mohanty, Visiting Faculty in the School of Earth, Ocean and Climate Sciences has been honoured with the "National Award in Atmospheric Sciences and Technology" by the Ministry of Earth Sciences, Government of India in recognition of his outstanding contributions in the field. He has also been appointed as the President of Odisha Bigyan Academy by the Government of Odisha. Prof. S. C. Dutta has been elected as a Fellow by the West Bengal Academy of Science and Technology. Dr. P. K. Sahu has been elected as a Senior Member of IEEE. The paper by Dr. S. R. Samantaray has been awarded the IEEE PES PSDP Technical Committee Prize. Dr. S. Chatterjee received DAAD Fellowship-2012 under the DAAD-IIT faculty exchange program. Dr. Dukhabandhu Sahoo received the best paper award at "CPR South-7 Conference" in the ICT and Growth Segment in Mauritius. Dr. K. K. Sahu's research work featured in International Innovation, October 2012. Dr. S. Pati has received the Young Professional Leader Award from the Minerals, Metals and Materials Society (TMS), San Antonio, USA. Shri Sandip Nandi, Research Scholar, School of Basic Sciences has received the Dr. D. S. Bhakuni Award at 49th Annual Convention of Chemists of Indian Chemical Society in Bhopal during December 2012. Ms. Mobina Fatima, an undergraduate student in the School of Infrastructure has been awarded the prestigious BOSE fellowship to work as summer intern at University of Wisconsin, USA.

Events at the Institute

Celebrations

On the Engineer's day commemorating the birthday of Sir Mokshagundam Vishveshwariah, a quiz session on Engineering Marvels of India was organized on 15th September 2012.

IIT Bhubaneswar participated in the PAN IIT Global conference, at Science City, Kolkata during 7 – 9 December 2012. Prof. M. Chakraborty and Prof. S. C. Dutta led a group of student and staff at the event.

2nd Convocation, 2013

The 5th Foundation Day of the Institute was celebrated on 12th February 2013. Shri R. Gopal Krishnan, Executive Director, Tata Sons Limited graced the occasion and delivered the 2nd Foundation Day Lecture.

The 3rd National Science Day Lecture was delivered by Prof. U. R. Rao on 28th February 2013. The Research Scholar Day was also organized on 28th February 2013.

Distinguished Visitors

A number of distinguished personalities visited IIT Bhubaneswar in the past year and addressed our students and faculty members. Notable among them are: Dr. M. M. Pallam Raju, Hon'ble HRM, Govt. of India; Dr. Prasanna Kumar Patsani, Hon'ble Member of Parliament; Shri Baijayant Panda, Hon'ble Member of Parliament and Member Consultative Committee, Ministry of HRD; Padma Vibhushan Dr. Anil Kakodkar, eminent Nuclear Scientist and former Chairman of Atomic Energy Commission; Shri R. Gopal Krishnan, Executive Director, Tata Sons Limited; Professor U. R. Rao, Internationally Renowned Space Scientist, former Chairman ISRO and Chairman of the Governing Council of the Physical Research Laboratory, Ahmedabad; Smt. Shobhana Radhakrishna from Ministry of Rural Development, Government of India; Prof. K. L. Chopra, former Director, IIT Kharagpur and Prof. Ravi Ravindran from Ryerson University, Canada.

Student Activities

Our students under the auspices of Students' Gymkhana are quite active and are organizing various activities. They have formed several societies like Robotics Society, Entrepreneurship Cell, Dramatic Society, Music Society to name a few. They have been organizing Socio-Cultural (Alma Fiesta) and Techno-Management (Wiessenaire) festivals successfully every year with support from many sponsors/industries drawing participations from various colleges/institutions across the country. The students are regularly taking part in inter-IIT sports meet and various other inter-IIT social and cultural events. Mr. Ramesh Chandra Meena and Mr. Muhammadali M.S brought accolades to the Institute by winning silver and bronze medals in the 48th Inter IIT sports meet held at IIT Roorkee during 17-24 December 2012.

