

CONVOCATION

# 15th Convocation 2017

१५वाँ वार्षिक दीक्षांत समारोह



**National Institute of Technology, Rourkela**

**राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला**





**NATIONAL INSTITUTE OF TECHNOLOGY  
ROURKELA**

**XV  
CONVOCATION**

**20 January 2018**



*Chief Guest*

**Dr. P. K. Mishra**

**Additional Principal Secretary to the Prime Minister, New Delhi**



**Prof. Animesh Biswas**  
Director, NIT Rourkela

**Dr. Santrupt B. Misra**  
Chairman, Board of Governors

# XV CONVOCATION

20 January 2018

## *Programme*

- ☐ 10.00 a.m. : Academic Procession Arrives  
☐ (All present may kindly rise and remain  
☐ standing till the dignitaries on the dias  
take 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  
report by the Director
- ☐ 10.36 a.m. : Award of Degrees
- ☐ 11.55 a.m. : Presentation of Medals
- ☐ 12.05 p.m. : Taking of pledge by the degree recipients
- ☐ 12.10 p.m. : Address by the Chairman,  
☐ Board of Governors
- ☐ 12.20 p.m. : Convocation Address by the Chief Guest
- ☐ 12.55 p.m. : Convocation declared closed  
☐ by the Chairman, Board of Governors
- ☐ 01.05 p.m. : National Anthem  
☐ (All present may kindly rise)
- ☐ 01.15 p.m. : Academic Procession leaves  
☐ (All present may kindly rise and remain  
standing till the last senator leaves the  
hall)
- ☐ 01.25 p.m. : Lunch

**Venue : NCC Ground, NIT Rourkela**





## *The Chief Guest*

**Dr. P. K. Mishra**

**Additional Principal Secretary  
to the Prime Minister of India, New Delhi**

Dr. P.K. Mishra, at present Additional Principal Secretary to Prime Minister of India, has, as a former member of the Indian Administrative Service, varied work experience (holding senior positions) in field organizations as well as at the policy-making levels of the government.

He headed a Task Force of the Union Home Ministry, during 2012-13, to review the Disaster Management Act, 2005. He was Chairman of a committee constituted by the Union Agriculture Ministry in 2013 to review the working of crop insurance schemes. He was on the International Advisory Group of the World Bank to prepare a Disaster Recovery Framework at the global level.

As Secretary to Government of India, Ministry of Agriculture during 2006-08, Dr. Mishra was actively involved in path-breaking national initiatives such as the National Agriculture Development Programme (RKVY) and the National Food Security Mission (NFSM).

He functioned during 2001-2004 as Chief Executive Officer of the Gujarat State Disaster Management Authority (GSDMA) created after the Kutch earthquake of 26 January 2001. He played a crucial role in shaping the GSDMA into a vibrant, dynamic and innovative organization, which received a number of prestigious international awards including those of the United Nations, and the Commonwealth Association for Public Administration and management (CAPAM) - for outstanding work in disaster recovery and management.

He published a book entitled **The Kutch Earthquake 2001: Recollections, Lessons and Insights** in 2005. He has written a book entitled **Agricultural Risk Insurance and Income** published from UK in 1996. He has edited a book on Agricultural Insurance for the Asian Productivity Organization, Tokyo. He has published a number of papers in national and international journals, and has been invited to many international conferences as resource person and to present papers.

He has a Ph.D in Economics/Development Studies from the University of Sussex, UK. He completed M.A. degree in Development Economics at the University of Sussex in 1990, when his academic performance was rated outstanding by the university. He did his M.A. in Economics with a first class at the Delhi School of Economics in 1972.



# *Chief Guest's Speech*

**Dr. P. K. Mishra**

**Additional Principal Secretary  
to the Prime Minister of India, New Delhi**

**Chairman and Members of the Board of Governors, Director of NIT, Members of the Faculty and Staff, Distinguished guests, Parents and my dear Students. I am delighted to be with all of you today; with so many bright and vibrant young minds. I am particularly happy to be with you on perhaps one of the most memorable days of your lives. My heartiest congratulations to all graduating students. I am confident, this milestone will be the foundational stone of many more to come.**

The future that beckons you is full of **hope** and **promise**- for not just you and your loved ones, but our society, nation and humanity. Today as you leave, your biggest take-aways will not be your marks or your degree. They will be the experiences you had, the relationships you built and more than anything else, the things you learnt about yourself. You have learnt as much outside classrooms as you did in them. You have learnt not only from your professors, but also your peers and others around you.

Cherish these bonds and friendships. Remember as you graduate today, you do not do so alone. You are the end product of the combined efforts and contributions of your parents, your teachers from childhood till now, your friends and peers and the many others in your lives - the non-teaching administrative staff, the cooks and servers in the mess here, the cleaners and gardeners, each one has played a role in your success. You must acknowledge their support and always remember that no person is successful just by himself.

In supporting and enabling your education and development, they have built the next generation of empowered citizens, not just for our great country but for the world. I hope you will not forget this foundational contribution of theirs, and honour it by passing it forward. **Education after all is but a means to a far greater end - of furthering human progress and welfare.** It does not matter in which form you serve this cause - as an engineer, technocrat, entrepreneur or public functionary. As long as you harness your education towards making a difference in the lives of others, you have accomplished your learning well.

At a personal level, I am very happy to be here today. I have many a nostalgic memory of Rourkela. I worked in the district of Sundergarh for over a year, far back in 1978-79 - years before most of you were even born. As Project Administrator of Integrated Tribal Development Project (ITDP), Sundergarh and also for sometime as Additional District Magistrate, I had visited Rourkela a number of times. Coming here after decades I see a lot has changed, but then so much remains the same as well. I get a strong sense of familiarity and belonging.

You are very fortunate to have studied in this great Institution, in this amazing City, of this glorious State. **Odisha** has been an important centre for learning since ancient times, with the prominent Buddhist seats of

learning of Pushpagiri and Ratnagiri Mahavihara having flourished centuries ago along the lines of Nalanda, Takshila, Vikramshila and Vallabhi. Scholars from faraway lands used to come here to study philosophy, astronomy, mathematics and science. Your city of **Rourkela** itself has an ancient association with wisdom, as the birthplace of Rishi Veda Vyas and consequently the great epic Mahabharata. Many of you will know that the name 'Rourkela' means "our village" in the local tribal dialect of Sadri. Hence as you leave 'your village', I am sure it blesses you with its centuries-old ancient wisdom and values.

Your institution too has covered a remarkable journey of over half a century. Starting off as a Regional Engineering College with three undergraduate programs in 1961, **NIT Rourkela** today has evolved into a **leading institution of national importance** with 20 departments offering a variety of courses from undergraduate to doctorate. And it is only apt that one of India's best engineering colleges is located in what is famous as the **Steel City**, having the Indian public sector's first integrated steel plant.

You not only have a beautiful, green and pristine 1,200 acre campus; but a vibrant campus life as well, reflected in the plethora of clubs devoted to varied domains from Mathematics to Entrepreneurship, Photography, Social Service and Automation and Robotic Control. Your institution has also built powerful collaborations and tie-ups with the likes of DRDO, ISRO, TATA Steel, NALCO, L&T and the Central Water Commission, empowering you with a gamut of opportunities.

Great institutions of the world - from the Harvards and MITs to the IIMs and IITs, have greatly benefited from the continued association and generosity of their alumni. So in return for everything it has done for you, **I urge you too to never forget your alma mater - stay in touch, contribute back and do whatever you can to further its glory.**

As you embark on this amazing journey through life, keep yourself on the path of continuous growth - **keep working, keep learning and keep dreaming!** Your graduation is not the end of your learning, but rather the start of a life long journey of continuous learning outside the classroom, in the open enrolment program called the World! As the Rig Veda says: आनोभद्रा क्रतवो यन्तुविश्वतः, that "Let noble thoughts come to us from all directions".

Also remember that life is but a sum of all our **choices** - those that we make as well as those we do not. The world is a complex, complicated place of varying shades of grey, where there are no easy black or white answers. It is in these moments of truth that we find out who we truly are, when the values instilled in us by many - be they by our families, teachers or friends - truly shine through.

- **Committing to hard work** with a single-minded focus on doing all that is necessary to complete the task at hand - is a choice! "
- **Going the extra mile**, without getting waylaid, distracted or disheartened - that too is a choice!
- Having the **humility** to **respect** others and the **empathy** to understand them - is a choice!
- Choosing between what we have the right to do v/s **what is right to do** - is also a choice!



- Keeping the **hunger for knowledge and learning** alive as a constant companion through life - is a choice!
- Anchoring your professional success around your **wellbeing- physical, emotional** as well as **spiritual** - that too is a choice!

So, choose wisely, and choose well! However, there could be some events or situations when you feel you have no choice. In reality, the choice is between resentment and acceptance; between diffidence and facing the challenge with determination.

Friends, you have all qualified as **Engineers** today. All of you have been extensively trained in the domains of science, engineering and technology. You are a **powerhouse of knowledge, innovation and enterprise!** You will have the opportunity to contribute to various fields ranging from academia to research and development, project implementation, consultancy and even the civil services.

In all of this, **I urge you to direct your skills and training towards solving the problems of our times and our people!** Our nation is confronting a wide range of complex challenges, and each and every one of us must contribute our bit towards meeting them in as **economical, equitable, timely and sustainable** a manner as possible. The time is ripe for your 'Research' to actually be linked with the 'Development' of the nation - that will be true 'R&D'. The country is looking to you for 'Innovation' that is practically useful and commercially viable.

**Technology** in particular, is going to be a critical factor in this endeavour for human well-being in the years to come. **Technology has in fact been synonymous with progress and prosperity from time immemorial** - from the days of the industrial revolution and computerisation to the internet and mobile age of today. In the words of our beloved former President Dr. Kalam, who in fact had been your Chief Guest in 2009: *"Without a pervasive use of technologies, we cannot achieve overall development of our people in the years to come. Any nation aspiring to become a developed one needs to have strengths in various strategic technologies and also the ability to continually upgrade them through its own creative strengths"*.

Prime Minister Narendra Modi's emphasis on technology, and the Government of India's prioritisation of the same, echoes a similar belief. The comprehensive **Digital India** umbrella is digitally empowering our citizens through multi-faceted, multi-level programs. The **Aadhaar stack** has laid a globally unprecedented public digital infrastructure, on which an unimaginable number of public as well as private services will be able to easily ride. Technology solutions have transformed wide ranging domains, from the **NAM** initiative making the entire country a single agricultural market to the **Smart Cities** program driving urban governance, and the **GEM** platform transforming government procurement. Cutting-edge tools such as **GIS planning** and **big data** analytics are powering government functions and competencies across the board.

As you go out from here today you will be joining a **powerful wave of disruption and change that is sweeping the world.** Technology is changing everything, and at a pace like never seen before. Unheard till even a decade or two ago, game changers such as the **smart phone revolution, internet economy, big data**

analytics, artificial intelligence, augmented reality, 3D printing, robotics, block chain technology and self driving cars have completely transform edour world, and the way we engage with it.

Each of these amazing technological transformations is heralding in a new paradigm. Just take for instance, how fundamentally the era of a '**Connected, Sharing Economy**' has transformed '**Doing Business**' today. The world's largest taxi service provider, **Uber**, owns no vehicles. One of the world's most valuable retailers, **Alibaba**, has no inventory or stores of its own. The world's most popular media companies, like **Facebook**, **Youtube and Instagram**, do not create their own content. And the world's largest accommodation provider, **AirBnB**, owns no real estate. What is even cooler is that while these are all companies that seem ubiquitous to us right now, none of them even existed a mere 20 years ago.

My young friends, you are about to enter the world in truly exciting times. **There has been no single time in recent history where opportunities for bright enterprising youth like yourselves have been more plentiful or diverse.** You are even luckier to be citizens of a country which is the cynosure of the world. If you are willing to work hard, be diligent and go the extra mile, there really is no horizon too far, no destination too out of reach!

Technology is going to be the harbinger of the next revolution, and you as **engineers** are best equipped to drive this change. These challenges and opportunities must therefore **give wings to your imagination, spark off a buzz in your labs** and create a bang in the market! Make your products and innovations solve real world problems, and you will find a market eagerly waiting to welcome them. I look forward to seeing a day in thevery near future, when the next wave of global technology giantsemanates fromthe vision and enterprise of the youth of India.**Who knows tomorrow's Microsoft, Google, Facebook, Uber or Tesla may just originate from Rourkela!**

I will conclude by reminding you of the tremendous good fortune you enjoy of belonging to **two elite clubs** - to not just be bestowed with a college education, but be gifted enough to have gotten it from one of the finest technical institutions this country has to offer. **This privilege brings with it great responsibility!** That of giving back to the world in every way you can - to your near and dear ones, your university, community and the nation at large. I am confident you will live up to these expectations, and leave behind an unmistakable mark in whatever field and purpose you choose to pursue. You will do this august institution proud and bring it even greater renown and prominence.

**I wish you all the best!**

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## *Chairman, XV Convocation*

**Dr. Santrupt B. Misra**

**Chairperson, BOG, NIT Rourkela &  
CEO, Carbon Black Business & Director, Group H.R.,  
Aditya Birla Management Corporation Pvt. Ltd., Mumbai**

Dr. Santrupt Misra is CEO, Carbon Black Business and Director, Group Human Resources for the Aditya Birla Group.

Santrupt has worked at Board level for over 17 years now as Non-Executive Director and Executive Director in publicly listed companies, unlisted companies, JVs and not for Profit Organizations both in India and overseas. He is a Director in several companies of the Aditya Birla Group and other professional bodies. He is an Independent Director on the Board of the Oil and Natural Gas Commission Ltd., a Government of India enterprise, and the Chairperson of the Board of Governors of the National Institute of Technology, Rourkela.

He is also on other professional bodies such as the Managing Committee of the Aston Business School Advisory Board (UK); Association of Executive Search Consultants (AESC) U.S.A., and is on the Board of the Xavier's Institute of Management Bhubaneswar. He also was a member of the SHRM Certification Commission, USA.

An HR professional and a business leader, Santrupt has over 30 years of experience in Business Operations and Strategy; Organization Development; Transformation and Change Management; Business Consulting and HR Management.

He holds two postgraduate degrees In Political Science & in Personnel Management & Industrial Relations. He has two PhDs, from India & UK, in Public Administration and Industrial Relations respectively & an honorary D.Sc degree from Aston University, UK. He is a Fellow of the National Academy of Human Resources (NAHR), USA; Hon. Fellow of the Coaching Federation of India; also an Eisenhower Fellow, an Aston Business School Fellow, an AIMA Fellow and a Commonwealth Scholar.

He has been awarded several professional recognitions for his contribution to Business and Human Resources over the past decades.



# *Chairman's Address*

**Dr. Santrupt B. Misra**

**Chairperson, BOG, NIT Rourkela &  
CEO, Carbon Black Business & Director, Group H.R.,  
Aditya Birla Management Corporation Pvt. Ltd., Mumbai**

**Our Chief Guest, Dr P K Mishra; the Director of the Institute, Prof Biswas, fellow Board members, Registrar, faculty, staff, graduating students, parents, ladies and gentlemen!**

Good morning! I feel as excited as all of you to be here, except that I know that I will receive neither a degree nor a medal! But I share in your joy as graduating students; I know how it feels and even more importantly, what it means to all of you. I was sitting exactly where you are not so long ago- as a matter of fact, only two years ago in Birmingham City Hall in the UK to receive an Honoris causa Doctor of Science Degree from my Alma Mater Aston University. I was very pleased that day, but am more pleased today, for your success, and to share the dais with our distinguished Chief Guest, Dr P K Mishra. I am sure the introduction about him and his achievements inspired you a man of erudition, a committed civil servant, an author, a researcher, a thinker, a man of action, and above all, a son of the soil- not too far from Rourkela. It is people like him and their accomplishments that makes India a land of opportunities- no matter where we started in life, how low or where we come from. Thank you Sir for accepting our invitation to be with us and to inspire us with your presence and your words of wisdom. Please join me in in applauding our Chief Guest and his accomplishments!

Let me thank you all, and the Government of India, Ministry of HRD, for having named and accepted me as the Chairman of your Board of Governors! It is indeed an honour and a great responsibility; which I hope to discharge by drawing on my professional abilities and experiences. Governance is never easy, but it is easy enough to get overwhelmed with the routine in the name of governance without pushing forward for a better future. As a brand NIT Rourkela has a great reputation. Its alumni are successful and it is rated as a leading institution in many league tables. Making such an institution better can never be the task of one individual irrespective of their title or position - be it the Chairman of the Board, the Director of the Institute, Heads of Department, Senior Faculty, or any others. This kind of change must be brought about together- by the students, the faculty, the staff, the Board, the parents, the employers and many other stake holders. We cannot be better or create a world class institution by doing more of the same...if we always do what we've always done we'll always be where we always were. We will all need to innovate, we will need to learn from others, we need to change, adapt and upgrade ourselves. Some of it can be painful, some of it may need sacrifices but change we must, if we want to survive, let alone grow and be better. Either we grow or we become irrelevant, if not extinct. And there can be nothing more painful than to see a great institution lose its shine. I am sure we will not let that happen.

We have many opportunities and challenges. Our courses have to be modernized; our students have to be chased and cherished by employers; our labs have to be contemporary; our students must get entrepreneurial opportunities assisted by the institute; our infrastructure has to be world class; our research cutting edge, and our reputation must reach further and farther.

We will always have the challenge of resources; the constraints of location- Rourkela being not so well connected; the burden of past mistakes or internal dissonance. We must go past these negative sentiments. Let us all learn from Singapore- an island, with limited resources - even the water they consume is largely imported! It is a country the size of a city that through sheer determination, focus, and drive, overcame its handicaps to build a state of the art modern republic that rivals any in the developed world today and that too in just a little over a half century. While not being blind to the realities or ignoring all of it or over emphasizing the same, we need to see the opportunities that technology offers, that network partners can bring; opportunities that collaborations can foster and what our widespread, proud and illustrious alumni can do for us. We must get ready with optimism and positivism about the future to avail the myriad of opportunities that we will find all around us. We have no time to spend on bickering, pettiness, selfish interests or all that is trivial and inconsequential. Our values have to be our vantage point and our legacy the light- house! John F Kennedy had once said “...*For the problems are not all solved and the battles are not all won--and we stand today on the edge of a New Frontier -- a frontier of unknown opportunities and perils-- a frontier of unfulfilled hopes and threats...*”. Every institution finds itself in this predicament and so do we in NIT Rourkela.

Your Board has embarked on a brainstorming to prepare a new vision for the Institute. It has to be a vision co-created by us all. A vision is not just a statement about a desired future, it is a form of self-expression of our identity of who we are and what we can become. When Kennedy spoke of putting an on the moon; or Elon Musk spoke of electric car or Virgin Galactic about tourism on Mars, it is not about a vision statement. It is about ambitions, courage, dreams and a commitment to a purpose. We can be whatever we desire, but first we must know what that is! It is a matter of clarity in our imaginations and thinking. Should we be the most cross-disciplinary institute? The most flexible student centric institution? The most eminent institution in its class for women? The most productive educational partner to the emerging defense industry in India? I do not know. But there are choices that must be made. So from this platform, I urge you all to join us i.e. the Board and the Director in this process of crafting a new vision and bring your ideas and initiatives. I hope we will be a new NIT Rourkela for the new millennium and hopefully soon enough. The task will be daunting, but our resolve will not be found wanting.

On such occasions, one is expected to say a word of advice to the graduating students. My advice has always been *to follow no advice, but rather follow your heart*.

As Mark Twain perhaps said, and I quote, “*I never allowed my schooling to come in the way of my education*”. While your classes have ceased, education has not and need never end! That is precisely my message to you here today. The world has so much learning to offer. Go out there with an even greater hunger and curiosity for knowledge. I sincerely hope, at the institute, we have been able to instill that spirit in you. The beauty of this spirit is that even in the absence of a formal academic environment one can always continue to be a learner.



Just one other point to the graduating class. Do not forget to have the attitude of gratitude. So many have sacrificed so much for your success; so many have contributed in different ways to your development. Take this moment to turn to them and thank them. Remember your institute, no matter how high you rise in your life and I hope you give back to your alma mater whatever you can.

I would be failing in my duty if I do not thank the many people who make this institution what it is. Let me start with the service staff, the support staff, and the administrative staff who make the life of everyone easy and enable others to focus on their core work- be it teaching, studying, researching or running the university's day to day affairs. You all do a terrific job day in and day out and keep this huge institution running. Thank you all and keep it going!.

To our faculty, I say, you are the reason why so many flock here. Your diligence serves as an example for the students. Your knowledge inspires them and brings their best you are the fire, the hammer, and the forge that helps create some of the sharpest young minds in the country today. Your ability gets us revenue, recognition, and robustness. Let us take that commitment to an even greater level. Thank you for being yourselves and serving a greater cause!

Our Registrar Mr. Upadhyay had suffered a heart attack recently and is recovering back to full health. Our feelings and prayers with him and his family. You are passionate and you always want to move ahead with the institute's agenda. Thank you for all that you do and we hope that you get well soon and come back fitter and faster.

Our Director, Prof Biswas, though new is trying hard to bring some order and professionalism to many aspects of the institute. It is never easy and more so when you are a professor at heart and you have to also do Administration! Remain spirited and focused without fear or favour and we will get there. Thank you.

To my fellow Board members, I thank for being supportive and pragmatic. Your wisdom and fairness gives me the confidence to think of new ideas.

And finally students, it is your institution. It is for you to preserve and protect not just physically but emotionally, intellectually and committedly. Thank you for being the life, the cheer and the heartbeat of the Institute.

Congratulations to the graduating students, winners of distinctions, and medals. Good luck to you all. Thank you again Dr Mishra for your gracious presence. Thank you all for your attention.

I congratulate you all once again and wish you the very best in life.



## *Director's Report*

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

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

**Honourable Chief Guest of today's function Dr. Pramod Kumar Mishra, Honourable Chairperson, Board of Governors, Dr Santrupt B. Misra, 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 a privilege to welcome you all to the Fifteenth 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 570 B.Tech., 117 Dual degree (B. Tech. and M. Tech.), 413 M. Tech., 44 Integrated M.Sc. (5 year), 104 M.Sc., 11 MA, 33 MBA, 110 Ph.D. and 19 M. Tech. (by Research) students. I extend my heartiest congratulations to all of you!

Convocation is a very special day for all our graduating students. Ladies and gentlemen, I am sure the presence of the distinguished persons among us will motivate our young graduates to work hard and 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 is 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 the 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 our institute has been ranked among the top institutions nationally and internationally. In the recently announced TIMES world university ranking, our Institute has been ranked within 601-800 position in the overall category and 401-500 in engineering category. We are the only NIT that figured in this international ranking. Our institute has been ranked 126th by the QS BRICS ranking. Apart from these, our performance has been mentioned worthy in rankings announced by NIRF (12th position in Engineering and Technology), India Today (within top 15 universities), Data Quest (7th position), Chronicle (4th position), Times i3RC (7th position) and other leading agencies. As of accreditation of different academic programmes, all our eligible undergraduate programmes have been accredited by NBA. Furthermore, majority of masters programs have also been accredited. We are in process of re-accreditation of remaining academic programmes. Our institute has also been accredited with A Grade by NAAC.

Ladies and gentlemen, the mental and psychological health and overall development of students and staff remain central to the making of a vibrant campus. I am happy to announce that in the current academic year, we have started the much-awaited counselling service to take care of students' emotional, academic and financial needs. A team of professors supported by a counsellor and psychiatrist are continuously striving hard to achieve the formation of a peaceful and healthy campus. We have instituted the best teacher award, the life-time achievement award, and best non-academic staff award so that the best talents of our campus are rewarded properly and this will ensure a growing environment at NIT Rourkela. Additionally, we have completed the next-round of faculty interview after a long gap and new faculty recruitment will be regularly conducted every year.

As a part of the Institute's progressive strides in the teaching-learning process, the A.N. Khosla Centre for Technology Enabled Learning (ANKCTEL) has started functioning. This is the beginning of using the potential of Information and Communication Technology (ICT) in the Teaching Learning (T-L) process. The objective of the centre (ANKCTEL) is to create e-content by recording the classroom lectures of the faculty members. Till now we have already recorded teaching lectures amounting to more than 800 hours,

participated by 25 faculty members covering 38 subjects. All the e-contents created till now have been uploaded in our Institute website for the reference of the students/ research scholars / faculty members. Several GIAN (Global Initiative for Academic Networks) courses have been recorded for outreaching activities. We have conducted few workshops under T10KT project of MHRD, Govt. of India, in collaboration with IIT Bombay. Our students have successfully taken up few online courses of Indian Institute of Remote Sensing (IIRS) 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 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 a small 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.

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 construction of boundary wall has been completed. 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 provisions for placement procedures and promotion of business ventures.

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

Innovation and incubation related to engineering and technology has been internationally acclaimed as a vital component for job creation resulting in economic development. NIT Rourkela's Centre for Technology Innovation and Industry Relations (TIIR) is an endeavour for inculcating the enthusiasm among Incubates to tap innovations and technologies for enterprise creation. It offers expertise and infrastructure to new enterprises that require an enabling environment like TBI to enhance the prospects of their success. In addition to incubation facilitates, TIIR supports industrial houses, specifically local industries to set up their R&D centres on our campus. At present TIIR houses 22 start-up companies, most of them are by either alumni or our present students involving in range of activities from manufacturing to engineering to e-commerce businesses. There are already few successful start-ups such as Estinno, Penny India, Ovotees, Awalk, etc., which have brought laurels to the institute. TIIR has received grants from multiple government departments such as NSTEDB, MSME, DST to fund student and faculty entrepreneurship. NIT Rourkela as per recommendation of DST has set up a Section-8 company "Foundation for Technology Business Incubation" for supporting entrepreneurship and innovation. NIT Rourkela was invited for presenting its

work related to innovation and entrepreneurship in the Rashtrapati Bhavan on the occasion of Festival of Innovation (2017) and received accolades from many intellectuals. Additionally, NIT Rourkela has started taking steps to develop a technology and business incubation centre and, as advised by Hon'ble Minister of Petroleum and Natural Gas, we are planning to adopt a nearby village for enhancing skill development. I am hopeful that an echo-system will be developed at NIT Rourkela as per the start-up village modelled in Kochi.

Our students and faculty have brought laurels to our Institute adding to the prestige NIT Rourkela on national and international scenario. In the year under review, Prof. B.B. Biswal became Director of NIT Meghalaya, Prof. B. Majhi joined as director of IIITDM Kancheepuram, and Prof. S.K. Patra joined as director of IIIT Vadodara. Prof. B. Majhi was conferred with the prestigious Samanta Chandra Sekhar Award by Odisha Bigyan Academy for the year 2016. Dr. S. Mohapatra received Odisha Young Scientist Award by Odisha Bigyan Academy.

Major equipment procured during this period include modified atmospheric packaging system, membrane filtration unit, Spectrophotometer, Colorimeter, Nitrogen, Fiber and fat extraction unit, refrigerated centrifuge, twin screw extruder, Raw material Mixture, Deep freezer, Automatic form-fill & seal machine (for Solid), Automatic form-fill & seal machine (for liquid), Shrink Tunnel Machine, Continuous Band Sealer Machine, Viscometer, Water activity meter, Head Space Gas Analyzer, Laminar Flow Cabinet (Class II) and BOD Incubator.

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 81391 books, 16600 e-books, 10000 NPTEL videos, 18,000 back volumes of periodicals and subscribes to 90 print periodicals, 25 full text and 8 databases which provide access to more than six thousand online journals including archive collections. During the current year, the BPCL has added close to four thousand book volumes and more than six hundred e-books. e-Papers@NITR (DSpace) - the Institutional Repository has 2633 publications by faculty, research scholars and students. E-Thesis@NITR (e-Prints) - a repository - has 5909 theses archived by research scholars and students. NITR documents, an official repository, has 200 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 640 rare Odia books to preserve the cultural heritage for the future generations.

I am happy to inform you that BPCL of NIT Rourkela has received Best usage awards by many publishers and also Global Innovation Awards in 2017: Honourable mention by Turnitin under the Category 'Moving Forward with Integrity Asia' on November 20, 2017 came our way.



I am happy to announce that e-Thesis@NITR, an institutional Open Access electronic theses repository of our Institute, has been ranked 2nd among the top repositories in India and 472 among other institutions around the world. Similarly, e-Papers@NITR, the repository of intellectual output of NITR, is ranked at the 11th place in India and 865 in the world. This ranking was published in the January 2017 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 NITs with respect to scholarly output as on January 15, 2018, i.e., 6688 publications with 71 h-index as per the Scopus database and 3296 publications with 59 h-index as per Web of Science database.

Film and Music Society (FMS) is one of the most dynamic societies under the Student Activity Centre (SAC), continually promoting various cultural pursuits amongst students through its seven exiting member clubs. Of these clubs, 'Third Eye' and 'Cinematics' indulge in photography and film-making, respectively; 'The Mavericks', and 'Synergy', practice contemporary dance and choreography; 'HeartBeats' engages in Indian popular and fusion music, and 'Euphony' practices as a rock band, while 'Drill-n-Bass' engages in beat-boxing and electronic music. Additionally, a new club for traditional and folk music, called 'Dotara', has been inducted this year. The society also organises workshops, shows, and festivals on campus.

A six-day 'Contemporary Dance Workshop' was organised for students during September, 2016, conducted by Mr. Sumon Rudra, the eminent danseur and choreographer from Athens, Greece. The participants received intensive training, beginning with basic forms and techniques of various contemporary dance styles, and extending to elements of improvisation and choreography. The workshop seems to have had a positive effect, as reflected in the performance of the students in various dance competitions. The four-day long 'Multi-ethnic Festival' was organised during 26 to 29 October 2016. More than 700 students participated in this competitive, cultural extravaganza, showcasing the many hues and shades of the diverse performing arts from across India. The students from foreign countries also had a special slot for their indigenous cultural performances. Various pieces of dance, music, theatre, recitation, etc., were composed and practiced by the students, often with help from invited professional trainers. The presentations were evaluated by invited members of jury, who expressed immense praise for the variety and excellence of the students' endeavours. 'Roots' - a Creativity Conclave - was organised from March 31 to April 2, 2017. The event saw more than 500 students participate in workshops, guest lectures, interactive sessions, and exhibitions of Design, Art, Photography, Film-Making, Music, and Literature. With the participation of fourteen invited experts from across the nation, the three-day conclave was perhaps the first to offer the students an exceptional exposure of the creative industry and its stalwarts.

The 'Musical Nite' was organised on April 1, 2017, at the Dillip Tirkey Stadium. The musical extravaganza featured the emerging Bollywood talent, Ms. Aditi Singh Sharma, and her musical troop. A considerable audience, including students, members of faculty, staff, and their families, enjoyed and appreciated the three-hour show. An annual subscription for digital television was acquired by FMS, through which private shows for students were conducted at the Bhubaneswar Behera Auditorium. The students were able to enjoy several

movies and sporting events, like the IPL matches. The Third Eye club organised their annual photography exhibition, 'VIVID', at Rajendra Mishra Exhibition Hall from March 31 to April 2, 2017, with medium format works of club members as well as other contributors. Spanning various genres of photography like portraiture and candid, landscapes and nature, still-life and abstracts, architecture and street photography, as well as digital montages and creative manipulations, the exhibits received favourable reviews. The Cinematics club returned with wonderful performances from the 'Pearl 2017' fest, organised by BITS Pilani at Hyderabad. Club members won first prize in 'Candid Smiles photography', and 'Events Extravaganza photography', as well as second prize in 'Digital Art', and 'VividH', over and above certificates of excellence and cash prizes. At the 'Alcheringa 2017' fest, organised by IIT Guwahati, club members won the second prize in 'Director's Cut', as well as mementoes and goodies. Members of the club also took up a freelance video-production project for a renowned Group of Hotels for the erstwhile 'Panthanivas' chain of the Govt. of Odisha. The project focused on Odisha Tourism, and has been showcased to the Principal Secretary, Tourism and Culture, Odisha. The endeavours of Cinematics have resulted in many film productions, trailers, podcasts, music videos, and after-movies of fests during the past year, eight of which are already available on YouTube. Among them, 'Altum - An Aerial perspective of NITR', and 'REC to NIT - A Nostalgic Journey' deserve special mention. Two on-campus workshops on design, photography, film-making, and video-editing (organised by Cinematics in collaboration with the DesignTab club), during February 2016 and October 2017, were attended by around 120 students.

The Mavericks club bagged the first prize in 'Centrifuge dance competition' at the 'Spring Fest 2017' organised by IIT Kharagpur, as well as the first place in the group dance competition of NIT Rourkela's own fest, 'NITRUTSAV 2017'. The club also organised a two-day basic dance workshop on campus for 25 participants, during March 2017. The Synergy club returned with cash prizes for securing first position in 'Terpsichore - Solo and group dance' event at the 'Pearl 2017' fest, organised by BITS Pilani at Hyderabad. Members also won second prize in 'Footloose - Duet and group dance' event at 'NITRUTSAV 2017'. Synergy also organised a one-day dance workshop for students with 40 participants. The members of both the dance clubs also presented choreographed performances during the Institute Foundation Day and the Freshers' Welcome.

The Heart Beats club once again organised the very popular musical event of 'Maktub' during NITRUTSAV 2017, as well as well appreciated performances during Freshers' Welcome. Notably, members of the club have won four of the coveted top awards during the Multi-ethnic Festival. The Euphony club presented the fourth edition of the popular 'Euphony Live' during 'Innovision 2016'. This year saw Euphony form the officially registered, professional alternative/hard rock band named 'The Thing with Feathers', and record the musical album 'Victory', which is to be globally released across 150 music platforms on August 15, 2017. The members received an invitation to perform at Hard Rock Café, Bangalore, a three-week contract to perform at Blue Frog, Bangalore, and a two-year full time contract from a leading entertainment company (refused due to academic reasons), all of which bear witness to the level of excellence the club members have achieved. The Drill-n-Bass club, which is just two years old, has presented several performances on campus, as during the Freshers' Welcome, Multi-ethnic Festival, Innovision, and the Annual meet of the HS Department, and

created digital productions like 'Obsession' (Trap RnB Music) and 'Vintage' (Progressive House). The members have also organised a music production workshop for 35 participants during February 2017.

The Film and Music Society has been rechristened as the Arts and Culture Society with the latest SAC restructuring, and hopes to continue with the promotion of a variety of cultural activities amongst the students.

The year started with the orientation programme for the fresher's by organizing friendly matches in different games involving newly admitted students. Inter-Hall tournaments in various games were conducted among the halls throughout the year. Vikram Sarabhai Hall of Residence won the group championship in games for the year 2016-17. Weight Lifting, Power Lifting and Best Physique competition was conducted on 15.02.2017. Sri Jeeva S, adjudged "NIT SHREE" in Best physique competition amongst the students of the institute.

Institute's contingent participated in IIT-BHU sports fest name 'SPARDHA' in which Institute Cricket Team (M) outshined as Runners-up. Institute Table Tennis (W) and Chess (M) teams stood as runners-up in the meet. In Athletics, Rakesh Kumar (2 Gold, 1 Bronze) and in Weightlifting Nikhil Kumar (1 Bronze) brought laurels to the Institute. Inter-NIT Swimming and Cricket Tournament was organized by our Institute from 27th to 30th January 2017. 485 students from 28 NITs participated in the tournament and it was a grand success. Our Institute Cricket Team (M) becomes Champion of the Tournament. In Swimming (W) Venu Pandit adjudged as an Individual Champion, total 10 medals were bagged by Institute Swimming Men and Women teams.

In All-India Inter-NIT Athletics Weightlifting, Powerlifting and Best Physique competition held at NIT-Kurukshetra from 6th to 8th March'17, our Institute athletics team also put up a really impressive show bagging 7 medals (Gold-3, Bronze-4) Bronze. Rakesh Kumar won the title of 'Individual Champion' men category. Our Institute has Initiated Handball (M) team for the first time which represented Institute at Inter-NIT held at NIT-K Surathkal. Institute Volleyball (M&W), Kho-Kho (M) and Hockey (M) teams have participated in said tournament. Institute Kabbadi (M) and Basketball (M) teams participated in All-India Inter-NIT tournament held at MNIT Jaipur. Institute Kabbadi Team was awarded as Runners-up of the tournament. Institute Table Tennis (M&W) and Chess (M) teams participated in IIT-Roorkee Sports Fest "SANGRAM". Institute TT team (W) secured Third position. Captain Swetaleena Mohapatra won Silver medal individually. On the basis of annual sports performance Institute has bestowed Games Blue Award to Saswat Bissi (Football, Cricket and Athletics), Rakesh Kumar (Athletics) and Alisha Mahapatra (Athletics). In addition, the annual open swimming competition in various events for students, campus children and institute staff were also conducted during 2016-17 session.

Ladies and Gentlemen, Sponsored Research and Industrial Consultancy are hallmark for 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 83 consultancy projects with a gross value of nearly INR 4.15 Crores and 159 sponsored projects with a gross value of INR 30 Crores are being pursued in

different departments of our Institute. During the calendar year 2017, the Institute has received sanction of 80 sponsored projects with a total of INR 19.89 Crores and 55 consultancy projects with a total value of INR 3.10 Crores. In addition to these projects, funds to the tune of INR 3.86 Crore have been obtained for "Intelligent Surveillance Data Retriever (ISDR) for Smart City Applications from IMPRINT- India".

Short term courses, conferences including international ones, 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 handful of academic conferences and inviting scientific workers from across the country to our campus. During the calendar year 2017, the Institute has conducted 34 short-term courses, conference/seminar/workshops. All these courses have been well attended by researchers from several institutions across and beyond the country.

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 graduates, postgraduates and doctorates both inside the country and abroad. During the academic session 2016-17, a total of 123 reputed companies and organizations visited our Institute for campus placement and offered 664 jobs to our students. The highest salary went up to Rs. 26.5 lakhs as offered by Amazon. Major government organizations like DRDO, Coal India Ltd, BPCL, IOCL, GAIL and C-DOT had participated in the campus recruitment process. The last academic session also saw software companies like Amazon, Microsoft, Goldman Sachs, Oracle, Microfocus, DE Shaw, Qualcomm, SAP Labs, Teradata and Amdocs. Numerous core companies like Tata Steel, L&T, Vedanta Group, Aditya Birla Group, Jindal Steel, Hilti, Coca Cola, PepsiCo, Samsung, Siemens and many more participated in our placement program. 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, etc., visiting us for engagements. Leading consulting and analytics sector companies like PWC India, Tredence Analytics, Deloitte, Mu Sigma, EXL, and Affine Analytics also made offers. There has been an increased participation from Start-Up companies like Zomato, Halftick and Arrelic. Besides placement, our institute had also arranged the summer training/internship program of at least 8 weeks for as many as 766 students in a total of 243 organizations within and outside the country during the summer of 2017. Students were also sponsored by many international universities like University of Calgary, Canada, University of Lathbridge, Canada, University of New Brunswice, Canada, University of Windson, Canada, Universite de La Reunion-ESIROI, France, University of Alberta Edmonton, Canada, University of Pennsylvania, USA, University of Walterloo, Ontaria, Canada, University of Western Ontario, Canada, Ryerson University, Toronto, Carleton University, Ottawa, Canada for their summer internship. A regular feature of our training program for undergraduate students also includes local study tour to nearby industries to get an exposure to the practices followed in industry. Thirty-three such local study industrial tours were conducted during the academic year 2016-17.

In the current academic session 2017-18, our Institute has already attracted more than 90 companies in various sectors for recruiting our students and around 650 job offers have already been made till the end of last semester. It gives me immense pleasure to say that as many as 45 new companies have been added to our visitors' list this year. To name a few, Exxon Mobil, Reliance Petrochemicals, Kohler, Cera, Honeywell,

Schneider Electric, Nokia, Suzuki Motors, Hero Moto Corp and Linde. This year there has been a delightful increase in the number of companies in Analytics and Consulting sector like PWC US Advisory, Sokrati, Play Simple Games, Sigmoid analytics, Skaipal etc. As many as 29 PhD scholars have been recruited this year so far, which is a new record in our illustrious placement history. Further, Moon Iron and Steel Company has recruited our students who will be working abroad. In addition, there has been 16 Pre-Placement Offers by major recruiters to our students this year. Apart from full time employment, major multinational firms like Microsoft, Goldman Sachs, Tata Steel, SAP Labs, Sun Pharma, Schneider Electric, RBL Bank, Saint Gobain, MTR Foods, etc., have offered internships to our 3rd year B.Tech and Dual Degree Tech students. We are thankful to our alumni like Sri Subash Chandra Dash, 1990 batch Mechanical, Moon Iron and Steel; Sri Sandeep Singh, 1990 batch Chemical, Kohler, Sri Nachiketa Shukla, 1998 batch Metallurgy, Goldmann Sachs and Sri Amaresh Tripathy, 1999 batch Civil, PWC US, for their help in bringing their companies to our campus for placement during the current academic year. Our Training and Placement Centre has been working tirelessly to make our institute 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 maximum demand of power was enhanced from 2 MVA last year to 2.5 MVA in current year due to increased power demand of academic/Air conditioning system and installation of new research/laboratory equipment and is planned to be enhanced to 3.5 MVA before coming summer for additional requirements.

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 4 km of cable and 2.8 km of over headline. The Institute is benefitted of direct 33 kV feeder line from OPTCL 132 kV/33 kV substation, Chhend to NITR Main Receiving Sub Station by uninterrupted power supply as power cut due to Load shedding has been kept Nil/Minimal during restricted power supply in Odisha GRID. We are also planning to implement initially a 670 kW solar rooftop power plant and later on a one megawatt capacity solar photovoltaic power station on campus to reduce the carbon foot print.

A 5 MLD water treatment plant is taken over by NIT. Presently 2.25 Million litre raw water is treated in a day. An overhead water tank and an underground sump are in pipeline for storage of treated water to cater to the need of the growing population of NIT Rourkela. The large dining halls of hostels have been provided with fresh air cooling systems for comfort, particularly during summer months.

The faculty, students and alumni constitute three important pillars of an educational Institute. Thus, role of alumni in institute's growth is enormous. Our alumni have excelled in industry, academia, research, and social and public life. The institute appreciates the laurel its alumni have brought to their alma mater. The 2008 batch alumni have established Siladitya Memorial Endowment fund, in the memory of Late Siladitya Pattnaik, to give a best innovative B. Tech project award every year. With a donation of about 40 Lakhs, the 1972 batch alumni have established an endowment scholarship fund to provide scholarship to financially weak students.

During last semester, i.e., Autumn 2017-18, Sri Chandan Verma (Civil Engineering), Sri Dinesh Kumar Patra (Electrical Engineering) and Sri G Ram (Electrical Engineering) have received this endowment scholarship of Rs 40,000/- per semester each. Our Distinguished Alumnus Prof. L. N. Bhuyan, Distinguished Professor, University of California (1972 batch Electrical Engineering Alumnus), has conceived and initiated an endowed chair professorship scheme in Electrical Engineering Department. Contributions to the tune of 1.23 crore have been poured in from many individuals and groups including 1972 batch alumni, 1970 batch alumni, NITROAA and NITRAA. This endowment is established in the memory of Late Prof. Ajay Kumar Mohanty of Electrical Engineering and will be utilized to get a regular income to give a top up honorarium of INR 25,000/- pm and research grant of Rs 3 Lakhs per annum to a renowned professor who is expected to enhance the research output, the reputation and the ranking of the institute. Sri Rama Rau Pendyala (1970 batch Alumnus) has instituted two scholarships in the memory of his late beloved mother and wife and has contributed INR 32 Lakhs for P. Anusaya Memorial Scholarship and P. Vijayalashmi Memorial Scholarship. Alumni of NIT Rourkela from very part of the globe are coming forward to support the institute. The overseas alumni association, NITROAA has recently sent a proposal to establish a corpus fund of 2 crores (approximately) which will be used to provide scholarships to poor students. 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 1992 batch of alumni celebrated their silver jubilee of graduation in the institute during 24-25 December 2017. Furthermore, NITRAA has organized its annual general meeting at Pune during 15-17 December 2017. A lot 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. This year, these awards are bestowed on three dignitaries: Prof. Debendra Kumar Das, Shri Dronadeb Rath and Shri Maheswar Sahu. Prof. Debendra Kumar Das (1972 batch Mechanical Engineering) a professor in University of Alaska, USA, has made significant contribution in the field of academics and research on nano-fluid based thermal system design. Shri Dronadeb Rath (1971 batch Mechanical Engineering), the former Chairman and Managing Director of MECON Ltd., Ranchi has made significant contribution in the business planning, organising and guiding projects. Shri Maheswar Sahu (1971 batch Mechanical Engineering), an IAS officer and past Principal Secretary of Gujarat state, has significant contribution to the public life while working in Gujarat state disaster management authority and is well recognized for his proactive role in highly acclaimed reconstruction and rehabilitation work after the 2001 Bhuj earthquake. I call upon all young graduates of this year to follow the footsteps of your elder siblings.



It gives me pleasure to state that a new and ambitious phase of construction totalling a value over Rupees 300 Crore has been taken up to cope with increased demand of academic, hostel and residential buildings.

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. Satish Dhawan Hall of Residence and the first phase of 3-BHK faculty residences are completed and taken over by NIT. The Mechanical Engineering buildings, lecture hall complex-2, and 2 BHK faculty residence are at final stages of completion. This not only doubles our strength, it will show better results for a very vibrant campus. Schemes have already been initiated for an indoor stadium housing multiple basketball, badminton courts, centre for yoga, music, dance and other recreations with a 1500 capacity open air theatre. Boundary wall for NIT outreach centre at Bhubaneswar is completed. Other facilities for NIT outreach centre at Bhubaneswar are in pipeline.

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 ten Institute Gold Medal winners: Shri Anamay Sarkar of the Department of Computer Science & Engineering, the Best Graduate, Shri Abhishek Chakraborty of the Department of Civil Engineering, the Best Post Graduate, Miss Namrata Nanda of the School of Management for Best MBA, Miss Poulommi Mondal of the Applied Geology Specialisation in the Department of Earth & Atmospheric Science for being the best among M.Sc. and M.A. students, Shri Sachchidanand Prasad of Department of Mathematics for being the topper in the Integrated M.Sc programme, and Miss B Sneha of the Department of Electronics & Communication Engineering for the best Postgraduate in the B.Tech and M.Tech Dual Degree Programme.

I also congratulate Miss P Sai Akanksha, a graduate of the Department of Bio-Medical Engineering, who has been awarded the gold medal for the Best Undergraduate project (B.Tech. & B.Arch.), Shri Aditya Gupta of the Department of Industrial Design for the best Postgraduate Project (M.Tech. & Dual Degree) and Shri Gupta Suchit Ananad of the Department of Chemistry for the best project from among M.Sc. & MA.

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. At the last, I specially congratulate Miss Karra Apoorva Tejaswi of the Department of Mechanical Engineering who has been conferred the Prof. Bhubaneswar Behera Gold Medal for the best all-rounder of the outgoing UG batch of 2017.

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. As said by the great Dr. A. P. J. Abdul Kalam, who graced this Institute some six years ago: "Failure will never overtake me if my determination to succeed is strong enough."

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 in an effort to make its fruits available to the poorest of the poor so that he or she shall no longer stay poor.

*Jai Hind*

**Professor Animesh Biswas**

## DOCTOR OF PHILOSOPHY

### Department & Candidate's Name

### Title of the Thesis

#### **BIOTECHNOLOGY AND MEDICAL ENGINEERING**

KRISHNA KUMAR RAMAJAYAM

An Approach to Improving Efficacy of Cryosurgery: Numerical and Experimental (using Gel Phantoms) Studies

SENTHILGURU K

Cobalt Doped Nano-Hydroxyapatite Incorporated Gum Tragacanth-Alginate Polymeric Beads: An Angiogenic-Osteogenic Matrix for Bone Tissue Engineering

TEJINDER KAUR

Development of Carbon Reinforced Polymer Ceramic Composites for Bone Tissue Engineering

#### **CERAMIC ENGINEERING**

AKHILESH KUMAR SINGH

Study on the Effect of Different Sols on High Alumina Castable Refractory

ARUN CHOWDHURY

Synthesis and Characterization of Barium Titanate - Nickel Ferrite Composites

KANCHAN MAJI

Gelatin Chitosan and Bioactive Nanoceramic Based Composite Scaffold for Orthopaedic Application

NADIYA BIHARY NAYAK

Borohydride Synthesis for Development of Porous Zirconium Oxide Nanopowders for Novel Applications

SATYANANDA BEHERA

N220 Nanocarbon Black Containing Low Carbon MgO-C Refractory

SHUBHAM SRIVASTAVA

Borohydride Synthesis for Development of Rare Earth Doped and Co-Doped Yttrium Borate Phosphors for Luminescent Applications

SWARNIMA KASHYAP

Interface Strengthened Graphene Oxide Reinforced Polyvinyl Alcohol Nanocomposites

#### **CHEMICAL ENGINEERING**

ARVIND KUMAR

Preparation and Characterization of Novel Activated Carbons for Adsorption and Adsorption Assisted Biodegradation of Organic and Inorganic Water Pollutants

DEBALAXMI PRADHAN

Experimental Studies on Co-Pyrolysis of Biomass and Plastic Waste

NAMRATA KUMARI	Exploiting Local Algal Diversity for Bio-Diesel Production
SUNEETA KUMARI	Studies on Treatment of Industrial Effluent using Polyethersulfone/Chitosan Membrane Derived from Fishery Waste
UJJAL MONDAL	Chemoselective Reduction of Nitroarenes using Hydrogen Sulphide under Phase Transfer

## CHEMISTRY

BASANTI EKKA	Synthesis of Nanoporous Materials for Abatement of Inorganic And Organic Contaminants in Water
LIPEEKA ROUT	Bimetallic Nanostructures with Noble (Ag & Au) and Earth Abundant (Cu & Sn) Metals and their Catalytic & Photocatalytic Applications
MANOJ KUMAR SAHU	Studies on the Utilization of Red Mud for Environmental Application
RAJAMOULI BODDULA	Luminescent EuIII Complexes based on Phenanthro-Imidazole Ligands for White LEDs/OLEDs and Temperature Sensors: Combined Experimental and Theoretical Investigations
SASMITA MISHRA	Synthesis and Reactivity of Cyclopentadienyl based Organometallic Compounds and their Electrochemical and Biological Properties
SATABDI ROY	Chemistry of Transition Metal Complexes with O- and/or N- Donor Ligands: Synthesis, Characterization and Study of Reactivity
VIJAYLAKSHMI TIRKEY	Synthesis, Characterization and Reactivity of Ferrocene Containing Organometallic Compounds

## CIVIL ENGINEERING

BANDITANAIK	Flow Analysis of Compound Channels with Converging Flood Plains
BRIJESH KUMAR	Uncertainties in the Hydrological Modelling using Remote Sensing Data over the Himalayan Region
LASYAMAYEE GARANAYAK	Development & Characterization of Alkali-Activated Red Mud-Slag Cementitious Material
NAGACHAITANYA KAVURI	Source Apportionment and Forecasting of Aerosol of A Steel City - Case Study of Rourkela
RIMASAHANI	Level of Service Criteria for Pedestrian Facilities in Urban Indian Context

## COMPUTER SCIENCE AND ENGINEERING

ABINASH TRIPATHY	Sentiment Analysis using Machine Learning Techniques
APARAJITA NANDA	Towards Mitigating Visual Ambiguity in Person Re-Identification
LOV KUMAR	Predicting Software Quality Parameters using Artificial Intelligence Techniques and Source Code Metrics
MUKESH KUMAR	Analysis of Microarray Data using Machine Learning Techniques on Scalable Platforms
MUNESH SINGH	Geometric Constraint based Range Free Localization Schemes for Wireless Sensor Networks
SANGHARATNA GODBOLEY	Driving Concolic Testing to Achieve Higher MC/DC through Source Code Transformations
SOURAV KUMAR BHOI	Path Selection Based Routing Protocols for Urban Vehicular Ad Hoc Networks
SUMAN KUMAR CHOUDHURY	Pedestrian Detection in Surveillance Videos using Background Modeling and Feature Engineering
VIKAS PANTHI	Generation and Prioritization of Test Scenarios for Object-oriented Software using UML State Machines

## EARTH AND ATMOSPHERIC SCIENCES

BINAYA KUMAR PATTNAIK	Geochemistry of Water, Soil and Sediment with Special Reference to Hexavalent Chromium at the Sukinda Ultramafic Complex, India
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## ELECTRICAL ENGINEERING

DEBABRATA ATTA	Development of Robust Control Strategies for Autonomous Underwater Vehicles
DEEPA DAS	Intelligent Approaches for Energy-Efficient Resource Allocation in the Cognitive Radio Network
JITENDRA KUMAR JAIN	Stability Analysis and Robust Controller Design of Indirect Vector Controlled Induction Motor
JOSEPH SANAM	Planning and Operation of DSTATCOM in Electrical Distribution Systems
KIRAN KUMAR GURRALA	Efficient Power Allocation Schemes for Hybrid Decode-Amplify-Forward Relay based Wireless Cooperative Network

KUMAR PRASANNAJIT PRADHAN	Exploration of Novel Attributes of Hybrid FinFETs towards Analog/RF and Reliability Aspects
MURALIDHAR KILLI	Development of Efficient MPPT Algorithms with Reduced number of Sensors for Photovoltaic Systems
NISHANT PATNAIK	Investigation on Performance Improvement & Efficient Utilization of Unified Power Quality Conditioner
PADARBINDA SAMAL	Planning of Unbalanced Radial Distribution Systems with Reactive and Distributed Energy Sources using Evolutionary Computing Techniques
PRAJNA PARIMITA DASH	Development of Efficient Methods for Visual Object Tracking
RANJEETA PATEL	Interleaved Buck Converter Based Shunt Active Power Filter with Shoot-through Elimination for Power Quality Improvement
SATYAJIT MOHANTY	Development of Maximum Power Extraction Algorithms for PV System with Non-uniform Solar Irradiances
SMITA PRADHAN	Development of Efficient Intensity based Registration Techniques for Multi-modal Brain Images
SMITA RANI PARIJA	Investigations on Location Prediction and Resource Management of Cellular Network
SUSHREE DIPTIMAYEE SWAIN	Design and Experimental Realization of Robust and Adaptive Control Schemes for Hybrid Series Active Power Filter
SWARNABALA UPADHYAYA	Fast Characterization of Power Quality Events based on Discrete Signal Processing and Data Mining

## ELECTRONICS AND COMMUNICATION ENGINEERING

BHASKARARAO JAMMU	Development of FPGA based Standalone Tunable Fuzzy Logic Controllers
DEBASISH NAYAK	Novel Techniques for SRAM based Memory Performance Enhancement
GOKULANANDA SAHU	Design and Development of FPGA based Controllers for DSTATCOM in Grid Connected Power Systems
GOPI KRISHNA SARAMEKALA	Modeling and Simulation of Subthreshold Characteristics of Short-Channel Fully-Depleted Recessed-Source/Drain SOI MOSFETs



MANGAL SINGH

On PAPR Reduction of OFDM using Partial Transmit Sequence with Intelligent Optimization Algorithms

SANKATA BHANJAN PRUSTY

Design and Development of Efficient Control Strategies for Liquid Level Tank Systems

SUBRATA MAITI

Analytical Modelling of Ultra-Wide Band Ground Penetrating Radar for Characterization of Subsurface Media

## **HUMANITIES AND SOCIAL SCIENCES**

ARUNDHATI MALLICK

An Evaluation of Core Inflation Dynamics and Its Impact on Macroeconomic Performance in India

## **INDUSTRIAL DESIGN**

OMPRAKASH SAHU

Design and Development of Sensor Integrated Robotic Hand

RAHUL

Experimental Studies on Machinability of Inconel Super Alloy during Electro-Discharge Machining: Emphasis on Surface Integrity and Metallurgical Characteristics of the EDMed Work Surface

## **LIFE SCIENCE**

DEVYANI SAMANTARRAI

Investigating the microRNA-mediated Target Regulations Associated with Metastasis of Cancer: Special Focus on Soft Tissue Sarcoma and Breast Carcinoma

MANORANJAN ARAKHA

Effects of Photocatalytic Nanoparticle Interfaces on Biological Membranes and Biomacromolecules

NIHARIKA SINHA

Mechanism of Tumor Inhibitory Potential of Abrus Agglutinin in Oral Squamous Cell Carcinoma

PRASHANTA KUMAR PANDA

Autophagy Dependent Cell Death, Senescence and Differentiation by Abrus Agglutinin in Cancer Therapeutics

SABNAM PARBIN

Investigation of Epigenetic Regulation of Tumor Suppressor Genes by Inhibition of Histone Deacetylases and Lipid Raft Signaling in Human Cancers

SWAYAM SIDDHAKAR

Investigation of the Epigenetic Regulators and Signaling Pathways influencing Pluripotency Inducing Transcription Factors mediated Tumorigenesis

## MATHEMATICS

AKSHAYA KUMAR PANDA

Some Variants of the Balancing Sequence

DEEPTIMOYI SAHOO

Interval and Fuzzy Computing in Neural Network for System Identification Problems

MITALI ROUTARAY

On Adams Completion and Cocompletion

RAVI KUMAR DAVALA

Algebraic and Geometric Aspects of Some Binary Recurrence Sequences

SNIGDHA BHARATI CHOUDHURY

A Study on Adams Completion and Cocompletion

## MECHANICAL ENGINEERING

ABHISHEK SHARMA

Investigations of A Direct Injection Diesel Engine Run on Non Petroleum Fuel Blends

ALOK RANJAN BISWAL

Geometric Nonlinear Finite Element and Genetic Algorithm based Vibration Energy Harvesting from Functionally Graded Nonprismatic Piezolaminated Beams

AMIT KUMAR MEHAR

Development, Characterization of Mechanical Properties, Wear Behaviour and Machining Analysis of Ceramic Composites for Bio-Medical Applications

ANSHUMAN KUMAR

Investigations on Machining Aspects of Inconel 718 during Wire Electro Discharge Machinig (WEDM) : Experimental & Numerical Analysis

ASIT KUMAR PARIDA

Heat-Assisted Machining of Nickel Base Alloys: Experimental and Numerical Analysis

BIKASH RANJAN MOHARANA

Mechanical and Metallurgical Investigation of AISI 304 Stainless Steel and Commercially Pure Copper Dissimilar Metal Couple Weldments

CHINMAYA KUMAR SAHOO

Development of TiC based Wear Resistance Composite Coating on AISI 304 Steel by Pulsed Laser and TIG Cladding Process

DILIP KUMAR SEN

Analysis of Decision Support Systems of Industrial Relevance: Application Potential of Fuzzy and Grey Set Theories

HARISANKAR BENDU

Experimental and Numerical Analysis of Ethanol Fueled HCCI Engine

HIMANSHU MISHRA

Modeling and Optimisation of Micro-EDM Operation for Fabrication of Micro-Holes

JAKEER HUSSAIN SHAIK	Studies on Design of Spindle-Tool System and their Effects on Overall Milling Process Stability
MANTRAPRASAD SATPATHY	Ultrasonic Spot Welding of Dissimilar Metal Sheets: An Experimental, Numerical and Metallurgical Investigation
M L PAVAN KISHORE	Hydrodynamic Design Structural Analysis and Optimization of Marine Propeller Blade
PRABIR KUMAR JENA	Crack Assessment of Beam Structures from Changes in Natural Frequencies Using Meta-heuristic Approaches
SAURABH KUMAR	Study of Dynamics of Functionally Graded Structural Elements Considering Geometric Nonlinearity
SIVABHASKARARAO D	Mechanical, Thermal and Physical Properties of Hybrid Behaviour of Hybrid Banana-Jute Fibers Reinforced Epoxy and Polymer Composites: Modeling and Experiments
SWASTIK PRADHAN	Investigation of Machinability of Titanium Alloy(Grade5): Experimental and Numerical Analysis
VANESHWAR KUMAR SAHU	Modelling and Prediction of Fatigue Crack Growth in Part-through Cracked Pipes under Bending Load
VENKATA VARA LAKSHMI K	Kinematic Design, Dynamic Modeling and Control Studies of Revolute Planar Parallel Manipulator with Secondary Considerations

## **METALLURGICAL & MATERIALS ENGINEERING**

ANIL KUMAR SINGH BANKOTI	Creep, Tensile and Corrosion Behaviour of Ca and/or Sb Added AZ91 Mg Alloys
ANSHUMAN PATRA	Fabrication of Nano-Y <sub>2</sub> O <sub>3</sub> Dispersed Tungsten Alloys by Mechanical Alloying Followed by Conventional and Spark Plasma Sintering
ASHUTOSH PATTANAIK	Effect of Processing Conditions on Properties of Fly ash-Epoxy Composite
DINESH KUMAR RATHORE	Flexural Behaviour of Nano-Filler Enhanced and Inter-Ply Hybrid FRP Composites at Different In-Situ Elevated Temperatures
LAILESH KUMAR	Development of Cu and Al-Based Metal Matrix Composites using Graphite Nanoplatelets and Multiwalled Carbon Nanotubes as Reinforcement

PANKAJINI SAHANI	Fabrication of SiC-B <sub>4</sub> C-Si and SiC- B <sub>4</sub> C -Al Cermets by Powder Metallurgy Route
RAJESH KUMAR PRUSTY	Implication of CNT Fillers on Environmental Durability of GFRP Composites: An Evaluation of Microstructural Features and Mechanical Properties
RANJAN KUMAR BEHERA	Development of Spheroidal Graphite Cast Iron for Nuclear Fuel Transport Cask
SUMANTA KUMAR SAHOO	Electrochemically Controlled Synthesis of Few-layer Graphene Nanosheets and its Evaluation for Applications

## MINING ENGINEERING

HARIPRIYA MISHRA	Strategies for Removal of Hexavalent Chromium from Contaminated Water in the Mining Area of Sukinda Valley
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## PHYSICS AND ASTRONOMY

KAILASH CHANDRADAS	Sputter Synthesis of Multifunctional Hafnium Oxide based Thin Films for Gate Dielectric and Memory Applications
PRIYAMBADA NAYAK	Synthesis and Characterization of Homovalent and Heterovalent Substituted Strontium Bismuth Titanate Ceramic
TAPABRATA DAM	Study of Relaxation Dynamics and Ion Conduction Mechanism of Composite Polymer Electrolyte and Gel Polymer Electrolyte

## SCHOOL OF MANAGEMENT

RAMAKRISHNA GUPTA P	Impact of Human Resource Development Interventions on Organizational Effectiveness: A Study on Indian Cement Industry
SUKANYA PANDA	Effects of Organizational Capabilities on Organizational Performance: Empirical Evidences from Indian Banking Industry

## MASTER OF TECHNOLOGY (BY RESEARCH)

### Department & Candidate's Name

### Title of the Thesis

#### **CIVIL ENGINEERING**

PRATEEK KUMAR DHIR

Seismic Performance Assessment of RC Multi-Storeyed Gravity Load Designed Frames

NEHA SHUKLA

Utilization of Moringa Oleifera for Reuse of Treated Domestic Wastewater

SIPRA BARIK

Production of Biodiesel from Food Waste

#### **CHEMICAL ENGINEERING**

KATAKAM SARATH CHANDRA

Processing and Properties of Polycrystalline Nd: YAG Ceramics

MITRA SATAPATHY

Development of Durable Superhydrophobic Polymer Composite Coatings for Self - Cleaning and Oil - Water Separation Applications

PREETI JHA

Two Stage Synthesis of Aromatic Thioethers using Hydrogen Sulfide and Reusable Phase Transfer Catalyst

SAROJ KUMAR SAMANTARAY

Experimental Determination and Prediction of Drag Coefficient of Newtonian Fluids Flowing Over Solid and Hollow Objects

SAROJ KUMARI

Hydrogen Sulfide Capture and Utilization: Multiphase Catalysis in Synthesis of Symmetrical Aromatic Sulfides

SHALEKA AGRAWAL

A Numerical Study of Thin Liquid Film Flow over a Topographically Patterned Rotating Cylinder

#### **ELECTRONICS AND COMMUNICATION ENGINEERING**

MANAS RANJAN BISWAL

Some studies on RF Measurement and Modeling for Assessment of Radiation Hazard

#### **FOOD PROCESS ENGINEERING**

DEEPIKA S

Infrared and Microwave Assisted Hot Air Drying of Lemon (Citrus limon L.)

LOHITH KUMAR DH

Designing and Characterization of Emulsion-based Matrices for the Encapsulation of Bioactive Oils using Polysaccharides

S SIVAPRATHA

Development of a Multilayer Emulsion System for the Protection of Polyunsaturated Fatty Acids in Flaxseed Oil

## MECHANICAL ENGINEERING

ANKIT KUMAR PANDEY

Studies on Parametric Appraisal of Friction Stir Welding

DEBASHIS PANDA

Mathamatical Modeling and Design Software for Pulse Tube Cryocoolers

DEVENDRAM GHODKI

Kinematic, Dynamic and Gait Analysis for Navigation of NAO Humanoid Robot in a Cluttered Environment

KAMARAJU NARAYANA SAIMANOJ

Experimental Studies towards Development of a Single Stage High Refrigerating Capacity G-M type Pulse Tube Refrigerator

## METALLURGICAL & MATERIALS ENGINEERING

AKANKSHYA SUPRIYA

Studies on Pre-Treated Coir Dust Reinforced Polymer Composites

## PHYSICS AND ASTRONOMY

PRIYANKA SAHU

Study on Electrical and Magnetic Properties of Modified Strontium Hexaferrite (SrFe<sub>12</sub>O<sub>19</sub>)

## MASTER OF TECHNOLOGY

### BIOTECHNOLOGY & MEDICAL ENGINEERING

#### Biomedical Engineering

Bablu Tiwari  
Deepanjali Gaur  
Gaurav Mohan Sakhare  
Karan Yogesh Pande  
Pratyush Kumar Patnaik  
Rahul Sarkar  
Sourav Mishra  
Vivek Pratap Singh

#### Biotechnology

Bishwanath Seth  
Debadrita Paul  
Jagrati Singh  
Kanwar Abhay Singh  
Noor Mohammed  
Sagarika Dash  
Saranya P  
Sharayu Chandrashekhar Moharkar  
Shreya Biswas  
Srijeeb Karmakar  
Srimeenakshi S  
Sujata Lata

### CIVIL ENGINEERING

#### Geotechnical Engineering

Adiandhra Mohan Babu  
Ajay Raj  
Alla Vamsi  
Anurag Choudhary

Baishnu Bhusan Behera  
Banavath Ramesh  
Debasish Kanhar  
Devansh Nema  
Krishnan K  
Padmaja Swain  
Pelluru Venkata Pavan Kumar  
Ratnesh Kumar  
Rongala Siva Naga Srikanth  
Soumendra Kodamasingh  
Vikrant Patel

#### Structural Engineering

Akhila Basu  
Arasada Sravan Sandeep  
Arjun S. Sanakan  
Baharul Hussain  
Batchu Harish  
Beeharry Shaheel  
Evangeline Lalrinmawii  
Fareed Ahmad  
Govindapuram Prasannajyothi  
Masula Srinivasulu  
Mohammad Musabbir Hussain  
Mohd Faizan  
Nikhil Pundalik Zade  
Pranab Halder  
Pritam Kumar Pati  
Shubhrajyoti Chakraborty

#### Transportation Engineering

Abhinav  
Abhishek Chakraborty  
Aishvary Mishra  
Ankit Raj Ranjan

Dholawala Hetsav Jayeshbhai

Gayathri S

Harshit Singh

Homi Shankar Choudhary

Kondamudi Vinod Kumar

Mamidi Vinodh Kumar

Manas Kumar Behera

Manish Shekhar Azad

Naimatullah Shafaq Rahmatyar

P Bharat Sai Kumar

Rahul Samal

Rupam Sam

### **Water Resources Engineering**

Aishwarya Nayak

Arun Kumar

Laxmipriya Mohapatra

N P Sai Prasad

Prateek Kumar Singh

Prince Raj

Pushpendra Kumar Kushwaha

Rahul Kumar Tiwary

Sarjati Sahoo

Sateesh Kumar Yadav

Shovam Mahapatra

## **CHEMICAL ENGINEERING**

### **Chemical Engineering**

Ankit Agarwalla

Bushra Khatoon

Gangotree Rai

Karanjkar Yogesh Sanjay

Makkitaya Swarna Nagraj

Neelam Venkata Phani Chandra

Pooja Sahu

Prajitha.M

Sougat Das

### **Safety Engineering**

Ajay Shukla

Ashutosh Jena

Ashutosha Sarangi

Bharath Varma Gadhi Raju

Chinmaya Pratik Sahu

Chitra

Debrup Bhaumik

Jomy Joseph

Jyoti Sahu

Mrudul Mathew

Nitish Misra

Piyus Pradhan

Rahees Mohammed Kurikkal O.V

Raunak Kumar Panda

S Partha Sarathi

Shaileja

Subjit Dash

Vikas Kumar

## **CERAMIC ENGINEERING**

### **Industrial Ceramics**

Abhishek Anand

Ankush Kumar

Chavva Swetha

Dhirendra Kumar Tiwari

Jyoti

Partha Banerjee

Pratim Das

Soumavo Sikder



## COMPUTER SCIENCE & ENGINEERING

### Computer science

Ankit  
Anshu Katiyar  
Arpita Dutta  
Bakshree Mishra  
Bandaru Santosh Kumar  
Bhagyashree Besra  
Debadatta Naik  
Dushyant Singh Chauhan  
Jitendra Kumar  
Kallepalli Satishkumar  
Kolluri Rajesh  
Md. Akram Khan  
Perabathula Satyamanikyam  
Reddy Naidu  
Saurav Sharma  
Shyam Kishor Singh  
Srijan Das  
Swami Devang

### Information Security

Dania Qara Bala  
Karambe Suraj Arun  
Kaushal Kumar  
Khushboo  
Namburu Rajeev  
Ninad Narsingrao Dafale  
Patil Devyani Vilas  
Pfokreni Adahrui  
Pooja Singh Thakur  
Priyanka Sahana  
Rahul Vishwakarma  
Sajal Kumar Pramanik

Shivangi Jaiswal  
Shubhank Gupta  
Sugumaran S  
Surya Narayan Mahapatra  
Sushil Kumar  
Swasti Sadhan Khatua

### Software Engineering

Anand Tirkey  
Ankit Satish Chaturvedi  
Himashri Kour  
Kakadiya Janakkumar Karshanbhai  
Nupur Dey  
Peerila Shruthi  
Pushkar Kishore  
Raiyani Chintankumar Bharatbhai  
Ranith Sardar  
Sayed Mohammad Ashraf Gardizy  
Suchismita Sethy

### Analytics And Decision Sciences

Kaushik Pal  
Maddala Naga Usha  
Shri Sushobhan Das

## Electronics & Communication Engineering

### VLSI Design and Embedded Systems

Abhishek Kumar  
Aishwarya Kumari  
Akash Roshan  
Akshdeepika  
Ankathi Gangaraju  
Arindam Dhar  
Ashutosh Kumar Singh

Ganta Yamini  
Goruputi Bilahari  
Manchala Suresh  
Manne Subrahmanyeswara Rao  
Nitesh Agarwal  
Sarat Kumar Behera  
Sivakrishna Reddy J  
Sourajit Karmakar  
Sushil Kumar Sharma

### **Electronics And Instrumentation Engineering**

Abhinav Kumar Singh  
Alok Kumar  
Amit Ranjan Gochhayat  
Debojyoti Mondal  
Harshit Jain  
Ku. Raut Sukhada Ashok  
Niraj Kumar  
Om Prakash Yadav  
Piyush Kumar  
Raghvendra Singh  
Regunta Nithin Kumar  
Sobhini Naik  
Suryawanshi Harshal Tukaram

### **Communication And Networks**

Abhinav Kumar Singh  
Akanksha Warudkar  
Anurag Sethy  
D Srikar  
Dasi Sonu Rangarao Jyoti  
Debarka Chakraborty  
Dhritiman Das  
Divya Devaraj  
Indulata

Kumari Kanak Lata  
Mudavath Raju Naik  
P Srilatha  
Samala Rakesh  
Sanagala Srinivasa Rao  
Sudhanshu Arya  
Tulsi Prasad Sahu

### **Signal and Image Processing**

Abhilasha Barla  
Anumala Udayeni  
Anurag  
Brinda N  
Deepak Jain  
Gargi V Pillai  
Jayati Joshi  
Padmini Parida  
Rishabh  
Sandeep Baddiri  
Shalini  
Shikha Jain  
Silambarasi R  
Swati Mandal  
Tayde Gaurav Panjabrao  
Yarama Reddy Prashanti

## **ELECTRICAL ENGINEERING**

### **Electronic Systems and Communication**

Amit Kumar Jha  
Anurag Pratap Singh  
Boora Shivaprasad  
Gorremuchu Ashok  
Gugulothu Vinod Kumar  
Haobijam Sanathoi Devi  
Kaniti Naga Jayanth

M Ganesh  
 Namita Mallik  
 Rakhi Sharma  
 Roop Sagar Inakollu  
 Saima Imam  
 Sandeepthi Mudiya  
 Shailesh Kumar  
 Soumya Ranjan Panda  
 Undrakunta Siva Naga Raju  
 Vundela Manoj Reddy

### **Control And Automation**

Abhinav Kumar Karn  
 Anuj Arya  
 Baijayanti Mala Das  
 Challa Srinivasa Rao  
 Chandanshive Ashish Ajitkumar  
 Chandra Mohan Kuiry  
 Jyoti Prakash Sahoo  
 Jyotirmaya Sahoo  
 Kasubojula Sharath  
 Macwan Steven Jayantibhai  
 Nitish Kumar  
 Praveen Malviya  
 Priyanka Prajapati  
 Shivam Sahu  
 Suman Guchhait

### **Power Electronics and Drives**

Abhimanyu Sahu  
 Aditya Kumar Gupta  
 Amarlapudi Mahesh Babu  
 Amit Kumar  
 Anil Kumar Behera  
 Bala Krishna Pagadala  
 Bandi Myna

Biswajit Sahoo  
 Debasis Sethy  
 Himanshu Jyoti Saikia  
 Manikant Kumar  
 Mariserla Vineeth Kumar  
 Monika Bishi  
 Navin Kumar  
 Rayana Siva Pavan  
 Suman Kumar Rajak  
 Sunita Oram  
 Vinod Kumar Yadav

### **Industrial Electronics**

Ajaykanta Sahu  
 Deepak Verma  
 K Sivakrishna  
 Marapally Prasanth  
 Mihir Kumar Sahoo  
 Munaganuri V Ravindranadh Gupta  
 Neetu Kumari  
 Nisha Singh  
 Raghav Tomer  
 Rakesh Kumar Sah  
 T S Bheemraj

## **INDUSTRIAL DESIGN**

### **Industrial Design**

Abhishek Verma  
 Aditya Gupta  
 Aman Chopra  
 Ambala Chandu Goud  
 Amit Bhowmick  
 Apurva Shrivastava  
 Bankar Suraj Parshram  
 Deepak Mishra

Faisal Khan  
Mukesh Kumar Rout  
Narendra Kumar  
Nilamani Dehury  
Pradhuman Kumar Gupta  
Pranay Ghosh  
R Hari Krishna  
Sandeep Kumar Pandey  
Sidagam Chaitanya Bharat

## MECHANICAL ENGINEERING

### Machine Design and Analysis

Amal Hisham E Shereef  
Biswajit Acharya  
Chavan Rahul Gautam  
Deepak Kumar Behera  
Diwakar Gurung  
Habeeb Rahman. V. T  
Manas Kumar Sahoo  
Navneet Kumar Verma  
Pradeep Nahak  
Praneet Parmeshwar Jawale  
Saktiswarup Mohapatra  
Sonavane Sagar Sambhaji  
Ved Prakash Singh

### Production Engineering

Akash Verma  
Bhanupratap Patel  
Bighnesh Kumar Sahu  
Dileep Kumar Mishra  
Jadam Thrinadh  
Kasani Tirupataiah  
Krishna Kumar  
Kulkarni Prathamesh Ghanashyam

Mandapati Ravi Kumar  
Md Riazuddin  
Nirmal Tirkey  
Punit Shankar Chide  
Rahul Sharma  
Ranjeet  
Sweta Saroj

### Thermal Engineering

Abinash Samanta  
Ajit Kumar  
Amit Kumar Gupta  
Ashish Banik  
Bibekananda Sahoo  
Boddikondla Rajesh  
Deepika Nayak  
Itishree Mishra  
Koshti Krushna Devidas  
Md Minhaz Ahmad  
Nishant Tiwari  
Pedada Sudheerkumar  
Pooja Patel  
Pravin Singh  
Siripurapu Yada Kishore  
Upasana Chaini  
Vidhyasagar Jhade  
Vikas Kumar Verma  
Vishal Kumar

### Cryogenic and Vacuum Technology

Abel Christena Francis  
Abhranil Roy  
Amarthaluri Lalitha Jyothi  
Ashita K.b  
Chakresh Yashwant Shende  
Chandan Kumar

Debashish Chakraborty  
 Jitesh Kumar  
 K Prakash  
 Kamlesh Kumar  
 Ritesh Mandal  
 Saswat Purohit  
 Saurav Kumar Nayak  
 Snehlata Mishra  
 Soumya Ranjan Nayak  
 Sujeet Sharma  
 Tushar Srivastava  
 Upendra Kumar Yadav  
 Vivekanand Prajapati

### **Plastics, Composites and Timber Engineering**

Abhishek Chaturvedi  
 Amit Rajkonwar  
 Danavath Vasu Naik  
 Deepak Singh  
 Himanshu Mittal  
 Jasti Anurag  
 Partha Sarathi Sahoo  
 Satya Ranjan Shial  
 Sharda Devi Suman  
 Subhrajit Pradhan  
 Sunny Kumar  
 Syed Rizwan

### **Steel Technology**

A Usha Kiran  
 Aakash D S  
 Abhishek Kumar  
 Akesh Kumar Pradhan  
 Avinash Singh Rathie  
 Biswajita Mishra

Gaurav Pandey  
 Himanshu Markanday  
 Jaydeep Vishwakarma  
 Mhetre Yogesh Shamsundar  
 Nitin Naithani  
 Rasmi Ranjan Sahoo  
 Sankalp Mishra

## **METALLURGICAL & MATERIALS ENGINEERING**

### **Metallurgical and Materials Engineering**

Chilakampalli Sivajyothi  
 Darji Bansal Vinaykumar  
 Debaraj Sahoo  
 Harish R  
 Jagabandhu Behera  
 Kevin Jacob  
 Mallampalli V S S D S Surya Pavan  
 Parag Aabasaheb Sardar  
 Pradeep Kumar Biswal  
 Shrey Bhatnagar  
 Tanmoy Das

## **MINING ENGINEERING**

### **Mining Engineering**

Archana Balmik  
 Gaikwad Sudhir Laxmanrao  
 Jitendra Kumar Tripathi  
 Nandan Kumar Jha  
 Nitish Anand  
 Suman Sourav  
 Suryakant Rathore  
 Vikas Kumar Chhimpia

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

### CIVIL ENGINEERING

**M.Tech in Transportation Engineering**  
**with**

**B.TECH HONOURS**

Debu Kumar Pradhan  
L Ankit Agarwal  
Naman Kumar  
Subhendu Sekhar Sahoo

**B.TECH 1ST CLASS**

Kripashankar Dhusiya  
Pulkit Jalan  
Ragsukum  
Srikant Debata

**B.TECH 2ND CLASS**

D Suraj Kumar

**M.Tech in Water Resource Engineering**  
**with**

**B.TECH HONOURS**

Sitam Suvam Jena

**B.TECH 1ST CLASS**

Amit Prajapati  
Apuri Mahesh Kumar  
Biswa Manaschintan Sahoo  
Gaurav Shukla  
Haripriya Sahoo  
Laxmikant Das  
Soumya Ranjan Mishra  
Vivek Sharma

### CHEMICAL ENGINEERING

**M.Tech in Chemical Engineering**  
**with**

**B.TECH HONOURS**

Abhishek Puri  
Annepu Shanmuk Kharavela  
Sachin Pandey  
Shreya Ghosh  
Siramwar Divya Deepak  
Vikas Rathore

**B.TECH 1ST CLASS**

Jagadish Kumar Singh  
Sourag Ashe

### CERAMIC ENGINEERING

**M.Tech in Ceramic Engineering**  
**with**

**B.TECH 1ST CLASS**

Uppu Venkateswara Rao

**B.TECH 2ND CLASS**

Deepak Kumar Meena

**M.tech In Industrial Ceramics**  
**with**

**B.TECH HONOURS**

Akanksha Agrawal  
Barsa Baisali Panda  
Shaswata Bisi  
Y Nikhilendra

**B.TECH 1ST CLASS**

Kunwardeep Singh Kohli  
Madhabendra Rout  
Paresh Khairnar  
Puviyarasu Paul Clemens

**B.TECH 2ND CLASS**

Ameet Kumar Pradhan

## COMPUTER SCIENCE & ENGINEERING

### M.Tech in Computer Science & Engineering with

#### B.TECH HONOURS

C Shweta  
Siddharth Manu  
Soumya Ranjan Swain

#### B.TECH 1ST CLASS

Kankanala Harish Reddy  
Rohit Baghel  
Roopsa Das  
Saurabh Kanhere  
Sitansu Kumar Subudhi

### M.Tech in Information Security with

#### B.TECH HONOURS

Anmol Dalmia  
Suman Kumar Sahu  
Sunil Kumar M

#### B.TECH 1ST CLASS

Abhishek Patharia  
Pratyush Kumar Mohanta  
Selamneni Girish Chandra  
Sumeet Garnaik  
Sushovan Das

## ELECTRONICS & COMMUNICATION ENGINEERING

### M.Tech in VLSI Design and Embedded Systems with

#### B.TECH HONOURS

C Ranga Sumiran  
Khirood Chandra Sahoo

Priyadarshan Mohanty  
Swetaleena Mohapatra

#### B.TECH 1ST CLASS

Konakalla Rakesh  
Pratik Sahoo  
Shashant Vijay  
Soukarsha Dhar

### M.Tech in Communication and Networks with

#### B.TECH HONOURS

B Sneha  
Bandaru Himabindu  
Marolyn Patro  
Sharat Venkata Kandregula  
Sindhu C M Gowda  
Snehasis Hota

#### B.TECH 1ST CLASS

B Naveen Achary

#### B.TECH 2ND CLASS

Kunal Chandra Rana

## ELECTRICAL ENGINEERING

### M.Tech in Electronic Systems and Communication with

#### B.TECH HONOURS

Abhishek Pisipati  
Sandeep Kumar  
Shubhendu Jena

#### B.TECH 1ST CLASS

Joy Kispotta  
Sipra Kumari Behera  
Vikrant Sahu

#### B.TECH 2ND CLASS

Chandraneel Das

**M.Tech in Control and Automation**  
**with**

**B.TECH HONOURS**

Chikoti Akash Gupta  
Hitesh Kumar Senapati

**B.TECH 1ST CLASS**

Adarsh Bhuyan  
Asita Samal  
Gopal Krishna Sahu  
Himanshu Sinha  
Karthikeyan Gurijala  
Vishesh Kushwah

**M.Tech in Power Electronics and Drive**  
**with**

**B.TECH HONOURS**

Chandra Prakash  
Gourav Pradhan

**B.TECH 1ST CLASS**

Akshay Kumar Bhyri  
Avinash Prasad  
Binaya Kishore Behera  
Chandan Behera  
Manoj Oram  
Sukrashis Sarkar  
Vikash Chandola

**MECHANICAL ENGINEERING**

**M.Tech in Mechatronics and Automation**  
**with**

**B.TECH HONOURS**

Ashish Kumar Mallick  
Asit Kumar  
Ramesh Kumar Chandak  
Varghese Arun C T

**B.TECH 1ST CLASS**

Biswajit Swain

Debendra Pradhan  
Nishant Bhardwaj  
Romario Boipai  
Rowthu Sai Kiran Kumar

**METALLURGICAL &  
MATERIALS ENGINEERING**

**M.Tech in Metallurgical and Materials**  
**Engineering**  
**with**

**B.TECH HONOURS**

Nomula Sai Seetha Ram  
Ravishankar Suman  
Sohan Kumar Ghosh

**B.TECH 1ST CLASS**

Gourav Jain  
Lagnajit Das  
Prasanna Verma  
Sourav Jena  
Tushar Kanta Sethi

**B.TECH 2ND CLASS**

Prabhudatta Anup Sourav

**MINING ENGINEERING**

**M.Tech in Mining Engineering**  
**with**

**B.TECH HONOURS**

Aman Mishra

**B.TECH 1ST CLASS**

Brijesh Kumar  
Mekala Kartheek  
Muddana Vishnu Teja  
Pritish Das  
Shashank Kumar



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

### CHEMISTRY

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

Deepti Raj  
Jyoti Prasad Panigrahi  
Nihar Ranjan Prusty  
Nishesh Kumar Gupta  
Puja Rani Prusty  
Rajendra Kumar Meena  
Raviprolu Venkata Varun Tej  
Sarbeswar Sethi  
Subhrarani Patel  
Swagat Mohapatra  
Tathagata Kundu

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

Sumanta Kumar Sahoo

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

Annem Ramachandra Reddy  
Kollipara Vijay  
Motilal Chhatra

### MATHEMATICS

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

Guttula Surya Chinna Venkatesh  
Jeeban Jeet Sahu  
Melpati Yeshwanth Sai  
Ms.santosh Rani  
Pragnya Upasana Patra  
Raj Kumar  
Sachchidanand Prasad  
Sushree Sangita Mohapatra  
Suvranshu Sekhar Sahoo

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

Nanda Khara

### PHYSICS

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

Ankushreddy Kanuganti  
Bhismadev Meher  
Debarghya Chakraborty  
Dilip Choudhary  
Itesh Kumar Panda  
Natva TharunFirst  
Ongole Geeth Chandra  
Osho Raman  
Saswat Pattnaik  
Satyabrat Behera  
Sonika Piridi  
Souradeep Purkayastha  
V Akilesh  
Vedula Ramana Bharadwaj

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

Sheikh Wasim Sajjad

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

Debabrata Nayak  
Dhruv Sharma  
Dilshad S  
Santak Kumar Mohanty

## MASTER OF SCIENCE

### EARTH & ATMOSPHERIC SCIENCES

#### FIRST CLASS

Abhishek Kumar  
 Abhishek Kumar Jha  
 Aditya Sahoo  
 Alok Kumar Palei  
 Amit Kumar Patel  
 Amit Mondal  
 Ankit Dipta Dutta  
 Anmol Barla  
 Chandan Kumar Mohapatra  
 Dillip Kumar Mohanta  
 Doyel Mukherjee  
 Jyotiraj Naik  
 Mama Manjali Behera  
 Monalisa Sahoo  
 Nikitasha Chatterjee  
 Pankaj Kumar Soni  
 Poulommi Mondal  
 Ranadeep Chutia  
 Sameeksha Mishra  
 Sanatan Sahoo  
 Shaheen Akhtar  
 Shreya Mukherjee  
 Sukanya Upadhyay  
 Sunil Kumar Sahoo

### CHEMISTRY

#### FIRST CLASS

Ajay Khanna  
 Amit Kumar Mahto  
 Aritra Mukhopadhyaya

Bappaditya Das  
 Chhandak Adhikari  
 Deepak Kakash  
 Dipannita Roy  
 Gayadhar Malik  
 Gupta Suchit Anand  
 Jagannath Saha  
 Jyothi Yadav  
 Kamal Hassan  
 Km. Neha Barnwal  
 Kushagra Yadav  
 Madhurima Sarkar  
 Nuja Sanasam  
 Prajakta Mohan Ramteke  
 Priya  
 Priya Ranjan Sahoo  
 Rasmi Ranjan Bhutia  
 Sourav Sen  
 Sumit  
 Sunita Dhaka  
 Tino S Thomas

### LIFE SCIENCE

#### FIRST CLASS

Dipankar Mahapatra  
 Darshna Dubey  
 Krishna C.G.  
 Rushati Dey  
 Uzma Hasan  
 Kamble Rajkumar Dattatraya  
 Kajal Krishna  
 Amaresh Kumar Mahakud  
 Priyanka Mahuka  
 Asmita Naik

Tanmayee Nanda  
 Sankalita Paul  
 Pratiti Rout  
 Sarbari Saha  
 Suchitra Sahoo  
 Ashutosh Sahu  
 Kuldeep Sharma  
 Manish Sharma  
 Nikita Yadav  
 Arjun Arya  
 Harshita Bhawsar

## **MATHEMATICS**

### **FIRST CLASS**

Akshay Pawan Jenekar  
 Anand Yadav  
 Angelica Laishram  
 Aritra Saha  
 Bharat Kumar  
 Debasis Sharma  
 Haripriya Sahoo  
 Krishna Murari  
 Prem Dagar  
 Rahul  
 Roshani Sengar  
 Sharmila  
 Subhankar Dutta  
 Surbhi Kumar  
 Vinod Prakash  
 Yogendra Sahu

### **SECOND CLASS**

Dinesh Mahananda  
 Naseem

## **PHYSICS**

### **FIRST CLASS**

Aman Grover  
 Anindya Sundar Paul  
 Deepak Prajapat  
 Depanshu Varshney  
 Himanshu Chauhan  
 Kaberi Goswami  
 Manoranjan Mandal  
 Neha Roze  
 Pabitra Kumar Saha  
 Prashant Kushwaha  
 Preeti  
 Priyanka Ragini  
 Rajat Chauhan  
 Ranjan Kumar  
 Sakshi Kakkar  
 Sarthak Dash

### **SECOND CLASS**

Arijit Mahapatra

## MASTER OF ARTS IN DEVELOPMENT STUDIES

### FIRST CLASS

Alok Ranjan Mohanty  
Dharmendra Kumar  
Pallavi Kanungo  
Pappu Kumar  
Pooja Das  
Pritam Biswal  
Soumya Sucheta Das  
Subhashree Dash  
Varsha Sinha

### SECOND CLASS

Biswadev Saha  
Vivek Kumar

## MASTER OF BUSINESS ADMINISTRATION

### FIRST CLASS

Abhra Bandyopadhyay  
Adyasha Chaini  
Alaka Patel  
Alka Priyadarshani  
Amlan Rajat Pati  
Amrita Panda  
Bandana Biswal  
Bhabavuti Parasar  
Bishnu Gochhayat  
Chandana Patel  
Dev Dutt Sharma  
Dev Kumar Shrivastava  
Divyagyan Mishra  
Durgesh Nandini Patra  
Geetanjali Badhai  
Jagan Kumar Pradhan

Jagpreet Singh Saluja  
Mihir Sahu  
Minaketan Sahoo  
Monika Priyadarsani Sahoo  
Namrata Nanda  
Prabhu Kalyana Sahoo  
Prashant Kumar Bhashkar  
Rafia Rashid  
Rashmi Rekha Behera  
Romio Ranjan Mallick  
Saptarshi Sarkar  
Satish Kumar Patel  
Satya Swaroop  
Subhashree Samantaray  
Sucharita Singh  
Suraj Kumar Mishra  
Tanmay Behera

## BACHELOR OF TECHNOLOGY

### BIOMEDICAL ENGINEERING

#### HONOURS

Ankit Sharma  
Bichitra Mohan Nayak  
Debasisha Panigrahi  
Pallavi Bohidar  
Punuganti Sai Akanksha  
Soumya Gupta

#### FIRST CLASS

Abhijit Nayak  
Amra Ashok Dhabalia  
Bhimireddy Akhil  
Daina Kumar Sahu  
Ekant Mishra  
Kuldeep Kaiwart  
Nabaneet Pradhan  
Naeema Manika  
Nischit Mishra  
Panchanana Malik  
Pankaj Kumar  
Rohit Kumar Verma  
Seshasai G  
Srikant Suman  
Sunil Kumar Rout  
Vivek Maharana

#### SECOND CLASS

Anil Kumar Sethy  
Chinmay Mokashi  
Sumesh Das  
Uttam Kumar Hembram

### BIOTECHNOLOGY ENGINEERING

#### HONOURS

Anima Saha

Ashis Ranjan Behera  
Mediseti Raj Mohan Naidu  
Niharika Prajapati  
Pratiksha Sarangi  
Pratyush Behera  
Priyanka Babu  
Rohan Sachdeva  
Saumya Pandey  
Sidhant Swarup Rout  
Sourav Kumar Mishra

#### FIRST CLASS

Ashish Kumar Majhi  
Dileep Kumar  
Kanaparthi Sunny  
Karunya Madhaba Chandra  
Marepu Raju  
Nehal Singh  
Tanmaya Nayak

#### SECOND CLASS

Pradyut Kumar Meher

### CERAMIC ENGINEERING

#### HONOURS

Akankshya Sahoo  
Arpita Priyadarshini  
Deepak Kumar  
Kajol Pattnaik  
Lubna Farheen  
Mitasha Swain  
Paramjeet Patra  
Priyabrat Senapati  
Sankalp Tandon  
Srinidhi R

### **FIRST CLASS**

Deepak Kumar Agrawal  
Ishant Gupta  
Jammu Satyajith  
Jitesh Kumar Puthal  
K Yogesh Kumar  
Piyush Kumar Barik  
Sachin Padhan  
Saroj Kumar Behera  
Shubham Kumar Patel  
Sunkara Mukesh  
Swoyanga Prakash Routray

Amit Ujjwal  
Anshuman Dash  
Atish Krushna Behera  
Bibhu Prasad  
Bidisha Gogoi  
D Naveen Kumar Achary  
Dhruv Raj Hans  
Jayadev Pradhan  
Jyoti Prakash Singh  
Kornala Likhitha  
Mathali Mahesh  
Neelathi Venkata Sravanthi  
Nikhil Jaiswal

## **CHEMICAL ENGINEERING**

### **HONOURS**

Ankit Pattnaik  
Anukta Datta  
Dipanjana Basu  
Manas Bhardwaj  
P Lakshmi Narayan Patro  
Rahul Lamba  
Rashmita Sethy  
Ravi Kiran Das  
Rohan Sartape  
Sadi Tanusha  
Samlesh Choudhury  
Sandeep Pattnaik  
Santhapuri Prathyusha  
Shashank Shukla  
Shivanshi Srivastava  
Sonali Sahu  
Soubhagya Kumar Jena  
Vaibhav Nayak

Pratik Das  
Rakesh Kumar  
Sachin Tiwari  
Sai Swaroop Mandal  
Sanjukta Nayak  
Sarthak Kabi  
Satish Kumar  
Siddhanta Patra  
Sidhartha Nayak  
Thimirishetty Swetha

### **SECOND CLASS**

Guggulothu Varun Kumar Nayak  
Katragadda Samanth  
Rachit Goyal

## **CIVIL ENGINEERING**

### **HONOURS**

Akshay Agarwal  
Abinash Behera  
Arnab Giri  
Biswaprakash Das  
Dibyajyoti Behera  
Gamini Sri Valli  
Jagannath Panda

### **FIRST CLASS**

Abhishek Kumar  
Abhishek Padhy  
Akansha Satapathy

N Kiran Kumar Reddy  
 Paresh Bhoi  
 Pratik Priyadarsi Dash  
 Priyanka Sukla  
 Rahul Kumar  
 Rakhee Rani Naik  
 Sachin Satyabrat Acharya  
 Sagnik Paul  
 Sankara Nanda Rana  
 Satyam Panda  
 Sidharth Kumar Das  
 Suraj Prakash  
 Vikrant Mishra

### **FIRST CLASS**

Ahmad Samim  
 Ajay Kumar Saroj  
 Aswini Moharana  
 Bhababhuti Samal  
 Bongu Pavan Kumar  
 Deepak Kumar  
 Dibyajyoti Mohapatra  
 G Sairam Deepak  
 Hussein A Mohamed  
 K.anil Kumar Rathod  
 Kakani Vamsidhar  
 Kurimineni Hemanth Kumar  
 Masihullah Alimy  
 Naresh Banothu  
 Neamatullah Sedaqat  
 Obaidullhaq Haziq  
 Prashant Raj Kerketta  
 Pratik Pradhan  
 Rashmi Ranjan Sahoo  
 Remaliah Moses Gedala  
 Shaik Nagul Meera  
 Sheir Ahmad Nazari  
 Shukrullah Omead  
 Subasis Naik  
 Ziaulrahman

### **SECOND CLASS**

Madhusudan Sethy  
 Siddhartha Majhi

### **COMPUTER SCIENCE & ENGINEERING**

### **HONOURS**

Abhinav Kumar  
 Abinash Sahoo  
 Alankar Verma  
 Amrit Mishra  
 Anamay Sarkar  
 Andhavarapu Priyanka  
 Aniket Misra  
 Ankit Taparia  
 Anshuman Das Mohapatra  
 Bibhu Prasad Das  
 Bolla Naga Durga Sravya  
 Chelsi Agrawal  
 Deepak Kumar Gupta  
 Ipsita Parida  
 Jyoti Swain  
 Koka Reetika  
 Komal Avinash Sinha  
 Maneesha Nidhi  
 Manish Behera  
 Manisha Mallick  
 Polimera Vinod Kumar Reddy  
 Puja Kumari  
 Rudra Mohan Mishra  
 Saligrama Subbaraja Kashyap  
 Sambit Panigrahy  
 Sarin Nanda  
 Satopanth Gourav Nayak  
 Satyadev Chandak  
 Shilpa Mukhopadhyay  
 Shruti Rani  
 Snigdha Sahoo

### **FIRST CLASS**

Aditi Sahoo  
 Aishwary Tiwari  
 Avay Kumar Das  
 Bharath Kumar Reddy  
 Bishnupriya Pradhan  
 Chanda Ysaswini  
 Chandrasekhar Patra  
 Chepuru Divyateja  
 Chimmani Revanth  
 D Samarth  
 Debi Prasad Das  
 Dilip Raj Bishwokarma  
 Dipesh Baral  
 Gregory Varghese Manalumbhagath  
 Gundabathula Sri Sai Teja  
 Himanshu Gupta  
 Jahnvi Ayyanki  
 Manupudi Eswar  
 Mayank Rituraj  
 Omprakash Patra  
 Paramjeet Kumar Sahu  
 Pradesh Kumar Majhi  
 Rohit Rajat Mohanty  
 Sahiti Pendyala  
 Santosini Samantaray  
 Saumya Ranjan Sahoo  
 Saurabh Kumar Sunny  
 Shakti Prasad Sahoo  
 Shalini Rawat  
 Sourav Mohapatra  
 Subhankar Das  
 Subrat Kumar Behera  
 Suryansh Tiwari  
 Swagat Mohanty  
 Tenali Vinay Babu  
 Vangipuram Sree Ranganath  
 Vankudoth Sreenu  
 Vipul Rajan  
 Vishal Kumar

### **SECOND CLASS**

Abhishek Satyal  
 Mukul Katoch

## **ELECTRONICS & COMMUNICATION ENGINEERING**

### **ELECTRONICS & COMMUNICATION ENGINEERING**

### **HONOURS**

A R Balalakshmi  
 Adya Akriti Tripathy  
 Anjan Kumar Behera  
 Bikram Kesharee Nayak  
 Burugupalli Rashmi Sai  
 Chandrakanta Sahu  
 Debi Prasanna Saraswata  
 Gunturu Venkata Sai Ram  
 Kumari Jyoti  
 Mareesh Kumar Issar  
 Pericherla Durga Bhavani  
 Pratyasha Priyadarshini  
 Priyanka Naik  
 R K Somesh Simrun  
 Sagnik Basu  
 Saswati Sadual  
 Shruti Mohanty  
 Sthitipragyna Behera  
 Subhashree Behera  
 Sweta Pattnaik

### **FIRST CLASS**

Abhilash Patel  
 Anapareddy Sai Anudeep  
 Bikkina Rudrananda  
 Joseph Muriu Kiguta  
 M S S Ramaraju Ganesh Namagiri  
 Mandagani Prasanthi  
 Marella Pavankumar



S Sunil Kumar  
 Sandi Sai Prakash Reddy  
 Sankarapu Posi Babu  
 Sital Prakash  
 Sunil Manohar  
 Thangeda Pratheek Rao

### **SECOND CLASS**

Dibya Prakash Samal  
 Raaz Hansdah

## **ELECTRICAL ENGINEERING**

### **HONOURS**

Anshu Goyal  
 Arun Choudhury  
 Avinash Paul  
 Binay Bhusan Pradhan  
 Celina Satapathy  
 Deepak Kumar Bishoyee  
 Devi Prasad Sethi  
 Dhulipudi Raghavasaketh  
 Gaurab Dash  
 Ipsita Bohidar  
 Kolli Sai Teja  
 N R Ashish  
 Parthasarathi Giri  
 Penumuchu Ravindra  
 Prabhu Kalyan Das  
 Priyanka Choudhary  
 Priyankar Panigrahi  
 Ruma Shivangi  
 Shraddha Satpathy  
 Shruti Jha  
 Soumyaranjan Biswal  
 Subhashree Subhasmita Chanda  
 Tuhin Ranjan Dasgupta

### **FIRST CLASS**

Anirban Debnath

Ankit Pani  
 Anurag Saha Roy  
 Atul Kumar  
 Bidyut Prava Munda  
 Biswa Prakash Singh  
 Boddu Lakshmi Dedeepya  
 Boppudi Lalitha Lahari  
 Brajesh Kumar  
 Cherukuri Ravi Teja  
 Jajati Keshari Parida  
 Jangam Tharun  
 Jateen Dalbehera  
 Lokesh  
 Manyala Kranthi Kiran  
 Palla Arun Kumar  
 Pantam Divya Tej  
 Paul Kujur  
 Prabhata Behera  
 Pradeep Mehra  
 Pradosh Kumar Das  
 Prajna Prakash Giri  
 Praveen Kumar Ranjan  
 Rajat Kumar Pradhan  
 Sanat Kumar Dhan  
 Sandeep Kumar  
 Saurabh Yadav  
 Smrutishobhita Bhoi  
 Sritam Mahapatro  
 Sushobhan Bala  
 Urvashi Meena  
 Utkarsh Upendra  
 Varadhi Harsha  
 Vishal Gourav Mallick  
 Yakkala Suchendra Kumar

### **SECOND CLASS**

Soumya Ranjan Kanhar  
 Swostik Rout  
 Waheedullah

## **ELECTRONICS & INSTRUMENTATION ENGINEERING**

### **HONOURS**

Bikash Kumar Moharana  
 Goddeti Saikiran  
 J Pavan Krishna  
 Jiten Behera  
 Jogamaya Sabat  
 K Sudeeksha  
 Kanujula Sreemanikantakumar  
 Manda Sushant  
 Mohini Gupta  
 Rajesh Kumar Behera  
 Rashmi Singh  
 Sanmay Patel  
 Savita Burnwal  
 Siddhartha Choudhury  
 Sovana Rout  
 Subhrajit Moharana  
 Swati Samikshya Sahoo  
 Vyza Yashwanth Sai Reddy

### **FIRST CLASS**

Adyasha Pradhan  
 Ankit Raj  
 Megham Sai Sindhusa  
 P V Arun Rahul  
 Parthib Choudhury  
 Sanat Kumar Kisku  
 Saurav Roy  
 Shubham Singh  
 Subhrajeet Majhi  
 Swagat Sahoo  
 Uppala Naveen Krishna Teja

## **FOOD PROCESS ENGINEERING**

### **HONOURS**

Ankita Nayak

Ashish Kapoor  
 Chinmoya Padhi  
 Debi Prasad Sahoo  
 Hansa Mohapatra  
 Kishan Prasad  
 Shubham Subrot Panigrahi  
 Suman Sourav Mohapatra

### **FIRST CLASS**

Aishani Sahu  
 Akash Dangode  
 Ashok Kumar Nayak  
 Dileswar Pradhan  
 Kanhaiya Kumar Singh  
 Mayank Agrawal  
 Poonati Giri Prasad  
 Rajat  
 Vikalp Awasthi  
 Vipra Shivateja

## **INDUSTRIAL DESIGN**

### **HONOURS**

Akasapu Harish Rao  
 Alisha Mahapatra  
 Anubhab Panda  
 Arvind Shroff  
 Ipsit Pradhan  
 Karan Chowdhury  
 Mekala Hrudai Roshan  
 Sambit Kumar Sahu  
 Shivam Kaushik  
 Sibasis Mohapatra  
 Suman Mishra  
 Vidur Kumar

### **FIRST CLASS**

Bijna Bibhudatta Sahoo  
 Burugula Steeven Raj  
 Chinni Raja Ammela

D Ashish Kumar  
Debraj Tudu  
Gourav Gupta  
Karri Vinay Manohar  
Mrinal Kanta Behera  
Rakesh Jami  
S Prathik Yadav  
Sanjay Kumar Mallik  
Siddharth Kar  
Siddharth Shankar Prusty  
Thota Seshu Kumar  
Undrala Suraj

## MECHANICAL ENGINEERING

### HONOURS

Abhijeet Pattnaik  
Abhijeet Prusty  
Abhishek Kumar  
Abhishek Kumar  
Adarsh Avaneesh Kamilla  
Aishwarya Behera  
Binit Sarangi  
Deepanwita Tripathy  
Desetti Devi Vara Prasad  
Dibya Ranjan Barik  
Genupula Subba Reddy  
Giriraj Dadhore  
Gokul Krishnan G  
Ipsita Rath  
Jakku Drupath Reddy  
Kalpajyoti Moran  
Karra Apoorva Tejaswi  
Kukkadapu Nishanth  
Madhu Sudan Chhangani  
Mandavkar Nayan Bapunaji  
Manoj Kumar Sahu  
Naushita Sharma  
Patharapalli Durga Ramesh Babu  
Prateek Kumar Senapaty

Pravendra Kumar  
Pritam Bhaumik  
Punya Kalyan Samantaray  
Ramashish Maurya  
Rasala Rakesh  
Reehas Raj  
Rishav Das  
Rishiraj Chakraborty  
Rohit Ranjan Rath  
Saikat Chakraborty  
Samir Kumar Nayak  
Saroj Kumar Bishwal  
Satya Gope  
Shikher Verma  
Shubham Panda  
Shuvam Saurav Sahu  
Siddharth Mcwann  
Srimoy Mund  
Subham Jyoti Mishra  
Subhasis Nayak  
Subrat Kumar Behera  
Subrat Kumar Sahoo  
Sunil Kumar Sahoo  
Surya Narayan Sahoo  
T Sriram Shraff  
Tanushree Behera  
Tm Nikhil Sai  
Udayan Singh  
Vivek Bharati

### FIRST CLASS

Adari Chiranjeevi  
Arunima Karmakar  
Ashish Kumar Behera  
Astam Lal Shah  
Aswin Kumar Behera  
B Prem Kumar  
Biswajit Barik  
Chandan Charchit Panda  
Chenna Pavan Kumar

Chhatra Rana  
 Chidananda Samal  
 Debadatta Hembram  
 Debjit Nandi  
 Deekshith Kaladharan  
 Dushmantha Kumar Naik  
 Joel Benny Mukalel  
 Kiran Kumar Bohora  
 Kondapuram Vamsi Krishna  
 Kunal Biswal  
 Madhuri Shankar K.U  
 Muhammed Sameeh Manikoth  
 Prakash Ojha  
 Prasadi Akilesh Babu  
 Rakesh Kumar Sethy  
 Ram Sharan Kamati  
 Ritesh Kuhikar  
 Rohit Jose  
 Sarath Radhakrishna Kurup  
 Sidharth Ghosh Roy  
 Soham Ghosh  
 Soumya Satyakanta Sethi  
 Subham Kumar Tarai  
 Sudhansu Sahu  
 Suraj Kumar  
 Swmdwn Basumatary  
 Vajrala Jagannadha Reddy  
 Vinay Sah  
 Vishnu Bhuvanendran Nair

## **SECOND CLASS**

Aswini Kumar Sethi  
 Zameer Alam

## **METALLURGICAL & MATERIALS ENGINEERING**

### **HONOURS**

Arunesh Kumar Pandey  
 Ashika Agrawal

Atul Anand  
 Ayush Poddar  
 B Ankit Shetty  
 Batakrishna Giri  
 Bidhan Mishra  
 Himanshu Mohanty  
 Hrushikesh Sethi  
 Mebin Dominic  
 Nihar Ranjan Panigrahi  
 Prashant Kumar Dash  
 Pratik Kr Gupta  
 Sanghamitra Kalo  
 Satyajeet Dash  
 Sohan Kumar Sahoo  
 Soumyakanta Sahu  
 Sourav Kumar Badu  
 Suman Swain

### **FIRST CLASS**

Abhijnan Saikia  
 Abhishek Mandal  
 Akella Sai Ram  
 Ankit Panda  
 Ankit Surana  
 Chittanuru Sumanth  
 Deepak Kumar Kalah  
 Dipesh Divyanshu  
 Empally Sai Krishna  
 Kamma Sai Venkat  
 Kumar Krishanjeet  
 Murahari Abhishek Naveen Raj  
 Pujari Anuptha  
 Ravi Baghel  
 Satyabrata Nigamananda Sahoo  
 Shashwat Sahoo  
 Shubham Gupta  
 Sriram Madhav Vivekvardhan Pilla  
 Sthitapragyan S Sahoo  
 Subhasish Sahu  
 Subrat Kumar Behera

Swastik Somaray Mashyal  
Venkat Dinesh Sampenga

Sibu Prasad Mati  
Srujan Deep Mishra  
Umesh Oram

### **SECOND CLASS**

Goswami Tanmay Mahendra  
Matcha Shanmukha Raghavendra Murthy  
Rajkumar Baskey

### **SECOND CLASS**

Preshanjeet Kumar

## **MINING ENGINEERING**

### **HONOURS**

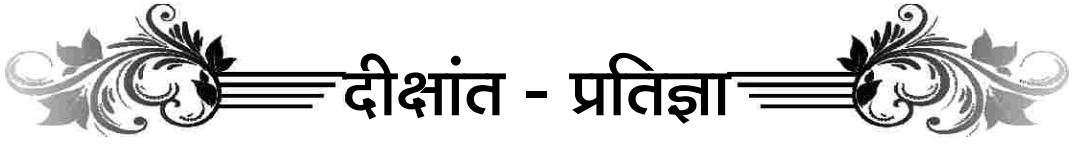
Abhaya Kumar Mishra  
Abinash Swain  
Chetelli Venu  
Devgen Kumar Singh  
Iswar Chandra Jain  
Jatin David Bagh  
Jitendra Kumar Sahoo  
Mayank Sahu  
Pati Jaya Chandra  
Rohit Kumar Singh  
Samyak Sambit Mohapatra  
Satyabrata Nayak  
Shivam Chandra  
Sujan Kumar Dalbehera  
Vrishank

### **FIRST CLASS**

Arvind Kumar  
Gorantla Arun Kumar  
Kommalapati Ajay Babu  
Kotamarthi Praveen Kumar  
Lakavath Naresh  
Mandiga Sri Satya Sai Sashank  
Manish Kumar Sahu  
Pulyala Poornachander  
Rangu Vineeth  
Samala Jeevan  
Shiv Kumar Chandra Prakash



## राष्ट्रीय प्रौद्योगिकी संस्थानम् राउरकेला



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 2017, 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

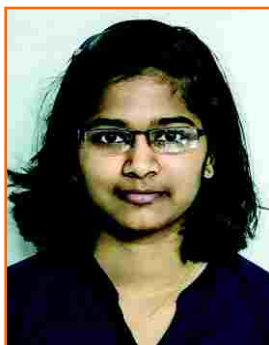
That we will utilize our knowledge in the field of Science and Technology to serve the humanity and to uphold the dignity of our alma mater."



*Medals  
&  
Prizes*



**XV Convocation**  
**WINNERS OF INSTITUTE GOLD MEDALS**



**K APOORVA TEJASWI**

Prof. Bhubaneswar Behera Gold Medal for  
Best All-rounder of the  
UG outgoing batch-2017



**ANAMAY SARKAR**

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



**ABHISHEK CHAKRABORTY**

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



**B SNEHA**

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



**SACHCHIDANAND PRASAD**

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



**XV Convocation**  
**WINNERS OF INSTITUTE GOLD MEDALS**



**POULOMMI MONDAL**

Institute Gold Medal  
for the Best Postgraduate (M.Sc. and MA)



**NAMRATA NANDA**

Institute Gold Medal  
for the Best Postgraduate (MBA)



**PUNUGANTISAI AKANKSHA**

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



**ADITYA GUPTA**

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



**GUPTA SUCHIT ANAND**

Gold Medal for the Best Project  
[M.Sc. Integrated M.Sc. & M.A]



## INSTITUTE BRANCH TOPPERS

### 1. UNDERGRADUATE COURSES (B.TECH)

Biomedical Engineering	: SOUMYA GUPTA
Biotechnology	: PRATIKSHA SARANGI
Civil Engineering	: AKSHAY KUMAR AGARWAL
Chemical Engineering	: P. LAKSHMI NARAYAN PATRO
Ceramic Engineering	: MITASHA SWAIN
Computer Science and Engineering	: ANAMAY SARKAR
Electronics and Communication Engineering	: A. R. BALALAKSHMI
Electronics and Instrumentation Engineering	: SAVITA BURNWAL
Electrical Engineering	: PRIYANKA CHOUDHARY
Food Process Engineering	: ANKITA NAYAK
Industrial Design	: SUMAN MISHRA
Mechanical Engineering	: KUKKADAPU NISHANTH
Metallurgical and Materials Engineering	: ASHIKA AGRAWAL
Mining Engineering	: ABHAYA KUMAR MISHRA

### 2. B.TECH. & M.TECH. DUAL DEGREE

Transportation Engineering	: NAMAN KUMAR
Water Resources Engineering	: SITAM SUVAM JENA
Chemical Engineering	: SACHIN PANDEY
Industrial Ceramic	: BARSABAISALI PANDA
Computer Science	: C SHWETA
Information Security	: ANMOL DALMIA
VLSI Design and Embedded Systems	: C RANGA SUMIRAN
Communication and Networks	: B SNEHA
Electronic Systems and Communication	: ABHISHEK PISIPATI
Control and Automation	: CHIKOTI AKASH GUPTA
Power Electronics and Drive	: GOURAV PRADHAN
Mechatronics and Automation	: ASIT KUMAR
Metallurgical and Materials Engineering	: SOHAN KUMAR GHOSH
Mining Engineering	: AMAN MISHRA

### 3. POST GRADUATE COURSES

#### M.Tech.

##### *Department and Specialization Topper*

##### **Biotechnology and Medical Engineering**

Specialization : Biomedical Engineering : DEEPANJALI PAVNESH GAUR

Specialization : Biotechnology : DEBADRITA PAUL

##### **Civil Engineering**

Specialization : Geotechnical Engineering : VIKRANT PATEL

Specialization : Structural Engineering : MASULA SRINIVASULU

Specialization : Transportation Engineering : ABHISHEK CHAKRABORTY

Specialization : Water Resources Engineering : PRATEEK KUMAR SINGH

##### **Chemical Engineering**

Specialization : Chemical Engineering : GANGOTREE RAI

Specialization : Safety Engineering : JYOTI SAHU

##### **Ceramic Engineering**

Specialization : Industrial Ceramics : CHAVVA SWETHA

##### **Computer Science Engineering**

Specialization : Computer Science : ARPITA DUTTA

Specialization : Information Security : SUGUMARAN S

Specialization : Software Engineering : ANAND TIRKEY

##### **Electronics and Communication Engineering**

Specialization : Analytics and Decision Sciences : KAUSHIK PAL

Specialization : VLSI Design and Embedded Systems : AKSHDEEPIKA

Specialization : Electronics and Instrumentation Engineering : RAUT SUKHADA ASHOK

Specialization : Communication and Networks : DHRITIMAN DAS

Specialization : Signal and Image Processing : GARGI V PILLAI

##### **Electrical Engineering**

Specialization : Electronic Systems and Communication : M GANESH

Specialization : Control and Automation : JYOTIRMAYA SAHOO

Specialization : Power Electronics and Drives : BISWAJIT SAHOO

Specialization : Industrial Electronics : RAGHAV TOMER

**Industrial Engineering**

Specialization : Industrial Design : ADITYA GUPTA

**Mechanical Engineering**

Specialization : Machine Design and Analysis : SAKTISWARUP MOHAPATRA

Specialization : Production Engineering : MANDAPATI RAVI KUMAR

Specialization : Thermal Engineering : POOJA PATEL

Specialization :Cryogenic and Vacuum Technology : ABEL CHRISTENA FRANCIS

Specialization : Plastics, Composites and Timber Engineering: SUBHRAJIT PRADHAN

**Metallurgical and Materials Engineering**

Specialization : Metallurgical and Materials Engineering : KEVIN JACOB

Specialization : Steel Technology : GAURAV PANDEY

**Mining Engineering**

Specialization : Mining Engineering : JITENDRA KUMAR TRIPATHI

**4. INTEGRATED MASTER OF SCIENCE**

Chemistry : NISHESH KUMAR GUPTA

Mathematics : SACHCHIDANAND PRASAD

Physics : ITESH KUMAR PANDA

**5. MASTER OF SCIENCE**

Chemistry : GUPTA SUCHIT ANAND

Applied Geology : POULOMMI MONDAL

Atmospheric Sciences : ABHISHEK KUMAR JHA

Life Science : SARBARI SAHA

Mathematics : DEBASIS SHARMA

Physics : DEPANSHU VARSHNEY

**6. MASTER OF ARTS**

Development Studies : PALLAVI KANUNGO

## ENDOWMENT AWARDS

### AWARDS

<b>Prof. S. C. Naik Gold Medal</b> (Best Graduate of Chemical Engineering)	: P LAKSHMI NARAYAN PATRO
<b>Snigdhashri Patra Memorial Gold Medal</b> (Best Ph.D.Thesis of 2016-17)	: KUMAR PRASANNAJIT PRADHAN
<b>SauravRanjanKar Memorial Award</b> (Best Graduate of the Institute)	: ANAMAY SARKAR
<b>Pranab Memorial Award</b> (Best Graduate of Mechanical Engineering)	: KUKKADAPU NISANTH
<b>Bhaswati Paul Memorial Award</b> (Best Project on Environment Pollution)	: NAUSHITA SHARMA
<b>Shanta Jain Prize</b> (Best product oriented project)	: ADITYA GUPTA
<b>Bunty Memorial Award</b> (Best Engineering Graduate of the Institute)	: ANAMAY SARKAR
<b>Sugat Kishore Mall Memorial Award</b> (Best Graduate of Electrical Engineering)	: PRIYANKA CHOUDHARY
<b>Prof. Ashok Kumar Mohanty Award</b> (Best Graduate of Metallurgical & Materials Engineering)	: ASHIKA AGRAWAL
<b>Ronak Das Memorial Award</b> (Best Undergraduate Project of Chemical Engineering)	: SAMLESH CHOUDHURY

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 and the student next in the merit will be awarded the medal/prize.)





# *About NIT Rourkela*

## MEMBERS OF BOARD OF GOVERNORS

### Dr. Santrupt B. Misra

Chairperson, BOG, NIT, Rourkela &  
CEO, Carbon Black Business  
Director, Group H.R.  
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Tata Institute of Fundamental Research (TIFR)  
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Mob : 9987260961/ 9892352830  
Email : sharma@tifrr.res.in

### Prof. R V Raja Kumar

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Indian Institute of Technology Bhubaneswar,  
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Email : director.office@iitbbs.ac.in

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Fax : 0674-2391324  
Email : etet.od@nic.in

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### Prof. C. R. Patra

Professor, CE  
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Mob : 9437085492  
Email : crpatra@nitrrkl.ac.in

### Prof. Hrushikesh Naik

Associate Professor, MN  
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Rourkela-769008 (Odisha)  
Tel : 0661-2462603(O)/ 2463603(R)  
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Email : hknaik@nitrrkl.ac.in

### Er. S. K. Upadhyay

Registrar & Secretary, BOG,  
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Fax : 0661-2462022/2472926  
Mobile : 9437153285  
Email : registrar@nitrrkl.ac.in

## MEMBERS OF SENATE, NIT ROURKELA

### A) Director:

- |   |   |                   |
|---|---|-------------------|
| 1. <b>Prof. Animesh Biswas</b> , Director | - | Chairman, Senate  |
| 2. <b>Shri S. K. Upadhyay</b> , Registrar | - | Secretary, Senate |

### B) External:

- |  |   |        |
|--|---|--------|
| 3. <b>Prof. R.K. Mishra</b><br>Dept. of Electronics Science<br>Berhampur University, BhanjaVihar,<br>Berhampur- 760007<br>r.k.mishra@ieee.org                          | - | Member |
| 4. <b>Prof. P.K. Biswas</b><br>Department of E & ECE Engineering<br>IIT, Kharagpur - 721 302<br>pkb@ece.iitkgp.ernet.in  | - | Member |
| 5. <b>Prof. Padmabati Gahan</b><br>Department of Business Administration<br>Sambalpur University, JyotiVihar<br>Sambalpur, Odisha- 768019 (INDIA)<br>pgahan7@gmail.com | - | Member |

### C) Members, Professors of the Institute :

6. Prof.(Mrs) Krishna Parmanik, BM
7. Prof. K.C. Patra, CE
8. Prof. M. Panda, CE
9. Prof. N. Roy, CE
10. Prof. S.P.Singh, CE
11. Prof. S. K. Sahu, CE
12. Prof. C.R. Patra, CE
13. Prof. R. K. Singh, CH
14. Prof. S.K. Rath, CS
15. Prof. S. Bhattacharya, CR
16. Prof. JapeshBera, CR
17. Prof. K.K. Mohapatra, EC
18. Prof. S. Meher, EC
19. Prof. J. K. Satapathy, EE
20. Prof. B. Subudhi, EE
21. Prof. A. K. Panda, EE
22. Prof. G.K.Panda, MA
23. Prof. S. Chakravarty, MA

24. Prof. K. C. Pati, MA
25. Prof. B.K. Nanda, ME
26. Prof. R.K. Sahoo, ME
27. Prof. K.P. Maity, ME
28. Prof. S.S. Mohapatra, ME
29. Prof. D.R.K. Parhi, ME
30. Prof. S. K. Acharya, ME
31. Prof. S.K. Sahoo, ME
32. Prof. B.B. Verma, MM
33. Prof. B.C. Ray, MM
34. Prof. S.C. Mishra, MM
35. Prof. B.K. Pal, MN
36. Prof. S. Jayanthu, MN
37. Prof. D. P. Tripathy, MN
38. Prof. S. Panigrahi, PH

**D) Invitees (Faculties & Officers) :**

39. Prof. M K Gupta, Head, BM
40. Prof. T.K. Dan, Head, EC
41. Prof. S. Sarkar, Head, MM
42. Prof. Ritwik Sarkar, Head, CR
43. Prof. D.P.Mohapatra, Head, CS
44. Prof. N.R.Mishra, Head, HS
45. Prof. Pawan Kumar, Head, PH
46. Prof. Saurav Chatterjee, Head, CY
47. Prof. BibekanandMallick, Head, LS
48. Prof. S.K. Patel, Head, TP
49. Prof. D.Bag, Head, SM
50. Prof. Md. Rajik Khan, ID
51. Prof. Md. Equinnuddin, ER
52. Prof. Basudutta Sarkar, PA
53. Prof. Sabyasachi Mishra, FP
54. Prof. M R Barik, CE
55. Mr. K. P. Panigrahi, Asst. Registrar, Academic(Res.)
56. Mr. Ashis Kumar Behera, Asst. Registrar (UG & PG)

**E) Student Invitees:**

1. Mr. Mitesh Mishra, Roll No.114ME0233 (UG)
2. Mr. Subrat Kr Bhuyan, Roll No.513MM1002(PG&R)

## SUCCESSIVE LIST OF CHAIRPERSONS, BOARD OF GOVERNORS REGIONAL ENGINEERING COLLEGE ROURKELA

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

## NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

		<u>From</u>	<u>To</u>
1	<b>Shri Kanak Vardhan Singh Deo</b> Ministry of Industries & Public Enterprise, Govt. of Odisha	26-06-2002	01-09-2002
2	<b>Dr. Bansidhar Panda</b> Chairman & Managing Director, IMFA Group of Industries, Bhubaneswar	02-09-2002	16-12-2007
3	<b>Shri Drona Rath</b> CMD, MECON LIMITED	17-12-2007	16.12.2010
4	<b>Shri B. S. Sudhir Chandra</b> Director (Project & Planning), Bangalore Metro Rail Corporation Ltd.	01.03.2011	24.11.2014
5	<b>Mrs. Vasantha Ramaswamy</b> Founder Director, Aprameya Associates, Pune	25.11.2014	05.08.2016
6	<b>Dr. Santrupt B. Misra</b> CEO, Carbon Black Business & Director, ABMC Pvt. Ltd.	27.06.2017	continuing

## SUCCESSIVE LIST OF PRINCIPALS

### REGIONAL ENGINEERING COLLEGE, ROURKELA

		<u>From</u>	<u>To</u>
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

		<u>From</u>	<u>To</u>
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
25.	Prof. Debendra Kumar Das	B. Sc. Engg. (1972) Mechanical Engineering	20 January 2018
26.	Shri Dronadeb Rath	B. Sc. Engg. (1971) Mechanical Engineering	20 January 2018
27.	Shri Maheswar Sahu	B. Sc. Engg. (1971) Mechanical Engineering	20 January 2018

## 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 Metallurgical & 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
14	Sri Sagar Kumar	Department of Electrical Engineering	2017

### 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
5	Sri Subhankar Kundu	Chemistry	2017

### Best in Integrated M.Sc

1	Miss Kumari Swarnima	Chemistry	2015
2	Sri Abhinav Mohanty	Chemistry	2016
3	Miss Shanu Kumari	Chemistry	2017

### 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
14	Sri Saswat Ranjan Mishra	Department of Electrical Engineering	2017

### 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
5	Miss Sanjana Tripathy	School of Management	2017

### 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
10	Miss Sonalisa Patel	Department of Industrial Design	2017

# 15<sup>TH</sup> CONVOCATION COMMITTEE

## CORE COMMITTEE

**Prof. A. Biswas**, Director - Chairman

**Prof. K. K. Mahapatra**, Dean(AC)

**Prof. S. Meher**, Dean(AR)

**Prof. B. C. Ray**, Dean (FW)

**Prof. J. Bera**, Dean(PD)

**Prof. A. K. Panda**, Dean (SR)

**Prof. S. Panigrahi**, Dean(SW)

**Prof. M. R. Barik**, Chief Warden

**Er. S. K. Upadhyay**, Registrar

**Prof. B. K. Nanda**, PIC, Convocation & Convener

**Mr. K. P. Panigrahi**, AR (AC-Res.)- Secretary

## DIFFERENT WORKING COMMITTEES

Committee	Convener	Members
<i>Certificates &amp; Awards</i>	<b>Prof. K. K. Mahapatra</b> , Dean (AC)	Prof. S. K. Acharya (ME), Mr. K. P. Panigrahi (AR-Res), Mr. A. K. Behera (AR-UG/PG), Mr. T. K. Sarangi (AC), Mr. M. K. Das (AC), Mr. P. K. Dash (AC), Mr. J. P. Shah (AC), Mr. R. K. Maharana (AC), Mrs. A. Acharya (AC), Mrs. M. J. Toppo (AC), Mrs. A. Beura (AC), Ms. D. Rout (AC), Mrs. D. Pahi (AC)
<i>Medal</i>	<b>Prof. M. Panda</b> (CE)	Prof. R. Khan (ID), Mr. M. N. Anandbabu (AR-IA), Mr. D. P. Tripathy (LB), Mr. T. K. Sarangi (AC), Mr. M. K. Das (AC).
<i>Convocation Dress Procurement</i>	<b>Prof. B. G. Mishra</b> (CY)	Prof. M. R. Tripathy (MA), Prof. (Mrs.) S. Patel (CY), Mr. M. K. Das (AC), Mr. B. K. Panda (IA)
<i>Convocation Dress Distribution</i>	<b>Prof. M. K. Gupta</b> (BM)	Prof. (Mrs.) A. Mandal (CY), Prof. M. N. Sahoo (CS), Mr. B. Behera (OAC), Mr. T. K. Patnaik (OAC), Mr. S. Sarangi(OAC), