XIV CONVOCATION 2016

वार्षिक दीक्षांत समारोह

राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला

National Institute of Technology Rourkela

VISION To become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and graduate studies.

MISSION To advance and spread knowledge in tha area of science and technology leading to creation of wealth and welfare of humanity

NATIONAL INSTITUTE OF TECHNOLOGY

ROURKELA

XIV CONVOCATION

21 January 2017

Chief Guest

Padma Shri Alur Seelin Kiran Kumar
Secretry, Department of Space
Chairman, Space Commission and
Chairman, Indian Space Research Organisation

Prof. Animesh Biswas
Chairman, Board of Governors
& Director

Prof. R. V. Raja Kumar
Chairman, 14th Convocation

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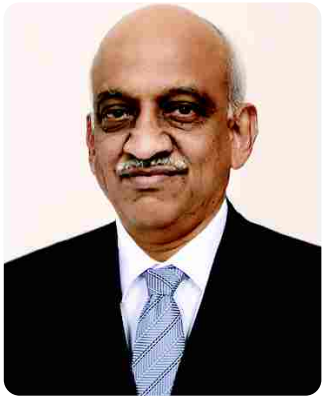
Programme

• 10.00 a.m.	:	Academic Procession Arrives (All present may kindly rise and rem standing till the dignitaries on the dias their seats)
• 10.02 a.m.	:	Invocation
• 10.05 a.m.	:	Convocation declared open by the Chairperson, Board of Governors
• 10.06 a.m.	:	Welcome address and presentation of re by the Director
10.21 a.m.	:	Award of Degrees
12.05 p.m.	:	Presentation of Medals
12.25 p.m.	:	Taking of pledge by the degree recipien
12.30 p.m.	:	Address by the Chairman, Board of Governors
12.40 p.m.	:	Convocation Address by the Chief Gues
01.05 p.m.	:	Convocation declared closed by the Chairman, Board of Governors
01.06 p.m.	:	National Anthem (All present may kindly rise)
01.08 p.m.	:	Academic Procession leaves (All present may kindly rise and rem standing till the last senator leaves the
01.30 p.m.	:	Lunch

Venue : NCC Ground, NIT Rourkela



The Chief Guest

Padma Shri Alur Seelin Kiran Kumar

Secretary, Department of Space
Chairman, Space Commission
Chairman, Indian Space Research Organisation

Born on October 22, 1952 in Hassan, Karnataka, Shri A. S. Kiran Kumar is the Chairman, Space Commission since January 14, 2015. Besides, he holds the offices of Secretary, Department of Space and Chairman, Indian Space Research Organisation.

Shri Kiran Kumar obtained his Physics Honours Degree from National College, Bangalore in 1971, M.Sc. Electronics from Bangalore University in 1973 and M.Tech. Degree in Physical Engineering with distinction from Indian Institute of Science, Bangalore in 1975.

He is steering the implementation of the applications-oriented Indian Space Programme, which has facilitated rapid development of the country in many important spheres of earth observation, communication, navigation, meteorology and space science, as well as the development of indigenous launch vehicles and related technologies for providing assured access to space.

He has contributed to the design and development of more than 50 Electro-Optical Imaging Sensors flown on Space borne platforms starting from Bhaskara TV payload in 1979 to the payloads onboard the Mars Orbiter Mission in 2013.

He played a crucial role in Chandrayaan-1 mission right from the conceptualisation stage and has made exemplary contributions to the success of Mars Orbiter Mission and Reusable Launch Vehicle Technology Development (RLV-TD).

Shri Kiran Kumar has been the Chair of the Committee on Earth Observation Satellites (CEOS) in 2012. He has made valuable contributions to Coordination Group of Meteorological Satellites (CGMS), Expert Team on Satellite Systems World Meteorological Organisation (ETSAT of WMO) and Indo-US Joint Working Group on Civil Space Cooperation.

Shri Kiran Kumar is a Fellow of Indian National Academy of Engineering, Indian Society of Remote Sensing, Institution of Electronics & Telecommunications Engineers, Indian Meteorological Society, Gujarat Science Academy and Andhra Pradesh Akademi of Sciences and an elected member of International Academy of Astronautics. He has been conferred with more than 10 Honoris Causa from prestigious Universities including Kaziranga University and Dr APJ Abdul Kalam Technical University.

He has co-authored more than 81 technical papers in Journals / Symposia / Conferences.

In recognition of his contributions, he was conferred with Padma Shri award by the President of India in 2014. The Government of Karnataka honoured him with Rajyostava Award for the year 2015 for his contribution to space science & technology and `Sir M. Visvesvaraya Senior Scientist State Award' for the year 2013. He is the recipient of IISc Distinguished Alumnus Award for the year 2015, Gujarat Ratna `Life for Innovation' Award conferred by Gujarat Innovation Society in 2014 and Lifetime Achievement Award by Andhra Pradesh Akademi of Sciences in 2016, G.M. Modi Science Award by Gujar Mal Modi Science Foundation in 2016.

Chief Guest's Speech

Padma Shri Alur Seelin Kiran Kumar

Secretary, Department of Science
Chairman, Space Commission and
Chairman, Indian Space Research Organisation

Chairman of the Board of Governors and Director of the Institute, Prof. Animesh Biswas; Members of Board of Governors, the Senate, Deans, Heads of Departments, Faculty members, invited dignitaries, all the Students who are graduating today, staff of the institute and ladies and gentlemen, I feel it a matter of great privilege and honour to be amongst you and to address the gathering on the occasion of the 14th Convocation of the National Institute of Technology, Rourkela.

At the outset, let me congratulate all the students who are receiving their coveted graduation/post graduation/ doctoral degrees today - a landmark in their academic life achieved through dedicated performance. Let me also congratulate the faculty members for enabling these students to achieve this goal through best of the training and guidance.

The Institute

As we know, the erstwhile Regional Engineering College (REC) Rourkela foundation stone of which was laid by India's first Prime Minister, Shri Jawaharlal Nehru on August 15, 1961, has now become National Institute of Technology, Rourkela since 2002 functioning under the Ministry of HRD. It is heartening to learn that this academy of excellence is now one of the 31 National Institutes of Technology in India and has been recognized as an Institute of National Importance by the National Institutes of Technology Act, 2007.

This campus in the lap of a lush, picturesque locale is providing the right ambience for learning.

Located in the steel city of Rourkela the institute is well known for its research related activities. It has been offering Graduate, Post-Graduate and Doctoral programmes in a number of branches of Science, Technology, Arts and Management. I understand, the institute has been giving due importance to the overall development of the students enabling their smooth transition to the professional environment as well as in developing teaching and research collaborations with international institutions and industries.

Knowledge, Learning and Education

Acquiring knowledge plays a crucial role in the overall development and helps to progress in one's life. We gain knowledge mainly through education and from a range of mediums such as, literature, philosophy, history and most

importantly from one's own experiences. An individual is empowered with creative thinking, knowledge and reasoning through education.

In the last decade, the Indian education system has made considerable progress in terms of capacity creation and enrolment. By providing better higher education, the nation creates an intellectual repository of human capital to meet the country's needs and shapes its future.

An educational system gets enriched when it inculcates values like sacredness of knowledge, devotion to truth blended with modern science, scientific temper, rationality of outlook, fearless and objective investigation into the nature and the physical world, technological skill, work efficiency and team work.

Technology Advancements

Since the advent of industrial revolution, scientific and technological developments have immensely impacted the humanity.

Modern means of transport, communication and production; medical, biological and genetic sciences; new materials; nuclear technology; space research and digital technology have transformed human life. Similarly, new means of production and transmission of energy have intruded into every sphere of our life from cooking to washing, shopping to entertainment, production to transportation and communication.

India has a strong focus on science and technology, realising that it is a key element of economic growth.

Preserving the Environment

As we know, science and derived technologies have brought in astonishing changes in the field of health, defence, education entertainment, communication and social life. At the same time, as trade and commerce grew at phenomenal rate at the cost of environment, it caused irreversible damage to the planet's environment through pollution, degradation and contamination. We need to understand the implications of overusing the natural resources, respect all species and learn from them how to co-exist with nature.

Whenever, we adopt a new technology for our advantage, we have to look both the sides of the coin. It is just possible that for our immediate and short-term gains we are causing irreparable damage to our environment.

As the population keeps growing to meet the energy requirements of the country in a clean, sustainable and efficient manner is of utmost significance. You need to innovate and bring in techniques which help the country grow without adverse impact looking for alternate energy sources which are made available to consumers locally, reducing the need for mega scale generation and distribution systems.

Living harmoniously with nature, our ancestral cultures left little negative impact on the environment. However, the level of harmony in which human civilisations and nature have coexisted has varied over time. Only when we learn to live in harmony with nature, could we expect nature to behave in the manner that has been there for several hundred years. When man indulges in affecting nature and its composition through pollution and deforestation, humankind will be forced to repent for generations. The consistent digression in quality in which human beings use the natural resources they are provided with, is alarming.

Sustainable development requires implementation of environmentally friendly technologies which are both efficient and adapted to local conditions. It allows improvement in economic performance while minimizing harm to the environment by increasing the efficiency in the selection and use of materials and energy sources, control of impacts on ecosystems, development and permanent improvement of cleaner processes and products, introducing environmental management systems and development of activities for increasing awareness and promotion of sustainable development.

Innovative Technologies for National Development

Advanced and innovative technologies offer multitude of opportunities to address a number of challenges that impact the society in general. India has been able to effectively tap one such technology – Space Technology – for the benefit of its common citizens and for national development programmes.

Strides in satellite remote sensing, global navigation satellite systems and geographic information systems now make it easier to integrate ecological, environmental and other information for developing predictive models that can be used in the surveillance and control of diseases such as malaria and dengue fever. Earth observation from space, complimented with other applications, is a cost-effective method for effective monitoring of environment and management of land, ocean and fresh water resources, and providing essential data to decision-makers. Once converted into practical information, these data could be used to formulate policy and implement programmes at the national, regional and international levels.

During its initial years of development itself, ISRO could make use adaptive technologies like, Push Broom technology for early Indian Remote Sensing imaging, 3-in-1 concept for INSAT series facilitating Meteorology, Communication and Broadcasting applications from one platform and to the latest innovative earth burns for capturing Moon and Mars orbits for non-availability of direct GTO launch vehicles, successfully and cost-effectively.

The grand success of ISRO's Mars Orbiter Mission is a result of tremendous team effort and innovative use of limited resources to achieve defined goals. ISRO is moving forward with the development of advanced earth observation satellites, navigation and communication satellites, heavy lift launchers, reusable launch vehicles, cryogenic engines, low cost access to space, development of composite materials for space applications, etc.

Learning – A Lifelong Process

Dear Students, you are all at a very interesting point in your life. After spending your time within the confines of a protected environment of school, college you will now be exposed to the realities of the world. Life outside the walls of a college or university is very different. How well you perform in this real world depends on your ability to use the Knowledge you have acquired, skills you have learnt and how to adapt to a work environment.

We need to improve our skills and abilities to address the issues objectively through rigorous scientific approach wherein all the implications of tackling the problems we are facing through many different options. As we know, skills that were the most advanced a decade ago may have become obsolete as new technologies came into existence.

Continuous learning gains relevance in this backdrop for it gives you an upper hand in this highly competitive and fast changing world. The more you know about the world and developments, the deeper you can plunge into it enabling you to realise how many references and meanings you've missed. To become an effective learner you need to adopt a positive and progressive mindset.

Skill building can be viewed as an instrument to improve the effectiveness and is as important an ingredient to push the production possibility frontier outward and to take growth rate of the economy to a higher trajectory.

Before I conclude, let me remind you of the wonderful opportunities available to each one of you in making use of the knowledge and the skills you have acquired, and the need for continuing to acquire them to address the issues facing us thus leaving a footprint of yours in this world being a path breaker.

I wish all the graduating students a very bright future.

Jai Hind!

Chairman, XIV Convocation

Prof. R. V. Raja Kumar

Director, Indian Institute of Technology Bhubaneswar

Prof. Ratnam V. Raja Kumar was born in Machilipatnam, India. He received his BE degree from Andhra University, Visakhapatnam, topping all branches of engineering in 1980, M.Tech., and Ph.D., in 1982 and 1987 respectively from IIT Kharagpur, all in Electronics and Communication Engineering.

He has been serving as a professor of Electronics and Communications engineering at IIT Kharagpur, starting his career as a member of the faculty in 1984. He served as the first Vice-chancellor of Rajiv Gandhi University of Knowledge Technologies (RGUKT), Hyderabad from 2010-15, met the challenges of building this new University into a model for quality Engineering education and helped its realization despite its grand annual intake of 6000 rural students, through several innovations, raising quality faculty and by creating world class laboratories. The university won awards for its innovative ICT based education and pedagogical systems created under his leadership. He also served as the Dean of Academic Affairs of IIT Kharagpur from 2003 to 2006, as the Chairman of the G S Sanyal School of Telecommunications, a school of excellence for research in Telecommunications till 2005 and headed the Vodafone Essar - IIT Center of Excellence in Telecommunications from 2007 to 2010 besides other assignments. He served on several governing, research and advisory boards, national committees and was also instrumental in the initiation of the INDEST Consortium. He made the perspective plan for the growth of IIT Kharagpur and also was responsible in bringing important academic reforms in the Undergraduate education at IIT Kharagpur. He was in the University of Michigan, Ann Arbor in 1988 on a visiting assignment.

His research areas include Digital Signal Processing, Wireless Communications, Detection and Estimation and VLSI systems for Communications. He has over 160 research papers in reputed international journals and conferences and has supervised the theses of over 140 students at different levels. He authored three video courses in engineering, which were also telecasted nationwide, for undergraduate and Masters programmes. He is presently engaged in active research on Green radio, Cognitive radio and GLRT based detection systems. Quality of technical education is also of his concern, made significant contributions and served on the boards of studies of several institutions and contributed in curricular design exercises.

Prof. Raja Kumar made significant contributions to technology development through prestigious national projects. Designing a sonar homing system for the first ever torpedo developed by India, designing communication systems for defense and drawing the plan for development of Cognitive Radio for DRDO are a few of the many similar contributions made by him. The BOYS-CAST research grant from the Department of Science and Technology, Government of India in 1987, the Baroda Chapter national award of ISTE in 2007 and the best student paper award in the 1984 IEEE Region 10 Graduate Paper Contest are a few of the numerous awards and distinctions held by him. He served as the general chair, TPC chair and on Committees of several national and international conferences.

Chairman's Address

Prof. R. V. Raja Kumar

Director, IIT Bhubaneswar
Chairman, XIV Convocation, NIT Rourkela

Shri A. S. Kiran Kumar, Chairman, ISRO and Chief Guest, Esteemed Members of the Board of Governors, Prof Animesh Biswas, Director of the Institute, Members of the Senate, Registrar, Members of the Faculty, Staff of the Institute, Recipients of Degrees and Awards, Alumni, Distinguished Guests, Media Friends, Ladies and Gentlemen!

It is indeed a moment of immense pleasure for me to be addressing this august gathering at the 14th Convocation of the National Institute of Technology, Rourkela on the behalf of the Chairman, Board of Governors. It is a momentous occasion for all of us present here, and a historic day in the lives of all those students who have passed during the last academic session and are visiting their alma mater today to receive their coveted degrees, which they have earned through sheer hard work and dedication and their proud parents. On this occasion, I would like to express my gratitude to all the faculty members of the institute who have trained and shaped you to become what you are today, as a very valuable human resources and citizens that our country can be proud of. Needless to say, this would not have been possible without the constant motivation and guidance of Prof. Sunil Kumar Sarangi, former director who has been instrumental in making NIT Rourkela what it is today, and Prof Animesh Biswas, the present Director of the institute who has taken on the responsibility of the institute since October 2016 at a crucial juncture and trying tp take the institute into future. Mention must also be made of the highly capable supporting staff for their role in making this institute as a premier institution of the country.

Friends, today NIT Rourkela is not only ranked among the top institutions in the country, but also positioned well amongst good universities of the world. I am happy to share with you that the Times Higher Education World University Rankings 2016 have placed this institute among the top 601-800 universities of the world, and QS University rankings BRICS 2016 have listed NIT Rourkela in the list of 111-120 top universities amongst BRICS nations. This is a feat that has not been achieved by any other NIT of this country. Today the institute offers education in diverse areas starting from Engineering and Technology, to Architecture, Science and Humanities and Management with a good degree of interweaving in the disciplines. It is a large institute with a student strength of nearly 6000 at present, and growing every day. With each discipline supporting the growth of the other disciplines through constant interaction and intellectual stimulation among faculty and students.

Dear graduates!

It is heartening to note that in this convocation there are more than 1300 students being awarded their degrees, which is a matter of great pride for all of us. I know that here I am addressing some of the very bright and smart

young men and women. I congratulate you and your proud parents on your resounding success at NIT Rourkela. As a predecessor to you by a few decades in my career as an engineer and academician, I take this opportunity to advise on a couple of important matters.

Having acquired the right skills at NIT Rourkela, now you have joined the global poor of technocrats. Whichever corner of the world you may be going, you can be proud of your alma mater. I am sure, you would be thankful to your institute which has done everything to empower you with right training on engineering skills, forget not your institute and do whatever you can for the betterment of it. I call upon you to stay connected with the institute and continue cherish your fond memories.

Secondly, I would like to remind you about an important responsibility of yours. Today, the world in general and India in particular are going through a critical phase with several challenges. Some of the grand challenges being faced include climate change, health care, safe drinking water, malnutrition, terrorism, education and depletion of natural resources. Please recall that the country educated you and look forward to you for your services in improving the situation. Here lies a grand opportunity to you to take up research, development activity, innovate, take up entrepreneurship, contribute, serve and also make a big mark. You are all now empowered with a very good education at governments expense and must have been well settled in a good job of your choice. We still have a considerable fraction of our children who are less privileged, find it difficult to even get a square meal a day, leave alone the opportunity to complete their studies. In these conditions it becomes our responsibility to give back to the society which has given so much to us. We need to pay our attention and make innovative contributions in improving the conditions of the less fortunate ones of our society. At the end of the day nothing can match the sheer joy in the face of someone in whose life you have brought about a perceptible change for the better. Our hon'ble Prime Ministerji is trying to inspire the nation with several missions like Make in Inida, Startup India and Digital India apart from the others. Any contribution made to these missions in any form would also help in going a long way in improving the situation significantly. I am sure, the kind of training that you have been imparted with during your studies at NIT Rourkela will hold you in good stead and you will come across with flying colours if you participate in such programmes in a spirited way.

My best wishes to each and every one of the degree recipients. I sincerely wish that all of you will work hard with dedication, your dreams come true, and at the end of the day you can feel a lot of meaning for your life and hold your heads high. I also take this opportunity to wish all the best to Prof Animesh Biswas all the best in bringing NIT Rourkela further up by contribution of his vision and hard work.

Thank you and Jai Hind!

Director's Report

विद्या ददाति विनयं, विनयाद् याति पात्रताम्।
पात्रत्वाद् धनमाप्नोति, धनाद् धर्म ततः सुखम्।।

Vidya Dadaati Vinayam, Vinayad Yaati Patratam,,
Patratwad Dhanamaapnoti, Dhanad Dharmam Tatah Sukham.

Honourable Chief Guest Padma Shri A.S. Kiran Kumar, Chairperson of today's Function Prof. R.V. Raja Kumar, Members of Board of Governors, Members of the Senate, Deans, Heads of the Departments, Centres and TSUs, Faculty Colleagues and Staff of this Institute, Distinguished Guests, Recipients of Degrees and Awards, Nominees of Electronic and Print Media, Alumni, Students, Ladies and Gentlemen:

On behalf of the Senate, National Institute of Technology, Rourkela, and on my own behalf, I consider it an honour to welcome you all to the Fourteenth Convocation of our Institute. Ladies and gentlemen, I proudly mention before you that in this Convocation, we are conferring the much-valued degrees of NIT Rourkela on 532 B.Tech, 48 M.Sc., 15 MA, 32 MBA, 461 M. Tech, 61 Integrated M.Sc. (5 year), 126 Dual degree (B.Tech and M.Tech), 27 M.Tech. by Research and 103 Ph.D. students. I extend my heartiest congratulations to all of you!

To share our happiness and pride on this great occasion, we have with us not only the parents and siblings of these worthy students but also two very eminent personalities, Padma Shri A.S. Kiran Kumar and Prof. R. V. Raja Kumar. Ladies and Gentlemen, before I present the highlights of the activities of our Institute during the past one year, let me have the honour of introducing them to you.

Born on October 22, 1952 in Hassan, Karnataka, Shri A.S. Kiran Kumar is the Chairman, Space Commission, since January 14, 2015. Besides, he is Secretary, Department of Space and Chairman, Indian Space Research Organisation.

Shri Kiran Kumar obtained his Honours Degree in Physics from National College Bangalore in 1971. He obtained his M.Sc. degree in Electronics from Bangalore University in 1973 and M.Tech. Degree in Physical Engineering with distinction from Indian Institute of Science, Bangalore in 1975.

He is steering the implementation of the application-oriented Indian Space Programme, which has facilitated rapid development of the country in many important spheres of earth observation, communication, navigation, meteorology and space science, as well as the development of indigenous launch-vehicles and related technologies for providing assured access to space. He has contributed to the design and development of more than 50 Electro-Optical Imaging Sensors flown on Space borne platforms starting from Bhaskara TV payload in 1979 to the payloads onboard the Mars Orbiter Mission in 2013. He played a crucial role in Chandrayaan-1 mission right from the conceptualisation stage and has made exemplary contributions to the success of Mars Orbiter Mission and Reusable Launch Vehicle Technology Development (RLV-TD).

Shri Kiran Kumar has been the Chair of the Committee on Earth Observation Satellites (CEOS) in 2012. He has made valuable contributions to Coordination Group of Meteorological Satellites (CGMS), Expert Team on Satellite Systems–World Meteorological Organisation (ETSAT of WMO) and Indo-US Joint Working Group on Civil Space Cooperation.

Shri Kiran Kumar is a Fellow of Indian National Academy of Engineering, Indian Society of Remote Sensing, Institution of Electronics & Telecommunications Engineers, Indian Meteorological Society, Gujarat Science Academy and Andhra Pradesh Akademi of Sciences and an elected member of International Academy of Astronautics. He has been conferred with more than 10 Honoris Causa from prestigious Universities including Kaziranga University and Dr APJ Abdul Kalam Technical University. Further, he has co-authored more than 81 technical papers in different Journals of repute.

In recognition of his contributions, he was conferred the Padma Shri award by the President of India in 2014. The Government of Karnataka honoured him with Rajyostava Award for the year 2015 for his contribution to space science and technology and 'Sir M. Visvesvaraya Senior Scientist State Award for the year 2013. He is the recipient of IISc Distinguished Alumnus Award for the year 2015. In addition, he has been honoured with Gujarat Ratna'Life for Innovation' Award by Gujarat Innovation Society in 2014 and Lifetime Achievement Award by Andhra Pradesh Akademi of Sciences in 2016. He has also received the G.M. Modi Science Award by Gujar Mal Modi Science Foundation in 2016.

We equally extend a warm welcome to Prof. R. V. Raja Kumar, Director, Indian Institute of Technology Bhubaneswar, who is Chairperson of today's Convocation. Prof. R. V. Raja Kumar was born in Machilipatnam, India. He received

his BE degree from Andhra University, Visakhapatnam, topping all branches of engineering in 1980, M.Tech., and Ph.D., in 1982 and 1987 respectively from IIT Kharagpur, all in Electronics and Communication Engineering.

He has been serving as Professor of Electronics and Communications Engineering at IIT Kharagpur. He served as the first Vice-chancellor of Rajiv Gandhi University of Knowledge Technologies (RGUKT), Hyderabad from 2010-15, met the challenges of building this new University into a model for quality Engineering education and helped its realization despite its grand annual intake of 6000 rural students, through several innovations, raising quality faculty and by creating world class laboratories. He was in the University of Michigan, Ann Arbor in 1988 on a visiting assignment.

His research areas include Digital Signal Processing, Wireless Communications, Detection and Estimation and VLSI systems for Communications. He has over 160 research papers in reputed international journals and conferences and has supervised the theses of over 140 students at different levels. He authored three video courses in engineering, which were also telecasted nationwide, for undergraduate and Masters programmes. He is presently engaged in active research on Green radio, Cognitive radio and GLRT based detection systems. Quality of technical education is also of his concern, made significant contributions and served on the boards of studies of several institutions and contributed in curricular design exercises.

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Convocation is a very special day for all our graduating students. Ladies and gentlemen, I am sure the presence of such distinguished persons among us will motivate our young graduates to work hard to take the Institute to new heights.

As the curtain rises on yet another Convocation, today's ceremony becomes the most opportune moment to reflect upon the accomplishments, events and activities that unfolded in our Institute during the past one year. Before I present the highlights of our activities during the past one year, let me present to you a few special thoughts that have been the guiding principles on our path of leading this Institute to an International level. Our nation has initiated the massive Make in India programme, and ambitious programmes at national level have been taken up towards economic and technological reforms. At NIT Rourkela, our effort has always been to be a visible part of this nation-building process. Our Vision which has to be realized in the near future is "to become an internationally acclaimed institution of higher learning that serves as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and graduate studies". And our Mission is "to advance and spread knowledge in the areas of science and technology leading to creation of wealth and welfare of humanity". This vision and mission have been supported by well-articulated guiding principles which lay emphasis on affirmative action towards achieving an all-India character of faculty, staff and student population, challenging academic standards, to creation of wealth and research leading to welfare of humanity, a simple and organized personnel structure, and a transparent and decentralized administration. The institute has also given itself an ethics policy, a quality policy and a transparency policy which reflect its determination to give its constituents a truly participatory administration. Now, ladies and gentlemen, let me present a brief report on our activities over the past one year that has contributed to the growth of our institute in a holistic manner.

Ladies and gentlemen, in 1961, the Institute (then called the Regional Engineering College Rourkela) started with only three under-graduate programmes in the disciplines of Mechanical, Electrical and Civil Engineering. Over the years it gradually evolved. I am proud to say that today NIT Rourkela offers B.Tech degrees in 14 disciplines across 12 departments, M.Tech degrees in 30 specializations in 11 departments, M.Tech dual degree programmes in 14 specializations across 9 departments, Integrated Master of Science programmes in Chemistry, Physics, Mathematics, and Life Science and Master of Science programmes in Chemistry, Physics, Mathematics, Life Science, Applied Geology and Atmospheric Science and Master of Arts in Development Studies offered by the Department of Humanities & Social Sciences, Bachelor of Architecture by the Department of Planning and Architecture and MBA degree with specialization in Finance, Marketing and Human Resources by the School of Management.

I am happy to announce that this calendar year our institute has been ranked among the top institutions nationally and internationally. Times World Ranking of Universities has placed NIT Rourkela in the list of 601-800 world universities in 2016-17. QS University Rankings, BRICS 2016 has placed NIT Rourkela in the list of 111-120 top universities in Brazil, Russia, India, China and South Africa. We are the only NIT to have been featured in these international

rankings. In addition, we have figured in 19th rank in NIRF initiated by MHRD. As of accreditation of different academic programs, all our undergraduate programs have been accreditated by NBA, for five years in most cases. Majority of masters programs have also been accreditated. We are in process of NBA accreditation of remaining academic programs. In addition, our institute has also been accreditated with 'A' rank by NAAC in 2016.

As a part of the Institute's progressive strides in the teaching-learning process, the A.N. Khosla Centre for Technology Enabled Learning, which was off late inaugurated, is the beginning of a step to use the potential of Information and Communication Technology (ICT) in the Teaching Learning (T-L) process. The objective of the centre is to create the e-content by recording the class room lectures of the faculty members. Till now we have generated the e-contents for about 50 subjects for almost 1800 hours of lectures and the same has been uploaded in our Institute website for the reference of the students and researchers. Out of seven sanctioned GIAN(Global Initiative for Academic Networks) courses, five courses have been recorded to commence the outreaching activities by faculty members from different countries such as Czech Republic, Spain, United States of America and Australia. We have conducted few workshops under T10KT project of MHRD, GoI in collaboration with IIT Bombay. Our students have successfully taken up few courses of ISRO with the help of the centre. The parallel aims are the use of ICT for e-content generation and distribution, and encouraging creativity and innovation in teaching, instructional planning and delivery. The centre is now creating the e-content for SWAYAM MOOCs of Govt. of India. The Centre will provide exposure to the teaching community to the different pedagogical elements like active learning processes, flipped classrooms, MOOCs, Blended MOOCs and techniques like think-pair-share, etc. This is an initiative from NIT Rourkela to sensitize the greater academic community of our country in the area of Technology Enabled Learning and to explore the potential of ICT in technical education.

I am happy to announce that this academic year our research output has been significant. In addition to multiple other research works, as many as three of our research papers have been published by one of the prestigious Nature Publishing Group (NPG) Journals. Faculty members from the Department of Life Science and the Department of Ceramic Engineering have contributed to in NPG journals and I record my appreciation for the same. As many as five academic books have been published by the prestigious Oxford University Press, Cambridge University Press, Scientific Publishers and CRC Press. I record my appreciation for faculty members from Humanities and Social Sciences, Department of Physics, Department of Mechanical Engineering and the Department of Ceramic Engineering for this outstanding work. In addition, the Department of Humanities and Social Sciences has received sanction from the Ministry of Tribal Welfare to open a Centre of Excellence in Tribal Studies.

I am also happy to announce that Dr. Santanu Kumar Behera of Ceramic Engineering, Dr. Tarapad Roy of Mechanical Engineering, Dr. Santos Kumar Das of Electronics and Communication Engineering, and Dr. Krishna Pramanik of Biomedical and Biotechnology Engineering have been approved one project each under IMPRINT, an initiative by the Government of India to make the Make in India Programme a grand success.

I take pride in saying that, faculty members of our Institute have filed 35 patents. Out of that 4 patents and 1 design patent are granted.

Our students and faculty have brought laurels to our Institute, adding to the prestige NIT Rourkela has on the national and international scenario. Prof. R.K. Patel of Chemistry Department has received Professional Excellence Awards 2016 by Youth Movement Federation of India. Jnana Ranjan Khuntia, M.Tech. in Civil Engineering, 2016 received Prof. U. C. Kothyari Best M.Tech Thesis Award from Indian Society of Hydraulics at CWPRS, Pune in December 2016. Prof. P. Kale of Electrical Engineering Department has received the best paper award at ICGET Conference 2016. Prof. P.M. Khilar of Computer Science and Engineering Department is conferred with the IET Networks Premium Awards 2016.

During this academic year, many reputed personalities from academics, industry and social walks of life visited NIT Rourkela. Some of them include Ashutosh Dutta, Director of Technology Security – Mobility and Virtualization at AT&T;Architect Karan Grover, Founding Director of Karan Grover and Associates, Prativa Panda, Odissi dancer, Sunidhi Chauhan, the Diva of Bollywood, Dr. Surya Narayan Mohapatra, former Chairman, President and Chief Executive Officer of Quest Diagnostics Inc., Prof. Amitabha Ghosh, former Director IIT Kharagpur, Dr. Anil Kakodkar, Former Director, BARC, K. B Saxena, Retired IAS officer and former Principal Advisor Planning Commission, GOI, Prof. Kamal Misra, Vice-chancellor, Utkal University of Culture, Bhubaneswar.

The Institute has received from the Government of Odisha a generous allocation of one acre property in a prime location to set up the NIT Rourkela Outreach Centre at Bhubaneswar. The work order for construction of boundary wall has been issued. The construction work will start soon. The outreach Centre, when ready, will facilitate faculty development through courses offered in both contact and distance modes and interaction with industry through continuing education, consultancy and technical discussions. There will also be provision for placement and promotion of business ventures.

Our campus is becoming a sought after destination for international students from both SAARC and non-SAARC countries through exchange programmes administered by DASA, ICCR and MEA. In addition to student exchange, the Institute has entered into bilateral and multilateral agreements with universities abroad for research collaboration. A large number of faculty members have visited foreign universities for collaborative discussion and joint research during the present academic year.

Technology incubation has been globally recognized as an important tool for job creation and economic development. At NIT Rourkela, Centre for Technology Innovation and Industry Relations (TIIR) is set up in the spirit of supporting Technology Business Incubatees and to tap innovations and technologies for venture creation by utilizing expertise and infrastructure already available with the host institution. Technology-based new enterprises are high risk and high growth ventures, and require an enabling environment like TBI to enhance the prospects of their success. The need for instruments such as TBI has been recognised world over for initiating technology-led and knowledge-driven enterprises. In addition to incubation facilitates, TIIR supports industrial houses, specifically local industries to set up their R&D centres on our campus. These centres, small or big, will foster industry-oriented research by teams consisting of engineers from industry, faculty and students of the institute. At present TIIR houses 18 start up companies, most of them are either alumni or our present students involving in range of activities from manufacturing and engineering to e-commerce businesses. The likes of Phoenix Robotix Pvt. Ltd., Estinno, Penny India have already created a huge buzz in Odisha and beyond. TIIR also supports student and faculty entrepreneurship through supports from government agencies like NSTEDB, MSME, DST and NITI Aayog. Innovation and Entrepreneurship Development Centre (IEDC) funded by NSTEDB with a funding of Rs. 47.00 Lakhs has already supported 13 product development projects. For the year 2016-17, eight student projects are selected for funding. TIIR, NIT Rourkela as per recommendation of DST has set up a Section-8 company "Foundation for Technology Business Incubation" for supporting entrepreneurship and innovation with a funding of Rs. 400 lakhs. TIIR has also applied for a NITI Aayog promoted "Atal Innovation Centre" for a funding of Rs. 10 crore and has been selected in the first round. NIT Rourkela has the privilege to be invited for presenting its work related to innovation and entrepreneurship in the Rashtrapati Bhavan on 15 March 2016 and received accolades from many intellectuals.

An institution of higher learning needs superior scientific infrastructure to carry out world class research. With this in view, we have constantly upgraded the laboratories and other facilities. During this year, Civil Engineering department has procured a Repeated Load Testing equipment for highway testing worth 25 Lakhs and a Flexible permeameter worth 15 Lakhs. Electrical Engineering Department has procured a Programmable Power Source worth 22 Lakhs,

a 3 Phase FACTS Controller worth 17.43 Lakhs, and a Power Quality Analyser worth 16 Lakhs. Mining Engineering Department has procured a Mercury Porosimeter worth 26 Lakhs. Department of Chemistry has procured a Spectrofluorometer worth 32 Lakhs and a Bench top flow cytometer worth 23 Lakhs. Department of Physics and Astronomy has procured a Vibrating Sample Magnetometer worth over 1 Crore.

The Biju Patnaik Central Library (BPCL) functional since 1965 has always been a pioneer in technical documentation and information management. The BPCL house-keeping operations are now fully automated with state-of-the-art tools that facilitate self check-in/check-out and automatic security system. The RFID system counts more than one lakh transactions (issue, return and renewal) in a year and approximately two lakh users visit the library annually. The BPCL presently has access to over 78,000 books, 10,000 e-books, 10000 NPTEL videos, 18,000 back volumes of periodicals and subscribes to 90 print periodicals, 24 full text and 8 databases which provide access to more than six thousand online journals including archive collections. During the current year, our library has added close to four thousand book volumes and more than six hundred e-books. e-Papers@NITR (DSpace), the Institutional Repository, has 2382 publications by faculty, research scholars and students. E-Thesis@NITR (e-Prints), a repository, has 5523 theses archive by research scholars and students. NITR documents, an official repository of key documents of NITR, such as Minutes of BOG, Senate, HOD, MoUs, Accreditation & Ranking, etc. The BPCL also has a rich collection of IS codes, educational video courses and audio-visual materials. It organizes the Annual Book Fair facilitating easy access to and procurement of the latest publications for both the Institute and individuals. As part of Institutional Social Responsibility, BPCL has digitized 550 rare Odia books to preserve the cultural heritage for the future generations.

I am happy to announce that e-Thesis@NITR has been ranked 4th among the top repositories in India and 501 among other institutions around the world. Similarly, e-Papers@NITR - the repository of all intellectual output of NITR is ranked at the 7th place in India and 636th in the world. This ranking is published in the July 2016 edition of Ranking Web of World repositories, an initiative of the Cybermetrics Lab, a research group belonging to CSIC (Consejo Superior de Investigaciones Científicas), the largest public research body in Spain.

I am also glad to inform that NIT Rourkela stood 1st among all other NITs with respect to scholarly output and its h-index, i.e., 5146 publications with 63 h-index as per the Scopus database and 3581 publications with 52 h-index as per Web of Science database.

Our Institute organized the Inter-NIT Sports meet in Football, Kho Kho and Kabaddi tournament from 12-14 February 2016. 450 students from 20 NITs participated in the tournament and it was a grand success. Our institute's Kabaddi team (men) became Champion and Kho-Kho (men and women) teams became Runner-up. Our institute's Cricket, Basketball, Badminton, Hockey, Chess, Swimming, Power Lifting, Weight Lifting and participated in Inter-NIT Sports meet/tournament conducted by other NITs. The chess team (men) bagged the Runner up Trophy in the Inter Nit Chess Tournament at VNIT Surat. Rahul Lamba won the title of Best Board Player in Chess (men category). Our institute's athletics team also put up an impressive show bagging 12 medals (Gold-5, Silver-2, Bronze-5), Women Athletics team got Championship and Kabaddi (men) got championship in All India sports meet held at IIT BHU.

The academic year of 2015-16 was a very eventful one for the literary and culturalsociety of SAC. Apart from the two grand fests Multi-ethnic and NITRutsav, the society organized many exhibitions, workshops and competitions.A week-long exhibition commencing on 29th July 2015 was organized in the Rajendra Mishra Exhibition Hall in the honour of Dr. APJ Abdul Kalam. It displayed sketches, quotes, collages, posters, and writings contributed by students and faculty members of NITR which showcased his life and works. A lecture series was also organized to commemorate his legacies. The 54th Foundation Day of the Institute was celebrated on the 15th August 2016 in BBA where our esteemed alumnus Sri Rajendra Prasad Gupta was invited as a guest speaker. His lecture on "Role of Engineers in the prosperity of the nation" was followed by the distribution of the academic excellence, sports excellence and SAC awards.In the evening, with SPIC Macay NITR chapter, Padma Shri Jatin Goswami performed Sattriya dance. Pantomime, Ritvic, Mavericks and Synergy Clubs also performed later which was highly applauded. The four-day long Multi-ethnic fest from 8-11 October 2016 was organised displaying NITR as a melting pot of culture. The 100th birth anniversary of Prof. Bhubaneswar Behera was observed on 1st January 2016 in BBA who was one of the iconic teachers and principals of REC Rourkela. The literary and debating club of NITR, CLARION arranged a debate competition to commemorate this day. The Film and Music Society had conducted the Celebrity Nitewhich was held on 29th April 2016 at DilipTirkey Stadium. Sunidhi Chauhan, popular Bollywood singer, and her troops performed on this occasion. The show was a huge success.

Ladies and Gentlemen, sponsored research and industrial consultancy are hall marks of an institution of higher learning. NIT Rourkela has traditionally been known as a leader in this aspect among comparable institutions across the country. To present an overview, a total of 58 consultancy projects with a gross value of nearly INR 3.8 crores and 72 sponsored projects with a gross value of INR 28 crores are being pursued in different departments of our

Institute. During the calendar year 2016, the Institute has received sanction of 48 sponsored projects with a total value of INR 12.44 crores and 32 consultancy projects with a total value of INR Four Crore. In addition to these projects, funds to the tune of INR 1.1crore have been obtained for a "Development and Demonstration of Dense ceramic Membrane-Based Technology for Separation of Hydrogen and Oxygen Gases" from Department of Science and Technology (DST).

Short term courses, conferences, seminars and workshops are important academic activities that foster interaction among scientists and engineers, and increase visibility of the Institute among its scientific peers. The Institute has taken initiatives towards hosting of academic conferences and inviting scientific workers from across the country to our campus. During the calendar year 2016, the Institute has conducted 20 short-term courses, conferences and workshops. All these courses were well attended by researchers from several Institutions across and beyond the country. In addition, 21 short-term courses and workshops have been sponsored by TEQIP II which saw the participation of from both academic and industry.

Ladies and Gentlemen, I take great pride in saying that our Training and Placement Centre dedicatedly coordinated with several industries and academic institutions to provide quality placement for our graduate and postgraduate students. During the academic session 2015-16, 139 reputed organizations visited our Institute for campus placement and offered 998 jobs to our students.

Major government organizations/PSUs like DRDO, Coal India Ltd, BPCL, NCCBM and C-DOT had participated in the campus recruitment process. The past academic session also saw software and product giants like Amazon, Microsoft, Snapdeal, Oracle, Samsung, Sony, Nokia Siemens, SAP Labs, Dell, Unisys, Teradata and Amdocs make job offers to our graduates, postgraduates and doctorates. Numerous core companies like Tata Steel, Vedanta Group, Aditya Birla Group, Hindalco, Jindal Steel, Hilti, Coca Cola, PepsiCo, Reliance Jio, MediaTek, Texas Instruments, Xilinx, Ericsson and many more participated in our placement activities. Our institute has always attracted major automobile companies and the past year was no different with the likes of Mercedes Benz, Tata Motors, Hero Moto Corp, Maruti Suzuki, Bajaj Auto, Ashok Leyland, Honda 2 Wheelers and Tata Hitachi having visited for campus placement. Leading consulting and analytics sector companies like PwC US, PwC India, Deloitte, Mu Sigma, EXL, and Affine Analytics also made offers. There has been an increasing participation from Start-Ups like Zomato, Grofers, Practo, Sigmoid and Code Nation.

The Training and Placement Centre of our institute had also arranged the SIRE (Summer Research and Industrial Experience) program for our students in reputed organizations within and outside the country during the summer of 2016. During 2015-16 session, 771 pre-final B.Tech and 3rd year Dual Degree students were placed in 246 organizations. Students were also sponsored by international universities like UBC Vancouver, University of Toronto, University of Waterloo, University of Ottawa, Ryerson University Toronto, University of Montreal, University of Pennsylvania, University of Michigan, ETH Zurich and many more summer research internship. A regular feature of our training program for undergraduate students includes a short study/industrial tour to nearby industries to get a feel of the practices followed in industry. Thirty-three industrial tours were conducted during the academic year 2015-16.

It gives me immense pleasure to say that in the current academic session 2016-17, our Institute has already attracted 80 companies in various sectors for recruiting our students and more than 500 job offers have already been made. We have been fortunate to add major Fortune-500 listed companies like Tata Steel R&D, Fiat Chrysler, United Health Group, ITC Limited, General Motors, Qualcomm, Factset Research Systems Inc. and Deloitte to our visitors list this year. It gives me a deep sense of satisfaction to state that the highest salary offered so far stands at 27.5 lakhs. This year there has been a delightful increase in the number of companies in banking and finance sector. Major players like D. E. Shaw, Goldman Sachs, DBS Bank Singapore, HSBC and Axis Bank have been a part of the placement season. There have been 38 pre-placement offers by major recruiters to our students this year. Apart from full time employment, major multinational firms like Microsoft, Wipro, Goldman Sachs, Qualcomm, Tata Steel, L&T ECC, Sterlite, Saint Golbain, H&R Johnson, etc., have offered internships to our 3rd year B.Tech, Dual Degree and M.Tech students. Our Training and Placement Centre has been working tirelessly to make NIT Rourkela one of the most preferred institutes for campus recruitment and we are sure of attracting even more organizations in the future.

The sincere and sustained efforts put in by the entire NITR community have now given NIT Rourkela a beautiful and verdant campus providing the ideal environment for scholastic pursuits. The enhancement of student strength has led to increased demand for power and water. The main electricity distribution system has been upgraded from 2 MVA at 11 kV to more than 10 MVA under 33 kV internal Ring main distributions of 4Km of cable and 2.8 KM of OH Line.

A dedicated 33 KV Over Head 12.5 KM line has been laid tapping power directly from OPTCL Chhend 132 KV /33 KV Grid enabling quality and uninterrupted power to NITR. We also propose to supplement grid power with a megawatt capacity solar photovoltaic power station on campus which will not only be eco-friendly but will ensure end to power cuts, at least during day light hours.

A new water supply system is operational incorporating an on-campus water treatment plant to cater to the increased demand of water. The Government of Odisha has kindly set up a new 300 mm pipeline from Koel River with associated in take well and pumping station delivering 5 million litres of raw water per day. The Institute has built the filtration plant.

For an institute of national importance like NIT Rourkela, faculty, students and alumni constitute three important pillars. The role of alumni in institute's growth is enormous. Our alumni have excelled in industry, academia, research, social and public life. The institute appreciates the laurel its alumni have brought to their alma mater. Our Centre for Alumni Relations and Resource Generation has instituted the Mrs. Shanta Jain Prize for the best product-oriented project with contribution from Shri Pramod Kumar Jain, a 1974-batch alumnus in Mechanical Engineering. This year, the Institute has instituted Endowment Scholarship which will be awarded to the bright and economically weak students through the contribution made by our 1972 batch of alumni. The 1990 class of NITR alumni have contributed towards development of an IoT Laboratory in the Institute. Alumni of NIT Rourkela from every part of the globe are coming forward to support the Institute. The institute records its appreciation for this wonderful gesture. Every NITian is encouraged to join the NIT Rourkela Alumni Association NITRAA. I call upon all NITR alumni to subscribe to membership of NITRAA.

The Institute is happy to note that our alumni now celebrate their home coming functions on silver jubilee, golden jubilee of graduations. This year, our 1991 batch of alumni celebrated their silver jubilee of graduation in the institute during 25-26 December 2016, while 1972 batch organized their golden jubilee reunion during 4-5 January 2017. Furthermore, NITRAA has organized its Annual Get-together at Hyderabad during 22-23 December 2016. Alot of fruitful action plans have emerged through interactions of alumni and institute representatives. It is expected that these action plans will turn out to be successful which will be certainly very much crucial in bringing the institute to the next level of excellence.

Our Institute has been bestowing the "Distinguished Alumnus Award" on alumni who have made their alma mater proud by their professional and social achievements. Last year, this award was bestowed on five unique individuals

and the 1990 batch of alumni. Nominations have been received for felicitating our distinguished alumni for this year. The institute will organize special award events on the foundation day (15 August 2017) for bestowing the most coveted distinguished awards.

Time is short. There are expansions and innovations on all fronts. Satish Dhawan Hall of Residence is completed during 2016. The Mechanical Engineering Buildings, Lecture Hall Complex-2, and a new faculty residence complex are nearing completion. A new Data Centre for the central computing facility is operational, which houses servers, HPC and Storage.For the record, we may note that after being declared an Institute of national Importance in 2007, NIT Rourkela has produced 7274engineers, scientists and masters graduates in addition to 377PhDs. All of them including our stakeholders are now looking up to us asking about the future of our Institute. It gives me pleasure to state that a new and ambitious phase of construction totalling a value over INR 300 crore has been taken up to cope with increased demand of academic, hostel and residential buildings. And ladies and gentlemen, our future looks bright. The day is not far when NIT Rourkela will boast 10,000 students and research scholars, 1000 faculty members supported by 1200 odd non-faculty staff in over 25 departments/centres. This not only doubles our strength, it will show better results for a very vibrant campus.

Convocation is a special event in the academic calendar of any Institute. We hope today's event is one that all our graduates, postgraduates and doctorates will treasure along with their memories of the years they spent in this Institute. I extend my heartiest congratulations to all of them, with a special word of felicitation to those who have received awards and medals. I feel honoured to announce the names of the students who, as recipients of gold and silver medals for their academic excellence, have made their alma mater really proud of them. I personally congratulate the eight Institute Gold Medal winners: Shri Sagar Kumar of the Department of Electrical Engineering, the Best Graduate of the year (B.Tech and B.Arch), Shri Manish Kumar of the Department of Industrial Design, the Best Post Graduate (M.Tech), Miss SanjanaTripathy of the School of Management for Best MBA, Shri Subhabkar Kundu of the Chemistry Department for being the best among M.Sc. and M.A. students, Miss Shanu Kumari of Department of Chemistry for being the topper in the Integrated M.Sc. programme, and Shri Saswat Ranjan Mishra for the best Postgraduate in the B. Tech. and M. Tech. Dual Degree Programme. I also congratulate Miss Sonalisa Patel, a graduate of the Department of Industrial Design, who has been awarded the gold medal for the Best Undergraduate project (B.Tech. & B.Arch.), Shri Dhiman Das of the Department of Electrical Engineering with Industrial Electronics specialization for the best Postgraduate Project (M.Tech. &Dual Degree). I also take this opportunity to congratulate the winners of the Institute branch toppers for their hard work in their respective specializations which brings them these laurels today.

I also extend my congratulations to the proud parents who will remember this day with as much pleasure, if not more so, as their graduating children. My dear students, you proved your worth by securing admission to this august Institute, two, four or five years ago. We have shaped an important phase of your life by providing superior academic and extra-academic atmosphere to enhance your skills. The period here has also enabled you to discover your true potential and decide on your future course of action as per your interests. The degree you have won by hard work is just the beginning of the next phase of your life. It should motivate you to take the path of honesty, sincerity and personal and professional integrity to pursue your future dreams.

Our Institute has given you the breadth and depth of education and the unique values required for you to move forward in life. This degree opens up for you a multitude of avenues in a wide variety of fields. With the education you have obtained in this august Institution, you are well qualified to contribute to our society and our country and aid her in her quest for good infrastructure, healthcare, education and technology for the benefit of humankind. Some of you will aspire to be entrepreneurs, some managers, some civil servants, some academicians and some industrialists. Allow me the privilege of giving you a word of advice here. Our earth is going through a critical phase with scant regard for preserving her beauty, natural wealth and resources. Cities are bursting at their seams, rivers are polluted, minerals are over mined, climate is changing and much more. Hence empathy and concern for the dwindling resources of our beautiful planet earth and the less fortunate among us in our great country and the world beyond should guide us in every step of our career. We are all looking forward with great hope to see the achievements being made by our students in future. We wish all of you the very best in your chosen professions.

Irrespective of what the future brings in your life, I have no doubt that you will look back to the years you spent in this institute with nostalgia and fond memories of academic and extra-academic activities and life in the hostels. I am certain that no matter where you go, you will carry the mark of excellence that NIT Rourkela has bestowed upon you. Through the coveted NIT certificate, I charge every recipient of the degree with the responsibility of spreading the religion of technology with high self confidence in an effort to make its fruits available to the poorest of the poor so that he or she shall no longer stay poor. As Swami Vivekananda rightly said, "He is an atheist who does not believe in himself".

Jai Hind

Professor Animesh Biswas

DOCTOR OF PHILOSOPHY

Department & Candidate's Name	Title of the Thesis

BIOTECHNOLOGY AND MEDICAL ENGINEERING

BEAUTY BEHERA	Preparation and Evaluation of Sorbitan Monopalmitate and Sunflower Oil Based Biphasic Formulation as Matrices for Controlled Delivery
BIBHUKALYAN PRASAD NAYAK	Analysis and Quantification of Physical Fatigue in Automobile Drivers: A Biomedical Approach
BHISHAM NARAYAN SINGH	Development of Novel Silk Fibroin/Carboxymethyl Cellulose Based Electrospun Nanofibrous Scaffolds for Bone Tissue Engineering Application
BISWADEEP CHAUDHURI	Development of Novel Scaffolds for Skeletal Muscle Tissue Engineering Applications
DEEPENDRA KUMAR BAN	Interaction of Metal-Based Nanoparticles with Proteins: Relation to Structure, Function and Amyloid Forming Propensity of Lysozyme and α -Lactalbumin
SHITARASHMI SAHU	Conversion of Cotton Gin Waste to Bioethanol: Pretreatment, Hydrolysis and Fermentation
SIRSENDU SEKHAR RAY	Cryopreservation Strategy for Adipose Tissue and Adipose Tissue Derived Stem Cells by Developing Non-Toxic Freezing Solutions
VARSHINI VISHWANATH	Development of Silk Fibroin/Chitosan based Porous Scaffolds for Cartilage Tissue Engineering

CERAMIC ENGINEERING

BHIMAVARAPU SAMBI REDDY	Zirconia toughened Alumina based Femoral Head and Acetabular Socket: Process Optimization, Designing, Fabrication and Properties

CHEMICAL ENGINEERING

ADYA DAS	A Study on Evaluation of Indigenous Microbial Consortium for Enhanced Decolorization of Textile AZO Dyes and Feasibility for Simultaneous Bioelectricity Generation in A Microbial Fuel Cell
DEO KARAN RAM	Experimental and Computational Studies on Fluidized Bed Biomass Gasifier for Production of Clean Energy
GAURAV SINGH	Phase Transfer Catalysed Synthesis of Organosulfur Fine Chemicals using Hydrogen Sulfide

SIDDHARTHA SANKAR BOXI	Synthesis and Characterization of Ag Doped TiO_2, CdS, ZnS Nanoparticles for Photocatalytic, Toxic Ions Detection, and Antimicrobial Applications

CHEMISTRY

BAPPADITYA MANDAL	Surfactant Assisted Synthesis and Characterization of High Surface Area Mesoporous Nanocrystalline Pure, Eu^{3+} and Sm^{3+}doped Ceria for Novel Applications
JYOTI PRAKASH DHAL	Novel Metal Oxide Nanostructures for Adsorption and Photocatalytic Degradation of Organic Dyes from Aqueous Stream
SMRUTI RANJAN ROUT	Design of Multifunctional Magnetic Nanostructures for Targeted Delivery of Anticancer Drugs

CIVIL ENGINEERING

HIMANSHU SEKHAR PANDA	Vibration, Buckling and Parametric Instability of Delaminated Composite Panels in Hygrothermal Environment
KIRTIKANTA SAHOO	Studies on Concrete made of Recycled Materials for Sustainability
MADHUSMITA BISWAL	Vibration, Buckling and Dynamic Stability of Laminated Composite Curved Panels in Hygrothermal Environment
NIBEDITA GURU	Flood Frequency Analysis of Partial Duration Series using Soft Computing Techniques of Mahanadi River Basin In India

COMPUTER SCIENCE AND ENGINEERING

ASIS KUMAR TRIPATHY	Development of Application Specific Clustering Protocol for Wireless Sensor Networks
JAGADEESH KAKARLA	Development of Energy and Delay Efficient Protocols for WSAN
JAGANNATH SINGH	Slicing of Aspect-Oriented Software and Its Application to Software Refactoring
NIRANJAN PANIGRAHI	Consensus-based Time Synchronization Algorithms for Wireless Sensor Networks with Topological Optimization Strategies for Performance Improvement
RAMESH KUMAR MOHAPATRA	Handwritten Character Recognition of a Vernacular Language: The Odia Script
SHASHANK MOULI SATAPATHY	Effort Estimation Methods in Software Development using Machine Learning Algorithms
SHRADHANANDA BEURA	Development of Features and Feature Reduction Techniques for Mammogram Classification

SUBASISH MOHAPATRA	On Solving Some Issues in Cloud Computing
SUBHRAKANTA PANDA	Regression Testing of Object-Oriented Software based on Program Slicing
SOUBHAGYA SANKAR BARPANDA	Development of Multirate Filter - based Region Features for Iris Identification

ELECTRONICS AND COMMUNICATION ENGINEERING

AMIYA SINGH	Hierarchy Based Construction of Signature Matrices for Simplified Decoding in Overloaded CDMA
CHITHRA R	Interference Cancellation and Resource Allocation Approaches for Device-to-Device Communication
DEEPAK SINGH	Fast and Efficient Foveated Video Compression Schemes for H.264/AVC Platform
DIPAK KUMAR GHOSH	A Framework for Vision-based Static Hand Gesture Recognition
PALLAB MAJI	On Design and Implementation of Generic Fuzzy Logic Controllers
PRASANTA KUMAR PRADHAN	On Effcient Signal Processing Algorithms for Signal Detection and PAPR Reduction in OFDM Systems
SANANDA KUMAR	Development of Robust Distributed Diffusion Strategies for Adaptive Networks
UMAKANTA NANDA	Design Techniques of Energy Efficient PLL for Enhanced Noise and Lock Performance
VENKATA RATNAM KOLLURU	Design and Development of FPGA based Controllers for Photovoltaic Power System

ELECTRICAL ENGINEERING

ASTIK BISWAS	Performance Enhancement of Automatic Speech Recognition (ASR) using Robust Wavelet-Based Feature Extraction Techniques
DEEPAK KUMAR ROUT	Reliability Support and Performance Improvement in Ultra Wideband-Based Wireless Body Area Networks
JYOTIRMAYEE DALEI	Development of Voltage Controller and Fault Analysis of Self Excited Induction Genertor System
PEDDA SURESH OGETI	Robust Active and Reactive Power Control Schemes for a Doubly Fed Induction Generator based Wind Energy Conversion System
PRADEEP KUMAR SAHU	Sliding Mode Control of Photovoltaic Energy Conversion Systems
PUDI SEKHAR	Assessment and Enhancement of Power System Security using Soft Computing and Data Mining Approaches

RAJA ROUT	Design and Experimental Realization of Adaptive Control Schemes for an Autonomous Underwater Vehicle
RAJENDRA KUMAR KHADANGA	Performance Analysis of Flexible A.C. Transmission System Devices for Stability Improvement of Power System
SANTI BEHERA	Study of Voltage Stability using Intelligent Techniques
SUSHANTA KUMAR MOHAPATRA	Investigation on Performance Metrics of Nanoscale Multigate MOSFETs towards RF and IC Applications
SUSHREE SANGITA PATNAIK	Performance Enhancement of Shunt APFs using Various Topologies, Control Schemes and Optimization Techniques
TEJAVATHU RAMESH	Investigations on Direct Torque and Flux Control of Speed Sensorless Induction Motor Drive

HUMANITIES AND SOCIAL SCIENCES

ANTARJEETA NAYAK	Understanding the Perceived Causes of Poverty and Quality of Life: A Study of Rourkela City
KALPANA SAHOO	Foreign Aid and Economic Development: Empirical Evidence from Select South Asian Economies
MADHUSMITA MOHANTY	International Capital Flows and Financial Market Dynamics: Empirical Evidence from the Indian Stock Market

INDUSTRIAL DESIGN

BUNIL KUMAR BALABANTARAY	Design and Development of Robotic Part Assembly System under Vision Guidance
M V A RAJU BAHUBALENDRUNI	Computer Aided Optimal Robotic Assembly Sequence Generation
SOMA DALBEHERA	Effect of Cenosphere on the Mechanical and Tribiological Properties of Natural Fiber Reinforced Hybrid Composite

LIFE SCIENCE

ARUNIMA SHILPI	Profiling of DNA Methylation and Single Nucleotide Polymorphism for Diagnosis, Prognosis and Targeting DNA Methyltransferase for Therapeutic Intervention of Breast Cancer
DIPTA SENGUPTA	Regulation of chromatin modifier genes by microRNA vis-à-vis regulation of microRNA by DNA methylation and histone modifications in human cancer
JAYA CHAKRABORTY	Diversity, Molecular Characterization and Bioremediation Potential of Cadmium Resistant and Biphenyl Degrading Marine Bacteria
PRADIPTA RANJAN RAUTA	Immunological Evaluation of Biodegradable Particle based Nanoparticles Encapsulating OMP Antigen As Potential Vaccine Candidate

SUBHADIP MUKHOPADHYAY	Unraveling the Intricate Molecular Mechanism between Apoptosis and Autophagy during Cellular Stress

MATHEMATICS

ARUN KUMAR GUPTA	Wavelet Methods for the Solutions of Partial and Fractional Differential Equations Arising in Physical Problems
PRAKASH KUMAR SAHU	Numerical Approximate Methods for Solving Linear and Nonlinear Integral Equations
SAUDAMINI NAYAK	Some Studies on Infinite-Dimensional Lie(Super) Algebras
SUSMITA MALL	Connectionist Learning Based Numerical Solution of Differential Equations

MECHANICAL ENGINEERING

ABHIJEET GANGULY	Economic Design of Control Charts using Metaheuristic Approaches
ADIK RAMDAYAL YADAO	Dynamic Analysis of Cracked Rotor in Viscous Medium and its Crack Diagnosis using Intelligent Techniques
ALOK KUMAR JHA	Intelligent Control and Path Planning of Multiple Mobile Robots using Hybrid AI Techniques
ANISH PANDEY	Mobile Robot Navigation in the Static and Dynamic Environments using Various Soft Computing Techniques
ARUNA THAKUR	Influence of Advanced Coated Tools On Machinability Characteristics of Incoloy 825
ARUN KUMAR WAMANKAR	Experimental Studies on Analysis, Performance, Emissions and Combution Characteristics of Carbon Blends as Fuel in a CI Engine
BENEDICT THOMAS	Vibration Analysis of Functionally Graded Carbon Nanotubes Reinforced Composite Shell Structures
BHUMESHWAR KUNJILAL PATLE	Intelligent Navigational Strategies for Multiple Wheeled Mobile Robots using Artificial Hybrid Methodologies
BIJAYA BIJETA NAYAK	Parametric Optimization of Taper Cutting Process using Wire Electrical Discharge Machining (WEDM)
DEBABRATA BARIK	Experimental Studies on Biogas Production and its Utilization in A Direct Injection Diesel Engine Run on Dual Fuel Mode
GANGADHARUDU TALLA	Powder-mixed Electric Discharge Machining (PMEDM) of Inconel 625
IRSHAD AHMAD	Study of Computational and Experimental Methodologies for Cracks Recognition of Vibrating Systems using Modal Parameters
KAPURA TUDU	Experimental Studies of a Direct Injection Diesel Engine Fuelled with Light Fraction Pyrolysis Oil-Diesel Blend

NIHARIKA MOHANTA	Preparation and Characterization of Luffa Cylindrica Fiber Reinforced Polymer Composite
PRASES KUMAR MOHANTY	Analysis and Development of Computational Intelligence based Navigational Controllers for Multiple Mobile Robots
PRERANA NASHINE	Numerical Analysis of Transient Radiation Heat Transfer in Participating Medium Subjected to Short Pulse Collimated Beam
RAJASEKHAR M	Dynamic Analysis, Identification and Control Studies of Aero-Engine Model Rotor Bearing Systems
SAMBIT KUMAR MOHAPATRA	Aluminium Based Material Extrusion Through Mathematical Contoured Die: Numerical and Experimental Investigation
SASMITA SAHU	Inspection and Monitoring of Structural Damage using Vibration Signatures and Smart Techniques
SAURABH CHANDRAKER	Modelling and Model Reduction of Viscoelastic Composite Rotors–An Operator Based Approach
SHAKTI PRASANNA JENA	Dynamic Analysis and Fault Detection of Multi Cracked Structure Under Moving Mass using Intelligent Methods
SHUBHASRI KUNDU	Navigational Strategies for Control of Underwater Robot using AI based Algorithms
SRIKAR POTNURU	Numerical, Analytical and Experimental Analysis of Combined Extrusion Forging Processes Applied to Collet Chuck Holders
SWAYAM BIKASH MISHRA	A Study on Parametric Appraisal of Fused Deposition Modelling (FDM) Process
VIJAY KUMAR SINGH	Nonlinear Dynamic Analysis of Laminated Composite Doubly Curved Shallow Shell Panel Bonded with and without Piezoelectric Layer

METALLURGICAL & MATERIALS ENGINEERING

HIMANSHU SEKHAR MAHARANA	Surface Modification of Copper by Electro-codeposition
MOHAN NUTHALAPATI	Development of Nano-TiO_2/Y_2O_3 Dispersed Zrirconium Alloys by Mechanical Alloying Followed by Conventional and Spark Plasma Sintering
SHASHANKA R	Fabrication of Nano-Structured Duplex and Ferritic Stainless Steel by Planetary Milling Followed by Consolidation
SURJYAKANT PANDA	Recrystallization Textures in HCP Metals
SUSANTA KUMAR SWAIN	Property Development in As-Cast Heavy Section SG Iron Castings by Alloying with Nickel and Copper

PHYSICS AND ASTRONOMY

ACHYUTA KUMAR BISWAL	Exploring the Physics & Application of Biphasic La_2NiMnO_6 based Double Perovskites
PRIYADARSHINI PARIDA	Electronic and Magnetic Properties of Rough Surfaces of Transition Metals (Fe, Co, and Ni)and their alloyed Interfaces with Metal (Ag, Cu and Au) Substrates
RAKESH MUDULI	Dielectric, Ferroelectric and Impedance Spectroscopic Studies of $AgNbO_3$ and its Modified Systems
RANJITKUMAR PANDA	Studies on Electric and Magnetic Properties of Cobalt Ferrite and its Modified Systems
SRIDEVI SWAIN	Synthesis and Characterizations of $SrBi_2Ta_2O_9$ Modified NBT-BT and NBT-KNN Ferroelectric Ceramics near Morphotropic Phase Boundary

SCHOOL OF MANAGEMENT

RAMA KOTESWARARAO KONDASANI	Managing Customer Perceived Service Quality in Private Healthcare Sector in India
TANAYA NAYAK	Impact of Quality of Work Life on Turnover Intention: A Study on Private Health Care Units in Odisha

MASTER OF TECHNOLOGY (BY RESEARCH)

Department & Candidate's Name	Title of the Thesis
BIOTECHNOLOGY AND MEDICAL ENGINEERING	
GAURI SHANKAR SHAW	Preparation and Characterization of Gelatin-Tamarind Gum / Carboxymethyl Tamarind Gum Based Phase Separated Hydrogels and Films for Tissue Engineering Applications
CIVIL ENGINEERING	
KAJAL PANIGRAHI	Experimental Study of Flow through Rigid Vegetation in Open Channel
PRAGYAN PARAMITA DAS	Primary and Secondary Compression Behaviour of Soft Clay
SUMIT KUMAR BANERJEE	Experimental Study On Resistance in Gravel Bed Channels
CERAMIC ENGINEERING	
EZHIL VENUSWARAN RAMA RAJU	Development of Porosity Gradient Bioglass Ceramic Scaffold
PRANATI BADHAI	Graphene Oxide-Magnetite Hybrid Nanoadsorbents for Toxin Removal in Aqueous System
SANJAY KRISHNA MOHAN	Densification and Characterization of Magnesium Aluminate Spinel from Commercial Grade Reactants: Effect of Milling and Additives
CHEMICAL ENGINEERING	
SHREEPARNA MISHRA	Preparation and Characterization of Cassia 4-Hydroxy Benzoic Acid Resin for Removal of Cr^{+6} from Contaminated Water
FOOD PROCESS ENGINEERING	
SHASHIKUMAR C	Design, Development and Testing of Sal (*Shorea robusta*) Seed Decorticator
SRIMAGAL A	Effects of Pre-treatments on Drying Characteristics of Bitter Gourd
MECHANICAL ENGINEERING	
GEETANJALI DAS	Processing, Characterization and Erosion Wear Behaviour of Coir Fiber Reinforced Epoxy Composites
MADHUSMITA SENAPATI	Design and Control of an Articulated Robotic Arm using Visual Inspection for Replacement Activities

MIMOSHA DASH	A Study on Thermal Characteristics of Epoxy Composites Filled with Natural Fiber and Particulate
RAMEEZ MALIK	Studies on Metallization of RP Parts for use in Preserving Artefacts
RUDRANARAYAN KANDI	Acoustic Horn Design, Numerical and Experimental Investigations of Ultrasonic Vibration Assisted Turning of Ti-6Al-4V
RUPALIKA DASH	Modeling and CFD Simulation of Abrasive Flow Machining Process
SAMARENDRA PATTANAIK	Improvement in Service Life of Skip Car by using Chromium Carbide Overlay Plate with Special Reference to Rourkela Steel Plant
SAMRESH GARNAIK	On the Damping Analysis of Layered Beam Structures
SOMEN BISWAL	Processing and Characterization of Epoxy Composites Reinforced with Short Palmyra Fibers
SUSHREE SASMITA SAHOO	Experimental and Numerical Investigation of Static and Dynamic Analysis of Delaminated Composite Plate

METALLURGICAL & MATERIALS ENGINEERING

DEEPANKAR PANDA	Development of Al-Fe_3Al Composites by Powder Metallurgy Route
PREKSHYA NATH	Sono-electrodeposition of Copper-Nickel Thin Films and their Characterization
SAMBARAJ SRAVAN KUMAR	Development of Nano-oxide Dispersed Austenitic Stainless Steels by Mechanical Alloying Followed by Conventional Sintering and Spark Plasma Sintering
SHAIK SHAMA	Comparison of Mechanical Properties of Austenitic Ductile Cast Iron with Ferritic/Pearlitic Ductile Cast Iron
SUBHRASMITA TRIPATHY	Effect of Pre-Strain and Pre-Corrosion on Ratcheting Behavior of ASTM A668 Class D Steel

MINING ENGINEERING

ABINASH PARIDA	Evaluation of Blasting Efficiency of Surface Mines
DHRUTI SUNDAR PRADHAN	Impact of Surface Runoff from Opencast Coal Mines in the Ib Valley Basin and Its Management

MASTER OF TECHNOLOGY

BIOTECHNOLOGY & MEDICAL ENGINEERING

Biomedical Engineering

Bhairulal Chandravanshi
Dinil Sasi S
Indu Yadav
Krishna Dixit
Naveen Chandrol
Preeti Madhuri Pandey
Veena Vyas

Biotechnology

Abinaya .B
Bathuri Venkatachaithanya
Chalakur R Naveen Kumar Reddy
Gloria Narayan
Gopalakrishnan C
Inigo J
Leonard. J
Luv Kishore Srivastava
Manisha Buriuli
Nazimdhine Aly
Rupsa Chatterjee
Siva Sankari M
Sovan Das
Swati Aggarwal
Sweta Naik
Tulika Das
Yamini Yogalakshmi

CIVIL ENGINEERING

Geotechnical Engineering

Abhishek Kumar
Ahsan Rabbani
Anoop Kumar Tiwari
Dummu Sindhuja
Jyotirmayee Mallick
Karnati Chakrapani
Mahajan Shweta Yogiraj
Piyush Parik
Ramana Reddy Katipelly
Ranajeet Mohanty
Shubham Rajput
Tarini Jahnavi
Vikas Kumar

Structural Engineering

A Vamsikrishna
Abhijit Mistri
Aditya Grover
Ali Al-Raie
Chandni Kumari
Debasish Rath
Dhiranjan Kumar
Kamalakkannan S
Koduru Venkata Sandeep
Madhulata Netam
Metku Vivekanand Sagar
Nishanth M
Piyush Rajput
Praveen Kumar Sahu
Uttam Kumar

Transportation Engineering

Aemala Chaitanya
Arijit Dutta
Arunima Pradhan
Bindushree Panda
C Vasundhara Devi
Dudi Praveena
Enoch F. Harlie
Kalpana Sahoo
Majji Sai Priya
N Kiran Kumar
Poreddy Manoj Kumar Reddy
Shibashis Rai
Siddhartha Sekhar Mishra
Sparsh Jain
Sumeet Kumar Tripathy
Veera Leela Manusha

Water Resources Engineering

Chinthu Naresh
Gaurav Talukdar
Jami Vishwanath
Jnana Ranjan Khuntia
Mali Shivashankar
Mousumi Ghosh
Muraharirao Premchand
Preeti Patel
R.N Srusti Darshan Samal
Sherron Brisbane Sherman
Subhalaxmi Sial
Swati Mishra

CHEMICAL ENGINEERING

Chemical Engineering

Akash Ranjan Pati
Anindita Dey
B V S Vaibhav
Chaudhari Kamini Ishwarlal
Deepika Negi
Karri Sesha Surya Varaprasad Reddy
Kulkarni Vaibhav Vasantrao
Nikhil Rahul Dhabarde
Niture Prashant Prabhakar
Patankar Sagar Vinod
Sanjeet Kumar Singh
Sourabhya P C
Subhashree Behera
Tapaswinee Naik
Tatinaidu Kella
Thakur Ramansingh Vikramsingh

Safety Engineering

Abhipsa Das
Abhisek Acharya
Abinash Mohanty
Ankireddypalli Ravikumar Reddy
Apoorv Singh Chauhan
Arin Manna
Biswajit Mohanty
Garimella Venkata Sainath
Gurujeet Mohapatra
Khayam S Rahman
Kruttibas Majhi
Kumar Ashish
Laxminarayan Nayak
Malakalapalli Naveen Kumar
Ramaswarup Mishra
Sanil Kuriakose
Satyasish Rout
Shahnawaz Ahmad
Smruti Ranjan Sahoo
Sourav Kumar Pradhan
Sourav Mohanty
Sudhansu Sekhar Bal
Utkal Bishal Bal

CERAMIC ENGINEERING

Industrial Ceramics

Akanksha Kumari
Ambadipudi Venkata Siddhardha Sarma
Amit Kumar Saha
Gourav Das
Md Nahid
Pinki
Shambhu Kumar Pandit

COMPUTER SCIENCE & ENGINEERING

Computer Science

Anindya Mukherjea
Bestha Vijaykumar
Faiza Siddiqui
Govind Yadav
Jyoti Chaudhary
Kannan Gautham
Kiran Kumari
Kuldeep
Lokesh Sharma
Manasee Panigrahy
Manish Rai
Patil Sandeep Prabhakar
Punya Prava Hembram
Ranita Bhattacharya
Ravi Ranjan Kumar
Saichandrasekhar Dandu
Sutirtha Bhaumik
Swarupa Pattanaik
Utkal Sinha
Vijendra Prasad

Information Security

Addanki Kanthi Sree
Ajnas Muhammed V M
Anirban Sarkar
Debendra Muduli
Deepak Shukla
Diangarti Bhalang Tariang
K Janardhan Reddy
Moninder Kaur
Praveen Kumar Srivastava
Ramesh Kumar
Rohit Narayan
Shivang Agarwal
Sujit Sangram Sahoo
Udit Narayan Chauhan
Vachha Bakhtyar Hoshedar Havovi
Vanapala V Praveen Krishna

Software Engineering

Annada Sankar Biswal
Ekta Agrawal
Kapil Dev
Karan Jeet
M Hari Krishna
Madagundi Mohan
Meenakshi Dahiya
Nachiketa Jena
Nishant Kumar
Pravas Ranjan Bal
Ransingh Biswajit Ray
Rashmi Singh
Sachin Arora
Sagarika Behura
Sheetal Agarwal
Suhas Honamore

ELECTRONICS & COMMUNICATION ENGINEERING

VLSI Design & Embedded System

Boddu Siva Koti
Debaprasad Daxiniray
Dipankar Talukdar
Jaison James
Jobin K Joseph
Kannadi Vijay
Kiranmayi Prasada
Kunda Rajesh Babu
Linson Thomas Lilly
Manoj Kumar Bhakta
Naini Satheesh
Perumalla G Nagendra Tarun Keerthi
Petla Ravi Chandra
Rakesh Kumar Das
Ram Prakash D M
Smrutisikta Patra
Sradhanjali Mohapatra
Vadlamuri Venkata Sateesh
Vipin Kumar
Yerme Santosh Madhukar

Electronics & Instrumentation Engineering

Amrit Chakraborty
Bhuwaneshwari
Debajyoti Prusty
Debashis Biswal
Durgam Ujwal Kumar
Geetanjali Dumpa
Gopinath Khakha
Ingale Ganesh Baliram
Pratima Acharya
Praveen Kumar
Purusottum Kumar
Rajesh Kumar Jha
Raju Ranjan
Rakesh Bute
Sachin Khandagale
Saikat Mohapatra
Samarth Tripathi
Shakti Prasad Senapati
Sudhansu Mallik

Communication & Networks

Busireddy Venkata Subba Reddy
Chandra Sekhar Panda
Ganta Rajan
Gautam Kumar
James Bigdaddy Davies
Karan Kumar Soni
Lalam Ramesh Kumar
Manasi Priyadarshini
Manish Gupta
Manish Kumar Agrawal
Pragya Bharti
Rajesh Nayak
Rashmiranjan Nayak
Sarath V S
Shubham Kumar Jain
Snigdha Bhuyan
Sourav Guha Roy
Suvvada Narayana Rao
Swati Nagle
Vankudothu Ramesh
Vishnu Raj Rv

Signal and Image Processing

Ayaskanta Pandia

Bhargav Nagaraju
Ishank Kumar Rawat
Jaspreet Bhatia
Komal Chandra
Kumari Rosy Pradhan
Mona Shree
Mrigendra Kumar
Niyas N N
Priyanka Priyadarshini
Rahul Dwivedi
Rahul Pathak
Rupavath Jitendar
Sameer Chadar
Sappati Vinodh Kumar
Soumya Shubhra Ray
Subash Chandra Das
Sunil Kumar

ELECTRICAL ENGINEERING

Electronic Systems & Communication

Abdullahi Abu Obaida Mohammed Alkhalifa
Ambati Sangeetha
Amrita Maity
Anju
Atmaswaroopa Tripathy
Avinash B
Bhanavath Jagan
Chaduvula Gowri
Chintala Durgaprasad
Kiran Patel
Kotamreddy Mahesh
Lakinepally Venkata Sai Krishna
Manoj Kumar Yadav
Namadi Revanth
Narusatish Kumar Reddy
Nidhi Panda
Pallempati Mallikarjunarao
Priyanka
Rajeev Ranjan
Tapan Kiran Adhikari

Control & Automation

Amlan Acharya
Anasuya Das
Anubhav Sundaria
Azhar Jagan Kumar
Boppuru Dayakar
G Roshan Tandan
Kodavati Jyothi
Navneet Vaishnav
Oindrilla Kaushik Chakraborty
Prasanta Kumar Mohanta
Priyabrata Mohanty
Shashi Bhushan Mohanty
Sudipto Ghosh
Tapaswini Routray
Vasantala Santosh Kumar

Power Electronics & Drives

Hazem Karbouj
Rahul Awasthi
Piyush Anand
Banavathu China Babu
B Nagaraju
Satyanarayan Barik
Ashwini Bhujangrao Gaikwad
Kota Komal Praneeth
Shrutisnata Mishra
Arpan Mukhopadhyay
Jitendra Kumar Sahu
Tarra Sandeep
Sangana Venkata Kishore

Sharon Sebastian
Peddiraju Vamsi Krishna
Smrutisinha Jena

Industrial Electronics

Abhimanyu Mandal
Abhirup Pal
Ajit Kumar Yadav
Anirban Saha
Avinash Kumar
Bibekananda Sahoo
Biswasraba Behera
Dhiman Das
Joy Narayan Das
Neeli Mallikarjuna
Nihar Ranjan Mohanty
Prateek Rode
Pudi Naveen
Rakesh Kumar Tarai
Shristy Naik
Sourav Dobai
Suparna Rooj

INDUSTRIAL DESIGN

Industrial Design

Abhishek Mishra
Addepalli Syam Narayana
Ajay Mishra
Alok Raj
Chauhan Praniket Prakash
Chowdary Sujan Kumar
Gummadapu Raviteja
Kavindra Singh
Manish Kumar
Manoj Kumar
Mradul Mishra
Prabhat Kumar Singh
Radharani Nayak
Ravi Pal
Shevale Pramod Anandrao
Tanelanka Brahma Teja

MECHANICAL ENGINEERING

Machine Design & Analysis

Abhilekh Singh
Arvind Kumar Thakur
Banamali Nepak
Chitranjan Kumar
Devasis Mishra
Naveen Kumar Verma
Pawan Kumar Tiwari
Peeus Kumar
Posipogu Shanmukha Vasu
Premendra Mani Pradhan
Rahul
Rahul Dewangan
Rahul Singh
Rini Jena
Rupavath Srikanth
Sagar Gupta
Sagar Mohan
Saroj Kumar Padhy
Sibasish Sahu
Tompe Umesh Abhiman
Ukirde Vikram Umakant
Yassin Alkassar

Production Engineering

Abhijit Samant
Abhishek
Ashish Jain
Chandramani Upadhyay

Chirag Panwariya
Dilip Kumar Pradhan
G Naga Pavan Kumar
Gourav Prasad
Kalebar Singh
M Venkat Reddy
Mahendra Singh
Nitesh
Prashit Kumar Nayak
Roshin Thomas Varughese
Sabana Azim
Surinarayana Cherukuri
Sushanta Kumar Sahoo

Thermal Engineering

Aman Mishra
Aryan Rai
Butunath Majhy
Chandrakant Pradhan
Debabrata Singh
Debiprasad Sahoo
Dibyendu Ghosh
Durgesh Kumar
Kaki Sarath Babu
Lipsa Pal
Praveen Mishra
Raghvendra Pratap
Rajeev R Prasad
Ram Kumar Pal
Rashmiranjan Barik
Rohit Suyal
Sachin Tom
Sajal Chanda
Shantanu Sanwal
Shevkar Prafulla Prakash
Siddhanta Mishra
Tussarkanti Pradhan
Yogesh Sureka

Cryogenic & Vaccum Technology

Abinash Khandual
Anjuni Kujur
Arman Mahaddin Nadaf
Basil George Thomas
Bipin Kumar Vishwakarma
Horaj Chakradhari
Kalyani Dansana
Posa Lokesh
Pushpendra Bahadur Singh Lahare
Ranjit Behera
Reetu Bharti
Salil Mohanty
Sandeep Ranjan Panda
Sk Avezshariq
Sourabh Sadanand Jogee
Tankadhar Bhoi
Vishal Anand Sinha

METALLURGICAL & MATERIALS ENGINEERING

Metallurgical & Materials Engineering

Ankur
Ashok Kumar
Avinas Kumar Nayak
Banda Venkata Bhargava
Binit Kumar Sharma
Pallabi Bhuyan
Pranay Das
Ranjit Kumar Dehury
Ravindra Kumar Sahu
S Sreenivasan
Sabyasachi Mohanty
Sandeep Kumar Sahni
Sarat Chandra Mohanty

Vijay Reddy K
Vikas Dhurandhar
Yelumarthy Lakshmi Sriram

Steel Technology

Amar Nareshkumar Joshi
Bhanu Pratap Singh
Bhardwaj Ravindra Giriraj
Bhushan Jogi
Biswajit Kumar Swain
Debasmini Prusty
Deepak Kumar Sahu
Duleshwar Singh
Jagadish Nayak
Jitendra Kumar Mishra
Krishna Chaitanya Katakam
Pundrikaksha Upadhyay
Rahul Gope
Ramyaranjan Lenka
Rishabh Saxena
Saphalya Kumar Samantaray
Tanvi Mishra

MINING ENGINEERING

Mining Engineering

Aaloth Papalal
Adolphus M G D Gleekia
Himalay Sharma
Pmg Shohood Asdaque
Pritam Kumar
Ram Pankajkumar Kanchan
Shailesh Kumar Sone
Varsha Chandravanshi
Y N Harish

MASTER OF TECHNOLOGY (DUAL DEGREE)
[WITH BACHELOR OF TECHNOLOGY]

CIVIL ENGINEERING

M. Tech in Geotechnical Engineering with

B. TECH HONOURS

Chinmaya Kumar Panda

B. TECH 1ST CLASS

Deepak Kumar

M. Tech in Transportation Engineering with

B. TECH HONOURS

Rajeev Anand

Saswat Chaulia

Debapriya Tripathy

Sourabh Panda

Ritesh P

M Santosh Madhav

B. TECH 1ST CLASS

Digbijayee Hial

M Ravi Teja

M. Tech in Water Resources Engineering with

B. TECH HONOURS

Shiba Shankar Satapathy

Prasang Singh Parihar

Debashish Khuntia

Domakonda Nishanth

B. TECH 1ST CLASS

Shiba Prasad Sahoo

Prayas Rath

Rishabh Prakash

Subhra Jyoti Nath

B. TECH 2ND CLASS

Devi Prasad Singh

CHEMICAL ENGINEERING

M. Tech in Chemical Engineering with

B. TECH HONOURS

Pratik Mishra

Sangita Swapnasrita

Soumya Ranjan Sahoo

B. TECH 1ST CLASS

R Shashank V Raman

Arvind Kumar

Jasmine Lomga

Prem Depan Nayak

Karthik V V S S

Akancha

B. TECH 2ND CLASS

Bajun Hansdah

Dheeraj Chouhan

CERAMIC ENGINEERING

M. Tech in Ceramic Engineering with

B. TECH HONOURS

Rajib Lochan Rautaray

Nikita Paul

Sobhit Pattnaik

Subrat Dash

Soumya Prakash Sahoo

B. TECH 1ST CLASS

Rahimuddin Khan

Sujit Kumar Giri

B. TECH 2ND CLASS

Lovleen Kumar Bhalla

COMPUTER SCIENCE & ENGINEERING

M. Tech in Computer Science with

B. TECH HONOURS

Sandeep Panda

Priyansu Singh

Sai Kumar Dwivedi

B. TECH 1ST CLASS

Asish Chandra Choudhury

Nandanwar Chetan Damodar

Debashish Sahoo

Shailendra Singh

Korra Abhishek Chauhan

Anurag Patro

B. TECH 2ND CLASS

Anish Jaiswal

M. Tech in Information Security with

B. TECH HONOURS

Madhumita Rautela

B. TECH 1ST CLASS

Ashutosh Maharana

Dines Dwivedi

Gourav Mehta

Sanjoli Poddar

M Ankit

Rohit Raj

Ipsit Pradhan

B. TECH 2ND CLASS

Poluru Praveen Kumar Naidu

ELECTRONICS & COMMUNICATION ENGINEERING

M. Tech in VLSI Design & Embedded System with

B. TECH HONOURS

Cyan Subhra Mishra

K Venkata Srirama Rohit

B. TECH 1ST CLASS

Sourav Narayan Satpathy

Nabin Banik

Manaj Mohapatra

Piyush Kumar

Soumya Prakash Mishra

B. TECH 2ND CLASS

Sahil Suhag

Sompary Srinivas Kumar

M. Tech in Communication & Signal Processing with

B. TECH HONOURS

Satyajit Sahoo
Nandita Dalmia
Rathna Deexith
Akshay Joshi
Ramagiri Vikas

B. TECH 1ST CLASS

Anil Kumar Behera
Jyotirmaya Mohanty
Milan Kumar Sahu
Vivek Singh
A Pratyusha

ELECTRICAL ENGINEERING

M. Tech in Electronic Systems & Communication with

B. TECH HONOURS

Ajay Singh
Sidhartha Mohapatra

B. TECH 1ST CLASS

Sakila Hansdah
Sambit Kumar
Sradhanjalli Patra
Tadepalli Sai Ravi Teja
Kosiganti Vineeth Kashyap

B. TECH 2ND CLASS

Pramod Kumar Meena
Sachin Sagoo

M. Tech in Power Control & Drives with

B. TECH HONOURS

Arpit Mishra
Satya Narayan Patel
Anshuman Pradhan
Vikash Kumar
Saswat Ranjan Mishra

B. TECH 1ST CLASS

Gangavarapu Vaishnav
Akash Kumar Behera
Shobhit Sharma
Mohammad Haji Basha

B. TECH 2ND CLASS

Banglakadi Suman

M. Tech in Control & Automation with

B. TECH HONOURS

Anurag Bharat Kumar Shah

B. TECH 1ST CLASS

Chandrabhanu Kumar
Nitish Kushwaha
Vishal Minz
Swayanjeet Mishra
Sampad Bhusan Mohanty
Kherwal Soren
Pratyush Dwivedi
Abhishek Garg
Kamlesh Kumar Gahir

MECHANICAL ENGINEERING

M. Tech in Mechatronics and Automation with

B. TECH HONOURS

Adarsh Ranjan Padhy

Rajdeep Pal

Sarthak Rout

Sourav Panda

B. TECH 1ST CLASS

Dhyanchand Jani

Manas Ranjan Naik

Sidhant Sethi

B. TECH 2ND CLASS

Perna V M N Roy

METALLURGICAL & MATERIALS ENGINEERING

M. Tech in Metallurgical & Materials Engineering with

B. TECH HONOURS

Shrikanth S

B. TECH 1ST CLASS

Ritesh Kumar Padhi

Sanjeev Kumar Patra

Akella Siva Durga Phani

B. TECH 2ND CLASS

Rahul Bairwa

MINING ENGINEERING

M. Tech in Mining Engineering with

B. TECH HONOURS

Ashish Rajput

Kushal Tibrewal

Roshan Khan

Abhijeet Dutta

B. TECH 1ST CLASS

Anish Kumar Swain

Samresh Kumar Pradhan

Bira Kishore Tirkey

Satyabrata Behera

INTEGRATED MASTER OF SCIENCE
[WITH BACHELOR OF SCIENCE (Honours)]

CHEMISTRY

1ST CLASS M. SC+ 1ST CLASS B. SC.

Anjani Kumar
Anurag Mohanty
Ch Chiranjibi Nanda
Gaurav Singh
Prajna Moharana
Rahul
Samapika Mishra
Sandeep Kesh
Sannapureddi Rajesh Kumar Reddy
Shanu Kumari
Soumitra Ranjan Nayak
Sujata Mahapatra
Sumit Kumar
Swaraj Rashmi Pradhan
Vadla Chandurani
Vivekananda Sahu

1ST CLASS M. SC+ 2ND CLASS B. SC.

Sabhavat Krishna
Sitikantha Acharya
Sonali Pradhan
Sushant Kumar Jena

2ND CLASS M. SC+ 2ND CLASS B. SC.

Siddharth Kamal

MATHEMATICS

1ST CLASS M. SC+ 1ST CLASS B. SC.

A Pratyusha
Akash Deep Yadav
Amisha Priyadarshini
Amit Jena
Ankush Kanwar
Arpit Chandan Swain
Ashutosh Agrawal
Kadarla Manoj Kumar
Raj Kumar
Rayaprolu Satya Chandra Mouli
Santosh Kumar Rana
Shreyas J S
Sukka Suneela
Vinod Kumar

1ST CLASS M. SC+ 2ND CLASS B. SC.

Ankur Kumar
Ashit Kumar Nayak
Satyapriya Kujur
Vivek Kumar

2ND CLASS M. SC+ 2ND CLASS B. SC.

Biswajeet Pradhan
Jagmohan Bagh
Raju Mirdha
Sambit Sekhar Rana

PHYSICS

1ST CLASS M. SC+ 1ST CLASS B. SC.

Abinash Kar
Aditya Kumar Sahu
Arunika Sahu
Asit Kumar Purohit
Auro Prasad Mohanty
Baikuntha Nath Sahu
Bharat Bhusan Behera
Ibsita Parichha
Jasti Naga Prathibha
Jaya Sanatan Balmuchu
Jayashree Behera
Laba Puala
Mekap Subhasish Pattanaik
Nishit Nishikant
Ronit Mahapatra
Sudeep Kumar Sahu
Swayamtrupta Panda

2ND CLASS M. SC+ 1ST CLASS B. SC.

Shubham

MASTER OF SCIENCE

APPLIED GEOLOGY

1ST CLASS

Archchi Sarkar
Bibek Chatterjee
Debasis Pal
Dibyashakti Panda
Gokulakrishnan G
Pallavi Praharaj
Raja Sen
Sanjukta Dhar
Sohinee Mukherjee

CHEMISTRY

1ST CLASS

Abhishek Garai
Aniruddha Singha
Ankit Kumar Gaur
Darlington Blanyon Scere
Juhi Dutta
Krishnendu Das
Monojit Das Bairagya
Rajat Naskar
Shubham Debnath
Sourabh Bera
Subhankar Kundu
Suman Das

LIFE SCIENCE

1ST CLASS

Arnab Kapuria
Gogineni Balarama Krishna
Khrang Khrang Khunggur Mushahary
Manali Das
Neethi Chandra Thathapudi
Pankaj Kumar
Prasanjeet Kumar Biswas
Triyambak Pushkarna

MATHEMATICS

1ST CLASS

Aliviya Bhowmick
Arindam Das
Diksha Ghalot
Gobinda Garai
Himanshu Jaiswal
Pallab Maiti
Saurav Naik
Shubhankar Mandal
Uttam Kumar Mandal

2ND CLASS

Anuradha Swain
Sonu Munda
Sreyashee Jena

PHYSICS

1ST CLASS

Abhishek Ray
Gaurav Sangwan
Gurudayal Behera
Himani Chahar
Mahasweta Pandit
Manasi Mandal
Satadal Das

MASTER OF ARTS IN DEVELOPMENT STUDIES

1ST CLASS

Ainem Saini
Amita Tirkey
Baishali Tamuly
Debashish Pradhan
Dimple Pattnaik
Firdaus Ambareen
Kanan Babuta
Madhusmita Mohapatra
Parul Rathore
Priyanka Kumari
Risma Mohanty
Shashi Kumar
Sucheta Haldar
Sushmita Tanty
Upali Aparajita Mullick

MASTER OF BUSINESS ADMINISTRATION

1ST CLASS

Abhisek Khandai
Aman Kumar Singh
Amit Kumar Biswal
Archana Garnaik
Asim Mohanty
Bibek Dash
Brijesh Bhushan Rath
Deepak Kumar Singh
Deepanjali Sahoo
Gourav Datta
Himanshu Singh
Irfana Hashmi
Jyoti Shankar Nath
Kushal Dey
Manoj Lakumalla
Mukesh Kumar Singh
Niladri Sahu
Pallavi Palo
Partha Sarathi Pradhan
Puja Tewari
Ramandeep Singh
Rashmi Kumari Sahoo
Rosali Panigrahi
Sanjana Tripathy
Satya Swaroop Bhuyan
Shyam Sundar Satpathy
Sidhant Nayak
Simpi Patel
Subhashree Jena
Subhayan Ghosh
Swarup Suman
Vishakha Pal

BACHELOR OF TECHNOLOGY

BIOMEDICAL ENGINEERING

HONOURS

Ashirbad Pradhan
Isha Satyam
Kartikeya Singh Jodha
Madhulika Das
Patel Hailee Bharat
Swapnil Rajeev
Vishwajeet Kumar

1ST CLASS

Aasutosh Purohit
Bharati Tanty
Chandan Kumar Soni
Lalatendu Sahu
Muppichetty Sowmyasree
Prateek Kumar Dewangan
Pratyush Dash
Rakesh Kumar Sidu
Sachin Kumar
Samruddhi Kelkar
Siladittya Sahu
Sulagna Sahu
Yesudasari Poornachandra Rao

2ND CLASS

Nitesh Raj Dahal

BIOTECHNOLOGY

HONOURS

Abhishek Singh Chauhan
Iragavarapu Akhil Gargey
Jikku Mary John
Saismita Nayak
Soumyajit Balabantaray
Sudeep Sukla

1ST CLASS

Alubilli Harish
Dontha Venkatesh
Jayant Tiwari
Prayashree Bahalia
Rahul Dagariya
Sandeep Kumar Jena
Siddharth Arugula
Sriya Sudha
Subhashree Swain
Subhendu Kumar Sahoo
Sudipt Kumar Dalei

2ND CLASS

Bhukya Ravichandra
Chekuri Venkat
Guru Charan Das
Karri Ganesh Kumar

CIVIL ENGINEERING

HONOURS

Garladinne Dinesh Kumar
Manoj Kumar Biswal
Md Akramuddin Ansari
Ramlakhan Kumar
Rudraraju Venkata Sai Satish Varma
Sai Paramesh Jena
Sandeep Kumar Sahu
Sasanapuri Sarat
Shubham Kumar Shee
Suraj Kumar Beriwal

1ST CLASS

Akash Pattnaik
Akhilesh Kumar Singh
Anshuman
Archit Acharya
Aswini Kumar Behera
Buddhadev Rath
Devashish Meena
Dipesh Soni
Jigme Thinley
Jonnada Vinay Kumar
Khairullah
Lalatendu Bidyadhar Jena
Mallidi Hemanth Kumar Reddy
Mohammad Mahdi Eskandari
Prashant Tibrewal
Pratyush Chandan Mohanta
Rahul Kumar
Roshan Kumar Tarai
Sai Anuvab Nath
Sai Ashish
Satyabrata Mohapatra
Subham Agrawal
Suraj Kumar
Thinley Dorji
Ugyen Wangchuk
Yerragunta Chandra Sekhar Reddy

2ND CLASS

Duggapu Suresh Kumar
Vikash Kumar

CHEMICAL ENGINEERING

HONOURS

Abhishek Chatterji
Abhishek Kumar Tilak
Akankshya Sahu
Amisha Agarwal
Amit Kumar Chaturvedi
Ananta Charan Barik
Anubhav Moharana
B Litusha Patro
Bikash Sahoo
Gurleen Kaur Sahani
Haradhan Paul
Mukesh Kumar
Rishav Chand
Sanjeeban Nanda
Sidhartha Tirthankar
Sonam Bijaya
Subham Bansal
Swetashree Sahoo
Yogesh Prajapati

1ST CLASS

Ajit Sahoo
Gaurav Kumar
Himadri Tanaya Priyadarsani Sahu
Kalicharan Panda
Kumar Chand Behera
Mithilesh Kumar Yadav
Nand Lal Sepat
Pawan
Prateek Singhal
Rishabh Raj
Sameer Pandey
Sanjay Kumar Meher
Saroj Kumar Behera
Shivam Saroha
Sidharth Sekhar Sahoo
Sipra Priyadarshinee
Subhakanta Nayak
Suchitra Murmu

Talari Abhishek Babu
Tannya Sarah George
Vikash Kumar
Vinod Kumar Meena

2ND CLASS

Ashis Kumar
Rathlavath Sreenu
S Teja
Sarbeswar Soren

CERAMIC ENGINEERING

HONOURS

Kshitish Kumar Jena
Megha Acharya
Monali Monalisa
Pranodita Sahoo
Sandip Kumar
Saurabh Bhukania
Subal Mandal
T Satish Kumar
Tasneem Ara Begum
Upasana Misra

1ST CLASS

Abhishek Anand
Abinash Parida
Amit Kumar
Anmol Kujur
Ashish Kumar Naik
Behera Sunil Kumar
Braj Kishor Sah
Chinmaya Chintan Nanda
Jatothu Srinivas
Jyotirmoy Sarma
Kamble Vishwanath Umesh
Manish Mallick
Ranveer Singh
Rupali Patro
Sanjay Dhakar
Sushanta Padhan
Swaraj Mund
Vineet Shukla

COMPUTER SCIENCE & ENGINEERING

HONOURS

Abhishek Anand
Amrit Kanungo
Anubhav Behera
Anup Das
Arjun Kumar Agrawal
Ashish Kumar
Ashutosh Dwivedi
Bhubanananda Chhatriya
Biplab Barik
Himanshu Agrawal
Md Shahbaz Shafi
Navin Modi
Om Prakash Acharya
Rasesh Kumar Rout
Rohan Kumar Bhoi
Sachidananda Maharana
Sambit Sahoo
Sanjay Mishra
Shaheen Sultana
Shivanee Gupta
Sidhanta Choudhury
Siripurapu Sneha
Swati Mishra
Swetaswini Nayak
U K Vishnu
Vikas Patidar

1ST CLASS

Abhilash Patro
Abhisek Das
Aditi Dandekar
Aditya Dash
Akshay Dawar
Andhavaarapu Aditya
Anirban Nayak
Anjula Mehta
Avinash Kumar Barnwal
Awanish Kumar
Basir Khan
Chandan Kumar Meher
Chinmaya Dehury
Erabelly Anirudh
Gajula Yoshitha
Gaurav Raghuvanshi
Gopi Raju Naik Malavathu
Jumle Uday Ravi
Kamala Kanta Jena
Kruti Kallola Mohanta
Kumar Gaurav
Kunusoth Haripriya
Manika Tiriya
Maradana Ravindra Babu
Mayank Kumar
Nalli Maneesh
Naman Kumar Agarwal
P Chetan Reddy
Palle Koushik Reddy
Pritish Kumar Roy
Rasmita Hembram
Ritu Panda
Rohit Kumar Sahoo
Sajan Kumar Sahu
Singireddi Hari Krishna
Smruti Swajalika
Sringarika Pandey
Sudhanshu Patel
Tanmay Parasher
Utsav Adhikari
Vankayala Narendra Kumar
Vivek Badde

2ND CLASS

Akhil Saraswat
Kamal Kumar
NG Kamba Romeo
Vaditya Ramesh

ELECTRONICS & COMMUNICATION ENGINEERING

HONOURS

Aakar Kapoor
Akshay Kumar
Anshuman Nanda
Banhi Biswajeeta
Batna Srinija
Bejugam Sai Kiran
Bhamidimarri Satya Kiranmayi
Bhavaraju S K N Sai Sita Jaya Priyanka
Debmalya Mallick
Dharmasish Sahoo
Dilip Kumar Pati
Ganne Chaitanya Sai
Khushboo Agrawal
Narendra Dehury
Patnaik Anshuman Susantakumar
Pragnya Paramita Biswas
Pratikshya Panigrahi
Sujit Kumar Patra
Tapopadma Tripathy

1ST CLASS

Abhilash Patel
Abhishek Nowduru
Amit Sahoo
Bora Naveen Kumar
Himanshu Shekhar Behera
J Harshavardhan Reddy
M Murali Krishna
Mukkamalla Jashwanth Reddy
Pradip Kunwar
Proneet Nibedit
Ramavathu Sakru Naik
Ratnakar Vijay Mangalam

2ND CLASS

Bikash Kumar Behera
Deepak Kumar Nayak
Kusmi Vamsi Krishna
Nikhil Kumar

ELECTRICAL ENGINEERING

HONOURS

Aayush Kumar
Abanish Das
Abhilash Majhi Samanta
Aman Sabat
Anamitra Chakraborty
Anupam Samantaray
Avinish Kumar Verma
Buridi Sravya
Gaurab Panda
K Bishnu Prasad
Kuntamukkula S N V Vamsi Aditya
Mihir Kumar Das
Partha Sarathi Gouda
Prashant Kumar
Sagar Kumar
Satya Sundar Sahoo
Shailesh Tripathy
Shripragnya Swain
Singh Apoorva
Vedanshu Dash
Vishruti Ranjan

1ST CLASS

Abhisek Sethi
Abinash Agrawal
Agniva Das
Agnivesh Satapathy
Arunava Saha
Bibek Prusty
Bidhan Chandra Mohanty
Bikash Prasad
Bisesh Sahoo
Biswajit Panda
Junaid Ahemad Khan
Kalwa Abhilash
Kamble Akash Kalidas
Kartik Sharma
Kartikeya Sai Sri Vamsy Vaddi
Mandadi Vamshider Reddy
Meghashree Das
Mukesh Chand Meena
Partha Sarathi Mahala
Prasenjit Sethy
Rohit Kumar
Sarthak Behera
Sibjit Sahoo
Subham Das
Subhasish Behera
Swadhin Kumar
Swastik Sovan Panda
Syed Abrar Ahmed Quadri
Takhellambam Nilakanta Singh

Udit Nayak
Vinit Meena
Yashaswee Vijay Krishna

2ND CLASS

Ashish Pandey
Dakkamadugula Ravi
Rajeev Ranjan
R Venkat Satya Naga Manikanta
Rajeev Kumar

ELECTRONICS & INSTRUMENTATION ENGINEERING

HONOURS

Abhishek Panigrahi
Akanksha Priyadarshini
Asit Kumar Sahoo
Chandra Prakash Sahoo
Chittaranjan Baliarsingh
Divya Rani Pallapothu
Jyotsna Katiyar
Rajendra Roul
Rituparna
Satya Ranjan Sahoo
Sumit Kumar Muduli
Vineesh A S Vijayaraghavan

1ST CLASS

Abhinav Prusty
Akash Singhal
Ayush Kumar
Brajen Malakar
Chinmay Kumar Lenka
G V V N Vamsi Krishna
Irshad Ahmad
Kondapaneni Aravind Kumar
Kumar Gaurav
Mudunuri Satya Srinivasa Varma
Mukti Ranjan Harichandan
Paresh Sethi
Pratik Kar
Rajkishore Tudu
Shital Nagsen Meshram
Siddharth Sagar Barpanda
Simarpreet Singh Arora
Sumit Kumar Gupta
Surabhi Shatarupa
Vishal Arvind

2ND CLASS

Deepak Patel
Deepanker Chaoubey

INDUSTRIAL ENGINEERING

HONOURS

Asish Sahoo
Bharat Bhusan Apat
Biswaksen Patnaik
Dhiraj Pandagre
Jevin John
Pragyan Prakash Parida
Ravi Prakash
Sharvani Supreiya
Sonalisa Patel
Tridev Dash
Udatthu Venkata Jayaramasai Krishna Uttham
Upasana Behera

1ST CLASS

Aditya Bothra
Amit Kumar Nayak
Gorapalli Khagan Kedarnath

Jyotirmayee Das
Kulkarni Arpit Deepak
Peeri Akash
Rahul Tripathy
Rajat Meena
Sandeep Kumar Gupta
Sankalp Sundaray
Sayon Mondal
Sibaprasad Sahoo
Surajit Barad
Tummala Phani
V Sharat Chandra Reddy

MECHANICAL ENGINEERING

HONOURS

Abhijit Paikaray
Abhijit Pusty
Abhisek Pattanaik
Abhishek Dash
Abhishek Kumar Tiwary
Abhishek Mishra
Aman Bharti
Anshuman Swain
Arbind Baraik
Asish Kumar Parida
Bhagabati Prasad Panda
Brabim Sahoo
Chandan Kumar Pothal
Homagni Saha
Kanakam Vamsi
M Harsha Vardhan Koteswara Rao
Manabendra Rout
Murathoty Paul Rohit
Nallaballe Venkata Ramana
Nallana Mithun Babu
Ojaswi Kumar Sahoo
Om Prakash Das
Peri Sowmya
Prashant Kumar Sinha
Preetam Subudhi
Rahul Kumar
Rajarshi Mondal
Rajesh Ranjan
Rudra Narayan Das
Sandeep Kumar Sahoo
Sankha Sai Sandeep
Setty Rama Krishna
Soumya Saswat Panda
Sourav De
Swapnil Kashyap
Swarup Kumar Subudhi
Tanmoy Rakshit
Tushar Disankit
Utkarsh Kumar Kannaujia
Vikash Singh
Vipul Vaibhav
Vivek Kulhar
Vivek Kumar Singh

1ST CLASS

Abhilash Sahoo
Abhishek Jha
Alok Kumar Naik
Anuj Kumar Maurya
Arnab Saha
Ashish Kumar Pradhan
Ashutosh Das
B Francis Xeviar
Chiranjeet Sahoo
Dharmana Rajesh
Dinesh Chandra
Dinesh Kumar Sahoo
Gautam Kumar

Guddu Lal Meena
Jeff Wellesly
Jyoti Ranjan Mohapatra
Kallul Hazarika
Kandukuri Rama Krishna Prasad
Kshitish Kumar Bhol
Mahindra Bhoi
Mohammad Dawood
Neha Choudhary
Nirveek Kumar Sahoo
Pallavi Bal
Partho Protim Biswas
Prithvi Yalamarti
Raj Babbar Kumar
Rajooru Satishkumar Reddy
Ramakrishnamraju Bhupathiraju
Ratikanta Behera
Rishabh Gautam
Saurav Kumar
Somya Ranjan Bag
Soumya Ranjan Behera
Suraj Karra
Waseem Abdullahi

2ND CLASS

Sandeep Kumar
Shashi Bhusan Kumar

METALLURGICAL & MATERIALS ENGINEERING

HONOURS

Akash Ranjan Pradhan
Amish Kumar Nandan
D Hitesh Rao Patra
Gurleen Sandhu
Kundan Kumar
Manaswini Chinara
Philkhana Naga Harshita
Sanket Samantray
Sidhant Pati
Spandan Behera
Sri Kalki Siva Satwik Karri
Sripooja Mishra
Surjeet Mishra
Sweta Sahoo

1ST CLASS

Ajith Krishnan
Anurag Mishra
Arnik Khillar
Cherukuri Saketh Suhasan
David Livingstone Vodigunda
Gitesh Gautam
Gudala Sagar Goud
Gundu Prudhviraj
Jyoti Prakash
Jyoti Ranjan Mahakul
Mangu Sriharsha
Md Moshraful Islam
Nataraj Sahoo
Prajnadatta Meher
Rakesh Das
Rasmi Ranjan Sahoo
Rohit Jaiswal
Satya Sankalp
Satyam Choudhury
Shivam Sisodiya
Subhrakanta Mishra
Surjeet Murmu
T Chaitanya Kiran
Varsha Parida
Vykunta Harsha Vardhan

2ND CLASS

Bhola Kumar Kharwar
Brajesh Ranjan
Jyoti Prakash Jena
Saswat Kumar Behera

MINING ENGINEERING

HONOURS

Aditya Acharya
Aswini Kumar Padhi
Basava Vishal Naidu
Kodati Pavan Kalyan
Maitreya Mohan Sahoo
Piyush Dwivedi
Prateek Rout
Rakesh Kumar Nayak

1ST CLASS

Abinash Mohanty
Akash Aman
Alok Kumar Mallick
C Thejeswar Reddy
Dibyanshu Shekhar Bhoi
Dinesh Kumar Meena
Dovari Siva Kumar
Kumar Abhishek
Mangena Hemanth
Manoj Kumar Nayak
Neelabh Abhishek
Nisha Gupta
Nishant Kumar
Prasanjit Dandapat
Prashant Kumar
Pulack Ranjan Nayak
Rahul Bansal
Subhendu Pradhan
Tanmaya Kumar Patra

2ND CLASS

Arun Kumar

राष्ट्रीय प्रौद्योगिकी संस्थानम्
राउरकेला

दीक्षांत – प्रतिज्ञा

सर्वे वयं राष्ट्रीय प्रौद्योगिकी संस्थानस्य स्नातकाः अस्मिन् महार्घे महोत्सवे समवेताः शपथमिदं पठामः यत् :–

विविध वैषयिक स्नातकाभियांत्रिकभावेन परमनिष्ठाया त्यागेन च सह सदैवं स्व–स्व कर्तव्यं सुचारुः संपादयिष्यामः ।

येन केन परिस्थित्यागतेनापि व्यक्तिगतस्वतंत्रतायाः वृत्तिगत मुल्यबोधस्य च संरक्षणाय सततं चेष्टिष्यामहे ।

पुनश्च अत्रोपार्जितं सूचना – प्रयुक्ति यंत्रविज्ञान ज्ञानराशिं च विश्व मानवसेवायां नियतं विनियोज्य अस्य अस्मद् महागुरुकुलस्य सुचिरं सम्मानमक्षुण्णं रक्षिष्यामरितिशम् ।

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

PLEDGE

We the students of the National Institute of Technology Rourkela graduating in the year 2016, hereby pledge -

"That we will discharge our duties as Engineers, Scientists and Technologists with utmost sincerity and dedication,

That we will strive under all circumstances to maintain individual dignity and professional integrity, and

That we will utilize our knowledge in the field of Science and Technology to serve the humanity and to uphold the dignity of our alma mater."

Medals & Prizes

XIV Convocation

Winners of Institute Gold Medals

SHANU KUMARI
Institute Gold Medal for the
Best Postgraduate with
Integrated M.Sc Degree

DHIMAN DAS
Gold Medal for the Best
Postgraduate Project
(M.Tech and Dual Degree)

SONALISA PATEL
Gold Medal for the
Best Under-graduate Project
(B.Tech and B. Arch)

SASWAT RANJAN MISHRA
Institute Gold Medal
for the Best Postgraduate with
Dual Degree B.Tech and M.Tech

SAGAR KUMAR
Institute Gold Medal
for Best Graduate
(B.Tech and B.Arch)

SANJANA TRIPATHY
Institute Gold Medal
for the Best Postgraduate
(MBA)

SUBHANKAR KUNDU
Institute Gold Medal
for the Best Postgraduate
(2 Yr M.Sc. and MA)

MANISH KUMAR
Institute Gold Medal
for the Best Postgraduate
(M.Tech)

INSTITUTE BRANCH TOPPERS

1. UNDERGRADUATE COURSES (B.TECH)

Biomedical Engineering	:	PATEL HAILEE BHARAT
Biotechnology	:	ABHISHEK SINGH CHAUHAN
Civil Engineering	:	GARLADINNE DINESH KUMAR
Chemical Engineering	:	AKANKSHYA SAHU
Ceramic Engineering	:	MEGHA ACHARYA
Computer Science and Engineering	:	MD SHAHBAZ SHAFI
Electronics and Communication Engineering	:	DEBMALYA MALLICK
Electronics and Instrumentation Engineering	:	CHITTARANJAN BALIARSINGH
Electrical Engineering	:	SAGAR KUMAR
Industrial Design	:	SONALISA PATEL
Mechanical Engineering	:	ABHIJIT PUSTY
Metallurgical and Materials Engineering	:	MANASWINI CHINARA
Mining Engineering	:	ADITYA ACHARYA

2. B.TECH & M.TECH DUAL DEGREE

Transportation Engineering	:	SOURABH PANDA
Water Resources Engineering	:	DEBASHISH KHUNTIA
Chemical Engineering	:	SANGITA SWAPNASRITA
Ceramic Engineering	:	SOUMYA PRAKASH SAHOO
Computer Science	:	SANDEEP PANDA
Information Security	:	MADHUMITA RAUTELA
VLSI Design and Embedded Systems	:	K VENKATA SRIRAMA ROHIT
Communication and Signal Processing	:	NANDITA DALMIA
Electronic Systems and Communication	:	SIDHARTHA MOHAPATRA
Power Control and Drives	:	SASWAT RANJAN MISHRA
Control and Automation	:	ANURAG BHARAT KUMAR SHAH
Mechatronics and Automation	:	RAJDEEP PAL
Metallurgical and Materials Engineering	:	SHRIKANTH S
Mining Engineering	:	ABHIJEET DUTTA

3. POSTGRADUATE COURSES

M.Tech

Department and Specialization Topper

Biotechnology and Medical Engineering

Specialization: Biomedical Engineering	:	KRISHNA DIXIT
Specialization: Biotechnology	:	YAMINI YOGALAKSHMI

Civil Engineering

Specialization: Geotechnical Engineering	:	MAHAJAN SHWETA YOGIRAJ
Specialization: Structural Engineering	:	KAMALAKKANNAN S
Specialization: Transportation Engineering	:	VEERA LEELA MANUSHA
Specialization: Water Resources Engineering	:	JNANA RANJAN KHUNTIA

Chemical Engineering

Specialization: Chemical Engineering	:	PATANKAR SAGAR VINOD
Specialization: Safety Engineering	:	GARIMELLA VENKATA SAINATH

Ceramic Engineering

Specialization: Industrial Ceramics	:	AKANKSHA KUMARI

Computer Science Engineering

Specialization: Computer Science	:	LOKESH SHARMA
Specialization: Information Security	:	DIANGARTI BHALANG TARIANG
Specialization: Software Engineering	:	RANSINGH BISWAJIT RAY

Electronics and Communication Engineering

Specialization: VLSI Design and Embedded Systems	:	SRADHANJALI MOHAPATRA
Specialization: Electronics and Instrumentation Engineering	:	DEBASHIS BISWAL
Specialization: Communication and Networks	:	SNIGDHA BHUYAN
Specialization: Signal & Image Processing	:	MONA SHREE

Electrical Engineering

Specialization: Electronic Systems and Communication	:	PRIYANKA
Specialization: Control and Automation	:	ANUBHAV SUNDARIA
Specialization: Power Electronics and Drives	:	SHRUTISNATA MISHRA
Specialization: Industrial Electronics	:	ABHIRUP PAL

Industrial Engineering

Specialization: Industrial Design	:	MANISH KUMAR

Mechanical Engineering

Specialization: Machine Design and Analysis	:	YASSIN ALKASSAR
Specialization: Production Engineering	:	CHANDRAMANI UPADHYAY
Specialization: Thermal Engineering	:	DIBYENDU GHOSH
Specialization: Cryogenic and Vacuum Technology	:	BASIL GEORGE THOMAS

Metallurgical and Materials Engineering

Specialization: Metallurgical and Materials Engineering	:	PALLABI BHUYAN
Specialization: Steel Technology	:	BHARDWAJ RAVINDRA GIRIRAJ

Mining Engineering

Specialization: Mining Engineering	:	HIMALAY SHARMA

4. MASTER OF ARTS

Development Studies	:	DIMPLE PATTNAIK

5. MASTER OF SCIENCE (2 YEARS)

Chemistry	:	SUBHANKAR KUNDU
Applied Geology	:	DIBYASHAKTI PANDA
Life Science	:	MANALI DAS
Mathematics	:	DIKSHA GHALOT
Physics	:	MANASI MANDAL

6. MASTER OF SCIENCE (5 YEARS)

Chemistry	:	SHANU KUMARI
Mathematics	:	AMISHA PRIYADARSHINI
Physics	:	MEKAP SUBHASISH PATTANAIK

ENDOWMENT AWARDS

AWARDS

Prof. S.C. Naik Gold Medal : AKANKSHYA SAHU
(Best Graduate of Chemical Engineering)
Chemical Engineering

Snigdhashri Patra Memorial Gold Medal : ARUNA THAKUR
(Best Ph.D. Thesis of 2015-16)

Saurav Ranjan Kar Memorial Award : SAGAR KUMAR
(Best Graduate of the Institute)

Pranab Memorial Award : ABHIJIT PUSTY
(Best Graduate of Mechanical Engineering)

Bhaswati Paul Memorial Award : NONE FOUND SUITABLE
(Best Project on Environment Pollution)

Santa Jain Prize : DHIMAN DAS
(Best product oriented project)

Bunty Memorial Award : SAGAR KUMAR
(Best Engineering Graduate of the Institute)

Sugat Kishoire Mall Memorial Award : SAGAR KUMAR
(Best Graduate of Electrical Engineering)

Prof. Ashok Kumar Mohanty Award : MANASWINI CHINARA
(Best Graduate of Metallurgical
& Materials Engineering)

Ronak Das Memorial Award : SIDHARTHA TIRTHANKAR
(Best Undergraduate Project of Chemical Engineering)

(**Note:** This list has been approved based on the preliminary verification of records. If in future, ISDC or EDC is detected against any student declared eligible for medal will be ineligible and the student next in the merit will be awarded the medal/prize.)

About NIT Rourkela

MEMBERS OF BOARD OF GOVERNORS

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Fax : 022-22804610/22804611
Mob : 9987260961
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Mob : 08130585511
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Fax: 0661-2462022/2472926
Mob : 9437484951
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MEMBERS OF SENATE, NIT ROURKELA

A) Director & Chairman:

1. Prof. Animesh Biswas, Director

B) Members, Professors of the Institute:

2 Prof. Anup Kumar Panda, EE
3 Prof. Bankim Chandra Ray, MM
4 Prof. Banshidhar Majhi, CS
5 Prof. Bhatu Kumar Pal, MN
6 Prof. Bibhuti Bhusan Biswal, ID
7 Prof. Bidyadhar Subudhi, EE
8 Prof. Bijoy Kumar Nanda, ME
9 Prof. Bipin Bihari Verma, MM
10 Prof. Chittaranjan Patra, CE
11 Prof. Dayal Ramakrushna Parhi, ME
12 Prof. Debi Prasad Tripathy, MN
13 Prof. Gopal Krishna Panda, MA
14 Prof. Japes Bera, CR
15 Prof. Jitendriya Kumar Satapathy, EE
16 Prof. Kalipada Maity, ME
17 Prof. Kamalakanta Mahapatra, EC
18 Prof. Kanhu Charan Patra, CE
19 Prof. Kishor Chandra Pati, MA
20 Prof.(Ms.) Krishna Pramanik, BM
21 Prof. Mahabir Panda, CE
22 Prof. Nagendra Roy, CE
23 Prof. Raghubansh Kumar Singh, CH
24 Prof. Ranjit Kumar Sahoo, ME
25 Prof. Samir Kumar Acharya, ME
26 Prof. Sanjay Kumar Jena, CS
27 Prof. Santanu Kumar Rath, CS
28 Prof. Santanu Bhattacharyya, CR
29 Prof. Sarat Kumar Patra, EC
30 Prof. Satish kumar Agarwal, CH
31 Prof. Shishir Kumar Sahu, CE
32 Prof. Siba Sankar Mahapatra, ME

33 Prof. Simanchala Panigrahi, PH
34 Prof. Singam Jayanthu, MN
35 Prof. Snehashish Chakraverty, MA
36 Prof. Subash Chandra Mishra, MM
37 Prof. Sukadev Meher, EC
38 Prof. Suresh Prasad Singh, CE
39 Prof. Susanta Kumar Sahoo, ME

C) External Members:

40. Prof. R.K. Mishra
Electronics Science, Berhampur University,
Bhanja Vihar, Berhampur- 760007

41. Prof. P.K. Biswas
Department of E & ECE Engineering,
IIT Kharagpur – 721 302

42. Prof. Padmabati Gahan
Department of Business Administration,
Sambalpur University, Jyoti Vihar, Sambalpur- 768019

D) Secretary:

43. Prof. Saroj Kumar Patel, ME, Registrar

E) Invitees (Faculties & Officers):

44 Prof. Basudatta Sarkar, PA
45 Prof. Md. Equeenuddin, ER
46 Dr. Mohammed Rajik Khan, ID
47 Prof. Nihar Ranjan Mishra, HS
48 Prof. Sabyasachi Mishra, FP
49 Prof. Sujit Kumar Bhutia, LS
50 Prof. Bibhuti Bhusan Nayak, CR
51 Prof. Dinabandhu Bag, SM
52 Prof. Durga Prasad Mohapatra, CS
53 Prof. Manoj Kumar Mishra, MN
54 Prof. Mukesh Kumar Gupta, BM
55 Prof. Pawan Kumar, PH
56 Prof. Saurav Chatterjee, CY
57 Mr. Bamadev. Acharya, AC
58 Mr. Ashis Kumar Behera, AC

F) Invitees (Students):

59. Kukkadapu Nishant - B.TECH(113ME0564), UG
60. Abhisekh Chakraborty - M.TECH(215CE3035), PG

SUCCESSIVE LIST OF CHAIRMEN, BOARD OF GOVERNORS

REGIONAL ENGINEERING COLLEGE ROURKELA

		From	To
1.	**Shri Biju Patnaik,** Chief Minister, Govt. of Odisha	15-08-1961	19-12-1963
2.	**Shri Biju Patnaik,** Chairman, Planning Board, Govt. of Odisha	20-12-1963	28-03-1965
3.	**Shri Sadashiva Tripathy,** Chief Minister, Govt. of Odisha	14-04-1965	07-03-1967
4.	**Dr. Hadibandhu Mohanty,** Technical Advisor to Govt. of Odisha	07-10-1967	06-10-1973
5.	**Shri K. T. Satarwala,** Advisor to Govt. of Odisha	07-10-1973	03-05-1974
6.	**Shri Kanhu Charan Lenka,** Ministry of Industries, Planning & Co-ordination, Govt. of Odisha	04-05-1974	16-02-1976
7.	**Shri Kanhu Charan Lenka,** Ministry of Industries, Govt. of Odisha	14-01-1977	30-04-1977
8.	**Shri Harish Chandra Bauxipatra,** Ministry of Industries, Mining, Geology & Rural Department, Govt. of Odisha	06-07-1977	18-02-1980
9.	**Shri Kishore Chandra Patel,** Ministry of States for Industries, Govt. of Odisha	12-08-1980	08-03-1985
10.	**Shri S.B. Mishra,** IAS, Commissioner-cum-Secretary, Industries Dept., Govt. of Odisha	06-06-1985	03-01-1986
11.	**Shri Jadunath Das Mohapatra,** Ministry of Education & Youth Services, Govt. of Odisha	04-01-1986	29-10-1986
12	**Shri Niranjan Patnaik,** Ministry of Industries, Science, Technology & Environment, Govt. of Odisha	30-10-1986	16-11-1989
13.	**Shri S. B. Mishra,** IAS, Secretary, Industries Dept., Govt. of Odisha	17-11-1989	12-08-1990
14.	**Shri Dillip Ray,** Ministry of Industries, Govt. of Odisha	13-08-1990	03-05-1996
15.	**Shri Niranjan Patnaik,** Ministry of Industries, Govt. of Odisha	04-05-1996	22-07-1999
16.	**Dr. Giridhar Gomang,** Chief Minister, Govt. of Odisha	23-07-1999	10-03-2000
17.	**Shri Kanak Vardhan SinghDeo,** Ministry of Industries, Govt. of Odisha	11-03-2000	25-06-2002

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

		From	To
1	**Shri Kanak Vardhan Singh Deo** Ministry of Industries & Public Enterprise, Govt. of Odisha	26-06-2002	01-09-2002
2	**Dr. Bansidhar Panda** Chairman & Managing Director, IMFA Group of Industries, Bhubaneswar	02-09-2002	16-12-2007
3	**Shri Drona Rath** CMD, MECON LIMITED	17-12-2007	16.12.2010
4	**Shri B. S. Sudhir Chandra** Director (Project & Planning), Bangalore Metro Rail Corporation Ltd.	01.03.2011	24.11.2014
5	**Mrs. Vasantha Ramaswamy** Founder Director, Aprameya Associates, Pune	25.11.2014	05.08.2016

SUCCESSIVE LIST OF PRINCIPALS

REGIONAL ENGINEERING COLLEGE, ROURKELA

		From	To
1	Shri B. Mishra	15-08-1961	11-02-1962
2	Prof. Bhubaneswar Behera	12-02-1962	19-07-1971
3	Prof. H. S. Nagabhushanaiah	20-07-1971	30-08-1972
4	Prof. R. Mishra	31-08-1972	30-08-1973
5	Prof. H. S. Nagabhushanaiah	31-08-1973	16-10-1974
6	Prof. Somnath Mishra	17-10-1974	31-01-1996
7	Prof. Ashok Kumar Mohanty	01-02-1996	30-09-2001
8	Prof. Gopendra Kishore Roy	01-10-2001	25-06-2002

SUCCESSIVE LIST OF DIRECTORS

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

		From	To
1	Prof. Gopendra Kishore Roy	26-06-2002	06-05-2003
2	Prof. Sunil Kumar Sarangi	07-05-2003	28-03-2005
3	Prof. Bijaya Kumar Rath	29-03-2005	02-11-2005
4	Prof. Sunil Kumar Sarangi	03-11-2005	02.11.2010
5	Prof. Prafulla Chandra Panda	03.11.2010	24.05.2011
6	Prof. Sunil Kumar Sarangi	25.05.2011	30.06.2016
7	Prof. Ranjit Kumar Sahoo	01.07.2016	10.10.2016
8	Prof. Animesh Biswas	11.10.2016	Continuing

FROM THE ARCHIVE
RECIPIENTS OF DOCTOR OF SCIENCE
(Honoris Causa)

Padma Vibhushan Dr. E. Sreedharan
M.D., Delhi Metro
First Special Convocation
Held at Silicon Valley of India, Bengaluru, on 13 April 2014

(In recognition of his significant contribution to the field of Civil Engineering and his pioneering work in establishment of Metro Rail systems in India.)

Padma Shri Dr. Srikumar Banerjee
Homi Bhabha Chair Professor, BARC Mumbai
Twelfth Convocation, 17 January 2015

(In recognition of his significant contribution to the fields of Metallurgical Engineering and Nuclear Sciences in India.)

Dr. Bansidhar Panda
Founder Chairman, Indian Metal and Ferro Alloys Ltd)
Second Special Convocation
Held at Bhubaneswar, on 10 July 2015

(In recognition of his pioneering contribution to growth of Ferroalloy Industry and to Social and Cultural upliftment of the society)

Padma Shri Prof. Manindra Agrawal
Professor, Dept of Computer Science and Engineering, IIT Kanpur
Second Special Convocation
Held at Bhubaneswar, on 10 July 2015

(In recognition of his pioneering contribution to the field of Computer Science & Engineering and Engineering education in India.)

DISTINGUISHED ALUMNUS AWARDEES

Sl. No	Name	Year, Degree	Award date
1	Padmashree Nalini Ranjan Mohanty	B. Sc. Engg. (1965) Mechanical Engineering	16 January 2010
2	Sri Sukhendu Bikas Misra	B. Sc. Engg. (1969) Metallurgical Engineering	16 January 2010
3	Prof. Damodar Acharya	B. Sc. Engg. (1970) Mechanical Engineering	16 January 2010
4	Prof. Laxminarayan Bhuyan	B. Sc. Engg.(1972) Electrical Engineering	15 January 2011
5	Sri Chandra Prakash Gurnani	B.Sc. Engg.(1981) Chemical Engineering	15 January, 2011
6	Dr. Surya Narayan Mohapatra	B. Sc. Engg.(1971) Electrical Engineering	21 January, 2012
7	Dr. Lalit Mohan Patnaik	B. Sc. Engg.(1969) Electrical Engineering	21 January 2012
8	Sri Vir Vikram Vaid	B.Sc. Engg.(1972) Mechanical Engineering	21 January 2012
9	Prof. Deba Kumar Tripathy	B.Sc. Engg.(1968) Mechanical Engineering	19 January 2013
10	Sri. Sandip Das	B.Sc. Engg.(1977) Mechanical Engineering	19 January 2013
11	Sri. Madhusudan Padhi	B.Tech (1984) Metallurgical Engineering	19 January 2013
12	Shri Rabindra Nath Nayak	B. Sc. Engg. (1977) Electrical Engineering	18 January 2014
13	Shri Rajesh Vashist	B. Sc. Engg. (1980) Chemical Engineering	18 January 2014
14	Dr. G. J. Prasad	B. Sc. Engg. (1970) Metallurgical Engineering	18 January 2014
15	Shri Venkata Narasimham Peri	MCA, (1991)	18 January 2014
16	Shri Gopi Kanta Ghosh	B. Sc. Engg. (1969) Chemical Engineering	17 January 2015

17	Shri Pramod Kumar Jain	B. Sc. Engg. (1974) Mechanical Engineering	17 January 2015
18	Shri S. S. Mohanty	M. Sc. Engg. (1979) Mechanical Engg.	17 January 2015
19	Dr. Prabhakar Singh	B. Sc. Engg. (1973) Metallurgical Engineering	17 January 2015
20.	Prof. Prasant Mohapatra	B. Sc. Engg. (1987) Electrical Engineering	16 January 2016
21.	Dr. Prakash C. Patnaik	B. Sc. Engg. (1976) Metallurgical Engineering	16 January 2016
22.	Shri G. S. Prasad	B. Sc. Engg. (1976) Mechanical Engineering	16 January 2016
23.	Shri Ansuman Das	B. Sc. Engg. (1976) Mechanical Engineering	16 January 2016
24.	Dr. Akash Khurana	B. Sc. Engg. (1975) Mechanical Engineering	16 January 2016

WINNERS OF INSTITUTE GOLD MEDALS

Best All-Rounder of B.Tech

Sl. No	Name	Department/Specialization	Convocation Year
1	Sri Sandip Raj Sharma	Department of Electrical Engineering	2003
2	Sri Siddharth Nair	Department of Electrical Engineering	2004
3	Sri Piyush Kumar	Department of Electrical Engineering	Jan, 2006
4	Sri Surjyendu Narayan Dhal	Department of Electrical Engineering	Dec, 2006
5	Sri Sidhartha Patnaik	Department of Mechanical Engineering	2008
6	Miss Amrita Patnaik	Department of Mechanical Engineering	2009
7	Sri Bidhan Kumar Pradhan	Department of Mechanical Engineering	2010
8	Miss Gloriya Panda	Department of Mettallurgical & Materials Engineering	2011
9	Sri Mrutyunjaya Sandhibigraha	Department of Electrical Engineering	2012
10	Sri Bikash Mohanty	Department of Mechanical Engineering	2013
11	nil	nil	2014
12	nil	nil	2015
13	Sri Pradosh Pritam Dash	Department of Mechanical Engineering	2016

Best in M.Sc, MA

1	Chandan Kanta Das	Life Science	2013
2	Md Khurshidul Hassan	Life Science	2014
3	Miss Rutusmita Mishra	Life Science	2015
4	Miss Shilpa Swagatika Tripathy	Life Science	2016

Best in Integrated M.Sc

1	Miss Kumari Swarnima	Chemistry	2015
2	Sri Abhinav Mohanty	Chemistry	2016

Best Post Graduate (M.Tech, M.Sc & M.A & Integrated M.Sc.)

Sl. No	Name	Department/Specialization	Convocation Year
1	Miss Suman Kumari	Department of Civil Engineering-Structural Engineering	2003
2	Miss Sabita Dash	Department of Civil Engineering-Structural engineering	2004
3	Sri K. Soma Sekhar	Department of Mechanical Engineering-Production Engineering	2006
4	Miss Ruzuwana Parween	Department of Mechanical Engineering-Production Engineering	2006
5	Miss Durga Digdarsini	Department of Electronics and communication Engineering-VLSI Design & Embedded Systems	2008
6	Sri Siddapureddy Sudheer	Department of Mechanical Engineering-Thermal Engineering	2009

7	Miss Indira Priyadarshini Bhanja	Department of Civil Engineering-Structural Engineering	2010
8	Miss Leena Sinha	Department of Civil Engineering - Structural Engineering	2011
9	Sri Anup Kawtia	Department of Computer Science and Engineering - Computer Science	2012
10	Miss Bijily B	Department of Civil Engineering-Structural Engineering	2013
11	Miss Ishita Gupta	Department of Electronics and Communication Engineering - Communication & Signal Processing	2014
12	Miss Narapaneni Raghasudha	Department of Electronics and Communication Engineering -Signal & Image Processing	2015
13	Sri Sobhan Kanti Dhara	Department of Electronics and Communication Engineering	2016

Best in MBA

1	Animesh Kumar Srivastava	School of Management	2013
2	Siddhartha Samadarshi	School of Management	2014
3	Bithika Jena	School of Management	2015
4	Miss Rupa Padhy	School of Management	2016

Best B. Tech Project

Sl. No	Name	Department/Specialization	Convocation Year
1	Sri Pratik Kumar Ray, Smt Sonia Vadhera, Sri Tanmay Bera, Sri Abhishek Bhushan, Sri Rajiv Ranjan	Department of Metallurgical & Materials Engineering	2004
2	Sri Subrat Nayak, Sri Debadatta Das	Department of Electrical Engineering	2006
3	Sri Partha Sarathi Mishra	Department of Ceramic Engineering	2006
4	Nil	Nil	2008
5	Sri Sambit Kumar Shukla	Department of Computer Science and Engineering	2009
6	Miss Shivani Mittal	Department of Electrical Engineering	2010
7	Sri Tuljappa M Ladwa	Department of Electrical Engineering	2011
5	Miss Deepali Rath	Department of Mechanical Engineering	2012
6	Miss Swetalina Panigrahi	Department of Electronics and Instrumentation Engineering	2013
7	Sri P Sampark	Department of Metallurgical & Materials Engineering	2014
8	Sri Prakash Sarangi	Department of Mechanical Engineering	2015
9	Sri Himanshu Sekhar Pradhan	Department of Electronics and Instrumentation Engineering	2016

14TH CONVOCATION COMMITTEE

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Prof. B. Subudhi, Dean (AR)
Prof. M. R. Barik, Chief Warden
Prof. B. Majhi, Dean (AC)
Prof. G. K. Panda, Dean (SR)
Prof. D. R.K. Parhi, Dean (SW)

Prof. S. K. Patel, Registrar
Prof. D. P. Tripathy, PIC, Convocation & Convener

DIFFERENT WORKING COMMITTEES

Committee	Convener	Members
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Medal	**Prof. S.K. Jena** (CS)	Prof. K. Pal (BM), Mr. K.P. Panigrahi (AR-ES), Mr. M.N. Anandbabu (AR-IA), Mr. T.K. Sarangi (AC)
Publication	**Prof. K. B. Mohanty** (EE)	Prof. B.B. Nayak (CR), Prof. N.R. Mishra (HS) ,Prof. A.K. Rath (HS)
Convocation Dress	**Prof. S.C. Mohanty** (ME)	Prof. B.G. Mishra (CY), Prof. M.R. Tripathy (MA), Mr. M.K. Das (AC), Mr. B.K. Panda (IA), Mr. J.K.Sahu (DN), Mr. N. Rout (CY), Mr. P.C. Behera (CY), Mr. P.K. Mohanty (CR), Mr. C. Bada (MA), Mr.B.Mondal(ES), Mr.F.C.Chhatoi(AC)
Dress Distribution Sub-Committee		Prof. M. N. Sahoo(CS), Prof. A. K. Sahoo(EC), Prof. A.K. Swain(EC), Mr. B. Behera (CC), Mr.T.K.Patnaik (CC), Mr.S.Sarangi (CC)
Campus Environment	**Prof. Abanti Sahoo** (CH)	Prof. B. B. Sahu (LS), Prof. R. Dhiman (LS), Mr. S.P. Mohapatra (EM), Prof. U.K. Mishra (PIC/Sec.) , Mr. R.K. Panda (EM), Mr.R.Panda(TA/LG)
Internet, Website and Automation	**Prof. P.K. Sa** (CS)	Mr. D.K. Barik (CC), Mr. M.R. Pattanayak (CC), Mr. B.Behera(CC), Mr.T.K.Patnaik (CC), Mr.S.Sarangi (CC)
Venue Preparation and Sitting Arrangment	**Prof. H.B. Sahu** (MN)	Prof. P. Sarkar (CE), Prof. P.Dash (CY), Dr. P. Rout (SAC), Dr. T.R. Patnaik (SAC), Mr. N.N. Nayak (SAC) , Mr.H.Satpathy (EM)
Lunch	**Prof. S. K. Acharya** (ME)	Prof. A. Kumar (MA), Prof. R.K. Behera (ME), Prof. S. Das (LS)
Arrangement for Degree Awardees	**Prof.S. K. Pratihar** (CS)	Prof. P.K. Sa (CS), Prof. V. Sivakumar (CY), Prof. A. Kumar (ME), Prof. R.N. Behera (CE), Prof. A. K. Sahoo(EC), Prof. D.S.Nimaje (MN), Prof. S.S. Ray (BM), Prof. (Mrs.) A. Mallik (MM)
Academic Procession	**Prof. S.K. Sahu** (CE)	Prof. M.Panda (CE), Prof. K. Satyababu (CS), Prof. M. K. Moharana (ME) , Prof. R. Bag(CE)
Invitation and Hospitality	**Prof. S. K. Patel** (ME)	Prof. R.K.Patel (CY), Prof. S.K.Behera (CR), Prof. D. Sarkar (CY), Prof. P. Kumar (PH), Mr. K.K.Sahu (AR-SR), Mr. M.N. Anandbabu (AR-IA), Mr. U.K. Biswal (AR-PW), Dr. S. Mohanty (GH), Mr. R.K. Nayak (FA), Mr. R.S. Singh (ES), Mr. S.K. Moharana (IA), Ms. R. Patra (RG)
Audio and Photography	**Prof.Dipti Patra** (EE)	Prof. S. Chinara (CS),Prof. S. Samanta (EE), Mr. M. Mohato (TA-EE), Mr. Abinashv Biswal (TE), Mr. Paurush Kumar (TE), Mr. Hrusikesh Das (TE)
Arrangements for VIPs	**Prof. S.K. Patel** (Registrar)	Mr. P.K. Panda (DR-FA), Mr. U.K. Biswal (AR-PW), Mr. B.B.Behera(RG), Mr. A.K. Sahu (DR), Mr.K.K.Sahu(AR-SR)
Evening Functions	**Prof. B. Subudhi,** Dean (AR)	Prof. J. Bera (CR), Prof. V.V.K. Reddy (HS), Prof. S.Mishra (PH), Prof.D.Choudhuri(MA), Mrs. S. Sahoo (AR-TP), Mr. N.N. Nayak (SAC)
Safety and Security	**Prof. R.K. Singh** (CH)	Prof. U.K. Mishra (PIC/Sec.), Prof. V. Siva Kumar (CY), Mr. S. Dutta (SO)
Transport and Ambulance	**Prof. S. Panda** (ME)	Prof. U.K. Mishra (PIC/Sec.), Dr. S. Mohanty (GH), Mr. U.K. Biswal (AR-PW)
Electrical and AC/ Fans, Field Preparation	**Prof. M.K. Moharana**(ME)	Prof.S.Gopalakrishna (EE), Mr. M.S.P. Rao (CEA), Mr. Y.K. Sahu (EE), Mr. S.P. Mohapatra (EM), Mr.S.K.Pradhan(EM), Mr. P.K. Sahoo (EM), Mr. R.K. Sahoo (EM)
Telephone	**Prof. S. Deshmukh**(EC)	Mr. T.K.Das (TL), Mr.B.Behera (TL)
Press	**Prof. K.K. Mahapatra**(EC)	Prof.A.K.Rath(HS), Prof.V.Reddy(HS), Prof.U.K.Mishra(CE), Prof.(Mrs.) S.Mishra(PH), Mr.B.Acharya(DR-AC)
Medical Facilities	**Dr. C. Bhattacharyya** (HC)	Dr. (Ms.) A. Debata (HC), Dr. S. Patnaik (HC), Mr. R.C. Behera (HC)

PREVIOUS CONVOCATIONS

Convocation	Date	Chief Guest
Annual Convocation – I	April 12, 2004	Prof. R. Natarajan
Annual Convocation – II	December 11, 2004	Dr. Anil Kakodkar
Annual Convocation – III	January 28, 2006	Prof. Chandrasekhar Jha
Annual Convocation – IV	December 16, 2006	Shri Subrato Bagchi
Annual Convocation – V	January 12, 2008	Dr. K. Radhakrishnan
Annual Convocation – VI	January 17, 2009	Dr. K. Kasturirangan
Annual Convocation – VII	January 16, 2010	Dr. A.P.J. Abdul Kalam
Annual Convocation - VIII	January 15, 2011	Shri Partha S. Bhattacharyya
Annual Convocation - IX	January 21, 2012	Shri Chandra Shekhar Verma
Annual Convocation - X	January 19, 2013	Dr. V. K. Saraswat
Annual Convocation - XI	January 18, 2014	Shri Sudhir Vasudeva
Annual Convocation - XII	Janauary 17, 2015	Padma Shri Dr. Srikumar Banerjee
Annual Convocation - XIII	January 16, 2016	Shri Karan Grover

GLIMPSES OF 13TH CONVOCATION

CONVOCATION

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