Graduates of the Year

As I have remarked earlier, in this convocation we are going to confer degrees to 2 doctorates and to 103 B. Tech outgoing students. I am pleased to announce that the following students are recipients of Institute Medals:

- Shri Vemireddy Hari of the School of Mechanical Sciences is the recipient of the President Gold Medal for the best academic performance among the outgoing B. Tech. (Hons.) students. He also wins the Institute Silver Medal for the best academic performance among the outgoing students of the School of Mechanical Sciences.

- Shri Biswajit Sahoo is the recipient of the Institute Silver Medal for the best academic performance among the outgoing B. Tech. (Hons.) students of the School of Electrical Sciences.
- Shri Tanzeel Ahmed is the recipient of the Institute Silver Medal for the best academic performance among the outgoing B. Tech. (Hons.) students of the School of Infrastructure.

We are proud in conferring D. Sc. (*Honoris Causa*) of this Institute to the following three luminaries:

- Prof. U. R. Rao, former Chairman ISRO, former Secretary, Department of Space and Chairman of the Governing Council of the Physical Research Laboratory, Ahmedabad
- Prof. Asit Biswas, Professor and President, Third World Centre for Water Management, Mexico
- Prof. Lord S. Kumar Bhattacharyya, Professor and the Director of WMG (Warwick Manufacturing Group) at the University of Warwick, UK.

I congratulate all the graduating students, awardees and medal winners. Graduation is a milestone in the journey of life and each of you will now enter the big world of opportunities and endeavours. With your most formative years behind you, you will now begin a journey called life. I am certain that you will look back with pride and joy to your days in this Institute and the memories will continue to inspire you in your pursuit of excellence and service to the motherland. You will always remain an intrinsic part of this Institute. I also welcome each one of you as the would-be alumnus of the Institute and you will be our brand-ambassador of good will, peace, courage and knowledge.

Jai Hind

Professor M. Chakraborty

September 7, 2013

DOCTOR OF SCIENCE (*HONORIS CAUSA*)

Professor Asit K. Biswas



Professor Asit K. Biswas was born in Balasore, Odisha, India. He graduated from Indian Institute of Technology, Kharagpur. Thereafter he worked as a Civil Engineer at Ward, Ashcroft and Parkman, Liverpool, UK; Research Fellow at the Loughborough University of Technology, UK; and a Lecturer at the University of Strathclyde, Glasgow, UK.

Professor Biswas moved to Canada in 1967 as a Visiting Professor at Queen's University, Kingston. Subsequently, he joined the Department of Energy, Mines and Resources, Canada as a senior scientist. He played a leading role during the formative years of a new Ministry of Environment when it was instituted by the Government of Canada.

In 1974, Professor Biswas accepted the challenging role in formulating the programme of the newly established United Nations Environment Programme (UNEP) in Nairobi, Kenya. During 1980-81, he was a Senior Research Fellow at the International Institute for Applied Systems Analysis (IIASA) at Luxemburg, Austria. He spent 1981-1997 at Oxford, pursuing his research interests and advising National Governments and International Organizations. He chaired the Middle East Water Commission during 1993-1997.

Professor Biswas is the founder of the Third World Centre for Water Management in Mexico, which is an independent, knowledge-based think tank focusing on knowledge generation, synthesis, application and dissemination. Under his dynamic leadership, the Centre has established a unique international identity in pursuing cutting-edge and forward-looking research. Within eight short years, by ensuring world-class research and focusing on out-of-the-box thinking, the Centre has established for itself a unique reputation in the world of water as a generator of innovative ideas. The work of the Centre has been published extensively in several languages by major international publishers.

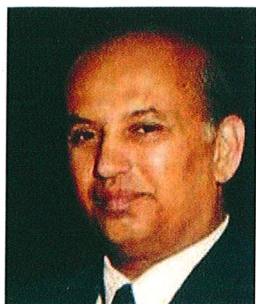
Professor Biswas has published over 600 scientific and technical papers and authored or edited 64 books (7 more are soon to be released). His work has now been translated into 31 languages. He is the founder of the International Journal of Water Resources Development and has been its Editor-in-Chief for the past 21 years.

Professor Biswas was one of the most active members of the World Commission on Water. He was instrumental in establishing the International Water Resources Association and World Water Council. He has been an advisor to six Heads of the United Nations Agencies and most major bilateral and multilateral aid organizations and 17 National Governments.

Professor Biswas has received numerous awards and honors. These include the Crystal Drop and the Millennium Award of the International Water Resources Association, Walter Huber Award of the American Society of Civil Engineering, Honorary Degree of Doctor of Technology of the University of Lund, Sweden. Professor Biswas is the recipient of Stockholm Water Prize.

DOCTOR OF SCIENCE (*HONORIS CAUSA*)

Professor U. R. RAO



Professor Udupi Ramachandra Rao is a world renowned space scientist and has been one of the pioneers in the establishment of satellite technology in India. He spearheaded the IT revolution in India during the 1980s and 1990s by using satellites for communication, broadcasting and remote sensing.

Professor Rao was born in 1932 in the state of Karnataka, had his early education in Mysore. He completed Bachelors from Madras University in 1951, Masters from Banaras Hindu University in 1953 and Doctorate from Gujarat University in 1960.

In 1961, Professor Rao joined the Massachusetts Institute of Technology, USA, as a Post Doctoral Fellow to pursue advanced research on spacecrafts.

Thereafter he joined the faculty at the University of Texas at Dallas. He returned to India in 1966 and joined the Physical Research Laboratory in Ahmedabad, where he worked with Dr. Vikram Sarabhai, the founding father of the Indian Space Program.

In 1984, Professor Rao became the Chairman of the Space Commission in the Department of Space, Government of India. He was also the Chairman of the Indian Space Research Organization (ISRO) from 1984 to 1994. At ISRO, he revolutionized space research and the use of satellite technology by successfully developing the Satellites Launch Vehicles: SLV, ASLV and PSLV. He was also instrumental for the development and deployment of the very first satellite Aryabhata and the INSAT series of satellites. Due to his pioneering efforts, INSAT became the largest domestic communication system in the Asia-Pacific Region. Being a distinguished academician he has published more than 350 scientific and technical papers and authored many books.

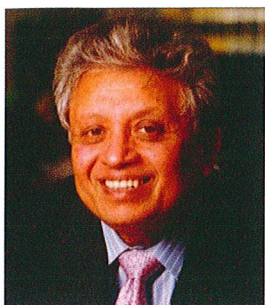
Professor Rao has served as a member, Chairman or Director at various science and technology organizations and has taken up coveted roles like that of the Chairman of the UN committee on Peaceful Uses of Outer Space and the Vice President of the International Astronautical Federation.

Professor Rao has received numerous awards and honors from India and abroad for his contribution to Space Science and Technology. A few among them are the Jawaharlal Nehru award, Aryabhata award, Meghnad Saha award and the Theodore Von Karman Award (from the International Academy of Astronautics). He is a Fellow of various academies worldwide and has been the recipient of D. Sc (Honoris Causa) from more than 20 Universities.

In 2007, Dr. A. P. J. Abdul Kalam presented him with a Lifetime Achievement Award. He is the first Indian to be inducted into the prestigious Satellite Hall of Fame, Washington. In 1976 he was awarded the Padma Bhushan by the Government of India.

DOCTOR OF SCIENCE (*HONORIS CAUSA*)

Professor Lord S. Kumar Bhattacharyya



Professor Lord S. Kumar Bhattacharyya was born in 1940. After graduating from the Indian Institute of Technology Kharagpur, he obtained his Masters and Doctorate in Engineering Production from Birmingham University, while working as a Manager at Lucas Industries, London.

Since 1980, Professor Lord Bhattacharyya has been the founder and chairman of Warwick Manufacturing Group, now rebranded as WMG at the University of Warwick. He has built WMG into a unique academic institution which is internationally acclaimed. He built the first Advanced Technology Centre in Europe in 1989, whose purpose was to glue academic research to Industrial output.

As Chairman and Director of WMG, Professor Lord Bhattacharyya has published extensively in the field of manufacturing and received many international honours and awards. He is the recipient of honorary doctorates from many Universities. He is a fellow of the Royal Academy of Engineering, a fellow of the Institution of Mechanical Engineers. He is the recipient of Sir Robert Lawrence Award for Services to Logistics (1999); Duncan Davies Medal by the Research and Development Society (2005).

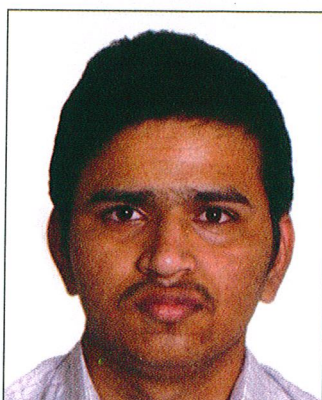
Professor Lord Bhattacharyya is an advisor to many companies and organizations around the globe, and is closely associated with many organizations in countries including UK, India, China, Malaysia, Thailand and South Africa. For many years he chaired the UK Manufacturing Excellence Awards and is currently the Chair of the Judges of Singapore's MAXA awards for manufacturing excellences on behalf of Singapore's Economic Development Board. He was an advisor to Her Highness Margaret Thatcher to formulate policy on manufacturing sector and privatization in UK. He is also a long serving advisor to British governments of all parties, and was the longest serving member of the UK Council for Science and Technology.

Professor Lord Bhattacharyya has been working in close partnership with India throughout his career. He had been professionally associated with Dr. A. P. J. Abdul Kalam, the former President of India and former Director of DRDO. For the last 15 years he has worked with the Confederation of Indian Industry and numerous companies including Tata Motors, Bharat Forge and TVS Motors.

Professor Lord Bhattacharyya was appointed CBE in 1997 and knighted in 2003 for services to higher education and industry and was elevated to the Lords in 2004. In January 2002 he was awarded the Padma Bhushan by the Government of India.

MEDALS AND PRIZES

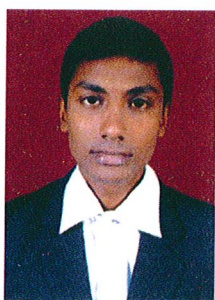
President of India Gold Medal



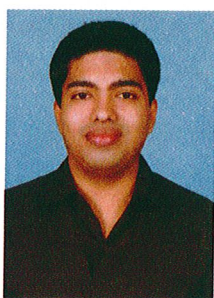
Vemireddy Hari, 09ME01025

School of Mechanical Sciences

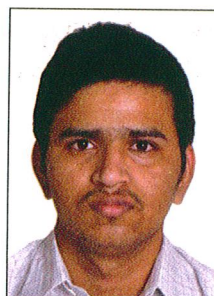
Institute Silver Medals



Biswajit Sahoo, 09EE01025
School of Electrical Sciences



Tanzeel Ahmed, 09CE01027
School of Infrastructure



Vemireddy Hari, 09ME01025
School of Mechanical Sciences

ENDOWMENT AWARDS

Dinesh Memorial Award

Shikhar Srestha, 09ME01015

School of Mechanical Sciences

Tejaswi Memorial Award

Arnav Acharyya, 09EE01007

&

K. Krishna Chaitanya, 09EE01008

School of Electrical Sciences

Prof. P. Rama Rao Award

Prashansa, 09CE01004

School of Infrastructure

Dr. K. Kasturirangan Award

Vemireddy Hari, 09ME01025

School of Mechanical Sciences

INSTITUTE PROFICIENCY PRIZES

Biswajit Sahoo, 09EE01025

School of Electrical Sciences

Rongali Madhavi, 09CE01026

School of Infrastructure

Shikhar Srestha, 09ME01015

School of Mechanical Sciences

GRADUATION DATA 2013

Disciplines	B. Tech.	Ph. D.	Total
Civil Engineering	28	-	28
Electrical Engineering	39	2	41
Mechanical Engineering	36	-	36
Total	103	2	105

DOCTOR OF PHILOSOPHY

School of Electrical Sciences

Pyari Mohan Pradhan	Novel Signal Processing Techniques for Spectrum Sensing and Cognitive Radio Engine Design
Satyasai Jagannath Nanda	Development of New Signal Processing and Nature-inspired Algorithms for Partitional Clustering

BACHELOR OF TECHNOLOGY (HONOURS)

Civil Engineering

09CE01001	Sumit Nandal
09CE01003	Shubham Sirothia
09CE01004	Prashansa
09CE01014	Thatiparthi Praveenkumar Reddy
09CE01019	Josyula Prasanna Aswadha Suresh
09CE01021	Velikinti Rushendra Kumar

2nd Convocation, 2013

09CE01022	Ravi Shankar
09CE01023	Vijay Singh Kulhar
09CE01024	Jagdish Prasad Malav
09CE01025	Palla Gouri Prasad
09CE01026	Rongali Madhavi
09CE01027	Tanzeel Ahmed
09CE01028	Saurabh Kumar
09CE01029	Takle Swapnil Sanjay
09CE01031	Radhakrishna Thella
09CE01033	M Anil Kumar
09CE01034	Ankit Maurya
09CE01035	Rahul Kalyan
09CE01036	B Deepthi
09CE01037	Pramit Sarkar
09CE01038	Amit Sarkar
09CE01039	Ankit Gupta
09CE01040	Prinkesh Barodiya
09CE01041	Sourodeep Ghosh
09CE01042	Rohit Kumar Khattar
09CE01043	Mudireddy Hari Obula Reddy
09CE01047	Baibhab Kislaiy
09CE01050	Jalla Rama Krishna

Electrical Engineering

09EE01002	Niharika Challapalli
09EE01003	Pravir Singh Gupta
09EE01004	Chada Sricharan
09EE01005	Vinnakota V R S Vallabh
09EE01006	Mayank Bhargava
09EE01007	Arnav Acharyya
09EE01008	Kaligotla Krishna Chaitanya
09EE01010	Arpan Losalka
09EE01011	Bodala Indu Prasad
09EE01012	Manupati Praveen Kumar
09EE01013	Mohd Mahmood Pasha
09EE01014	Kalangi Sai Santhosh
09EE01015	C Mayur Sai
09EE01016	Partha Ghosh
09EE01017	Rohit Patnaik
09EE01018	Muppalla Krishna Sumanth
09EE01020	Nakerekanti Manoj Kumar
09EE01021	Lipsa Bharati
09EE01022	Merugu Benny Stephen
09EE01024	Avvaru Satya Venkata Sandeep
09EE01025	Biswajit Sahoo
09EE01026	Mediga Jyothsna
09EE01027	Beerappagari Sasikumar

2nd Convocation, 2013

09EE01028	Ritesh Kumar
09EE01029	Sourav Raj
09EE01030	Shashank Bhushan
09EE01031	Rakesh Kumar Mallik
09EE01032	Goutami Kaluva
09EE01033	Kothapally Sharath Chandra Pavan
09EE01034	Samireddy Poorna Chandra
09EE01035	Abhisek Mandal
09EE01036	Nitesh Kumar Patra
09EE01037	Nishant
09EE01038	Godavarthy Ramya Sri
09EE01039	Tatavarty N Sitapathi Nihar
09EE01040	Gudibandi Sai Srujan
09EE01041	Ankur Wadhwa
09EE01042	Kommanaboina Radha Alekhya
09EE01043	Pailla Tejaswy

Mechanical Engineering

09ME01001	Pamulooru Siddaiah
09ME01002	Puramsetti Venkat Vinay Kumar
09ME01003	Bathalapalli Arjun Vashista
09ME01004	Yettella Vineel kumar Reddy
09ME01005	Boggavarapu Sukesh

09ME01007	Astik Pritesh Shirish
09ME01008	Ravi Mishra
09ME01010	Vamshi Krishna Reddy I
09ME01015	Shikhar Shrestha
09ME01016	Godaba Hareesh
09ME01018	Kulkarni Rohan Ravindra
09ME01019	R Sricharan
09ME01020	Manas Pratim Pathak
09ME01021	Prabhakar Prasad
09ME01022	Varigunda Vishwanath
09ME01023	Pagadala Pranay Kiran
09ME01024	Karthikeyan P
09ME01025	Vemireddy Hari
09ME01026	Sundar Namala
09ME01027	Anup Kumar Sahu
09ME01028	Kottapalli Sravani
09ME01029	Nifal Rasheed Adam
09ME01031	Hareesh Kota
09ME01033	Palaka Narendra Babu
09ME01034	Sharada Prasanna Seth
09ME01035	Manojit Biswas
09ME01037	Spandana A
09ME01038	Gali Krishna
09ME01040	Ambhore Abhijeet Bhaurao

2nd Convocation, 2013

09ME01041	Patnala Srinivasa Ravi Teja
09ME01042	Shubham Mishra
09ME01043	Chinta Phani Rama Sandeep
09ME01044	Sumant V Laxmeshwar
09ME01046	Allamraju Haritha
09ME01047	Cherukuri Chaitanya
09ME01048	Anuj Kumar

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Prof. Ramakrishna Ramaswamy	Vice-Chancellor University of Hyderabad, Hyderabad
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Shri R. Gopalakrishnan	Director Tata Sons Limited, Mumbai
Dr. Chandra Shekhar Kumar	Commissioner-cum-Secretary Employment and Technical Education & Training Department, Government of Odisha, Bhubaneswar
Prof. Sujit Roy	Professor, School of Basic Sciences Indian Institute of Technology Bhubaneswar
Prof. Subhasish Tripathy	Professor, School of Earth, Ocean & Climate Sciences Indian Institute of Technology Bhubaneswar

Secretary

Dr. B. K. Ray	Registrar Indian Institute of Technology Bhubaneswar
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Dr. B. K. Ray	Member
Dr. Rajan Jha	Member
Dr. S. N. Panigrahi	Member
Dr. Asmita Shukla	Member
Dr. A. Sathyanarayana	Member
Dr. Sandeep Pattnaik	Member
Dr. A. K. Pradhan	Member
Dr. S. Pati	Member
Dr. C. Bhamidipati	Member
Shri Manas Kumar Behera	Member
Shri Pradeep Kumer Sahoo	Member
Dr. S. N. Routray	Member
Shri N. R. Maiti	Member

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2.	Designing the Backdrop and Decoration	Prof. S. Roy Shri B. K. Behera	Prof. Joy Sen, IIT Kharagpur Prof. P. Patnaik, IIT Kharagpur Sri Pradeep Kumar Sahoo
3.	Designing & Preparation of Medals & Mementoes	Prof. S. Tripathy	Shri N. R. Maiti Ms. Nibedita Patnaik
4.	Arrangement of Costumes	Prof. S. Roy Dr. S. Pati	Shri P. K. Sahoo Ms. Nibedita Patnaik
5.	Arrangement for Guests	Prof. V. R. Pedireddi Dr. B. K. Ray	Dr. S. N. Routray
6.	Electricity	Dr. P. K. Sahu Shri B. K. Behera	Shri D. R. Mohanty
7.	Audio	Dr. S. N. Panigrahi	Shri D. R. Mohanty
9.	Invitation	Dr. B. K. Ray	Dr. S. N. Routray Shri S. N. Patra Shri Pradeep Patnaik Ms. Poly Mohapatra
10.	Medical Assistance	Dr. N. K. Patnaik	Shri Basanta Das
11.	Finance	Dr. B. K. Ray	Shri M. K. Behera Shri Una Sujit
12.	Video & Still Photograph	Dr. B. K. Ray	Dr. S. N. Panigrahi

2nd Convocation, 2013

Sl. No.	Committee	Convener(s)	Member(s)
13.	Accommodation	Prof. V. R. Pedireddi Dr. B. K. Ray	Shri P. K. Sahoo Shri Pradeep Kr. Patnaik
14.	Transport	Dr. B. K. Ray	Shri P. K. Sahoo Shri Somnath Tripathy Shri Sambit Mohanty
15.	Participants and Audience Management	Dr. Rajan Jha	Dr. P. K. Sahu Dr. R. R. Dash Dr. Asmita Shukla Dr. S. Pal
16.	Publication	Prof. S. Roy Prof. S. Tripathy	Dr. Sathyanarayana A Dr. S. Pati Dr. A. Satapathy Shri N. R. Maiti
17.	Convocation Lunch	Dr. B. K. Ray	Dr. S. Pal Shri P. K. Sahoo
18.	Alumni Affairs	Prof. S. C. Dutta	Dr. T. V. S. Sekhar Shri A. Maharana
19.	Reception	Prof. S. K. Mahapatra Prof. S. Nayak Dr. S. Pal	Ms. Polly Mohapatra Ms. Geetanjali Panda
20.	Media & Press	Dr. B. K. Ray	Dr. S. N. Routray
21.	Security	Prof. V. R. Pedireddi	Shri Somnath Tripathy
22.	Web & Webcast	Dr. Sathyanarayana A	

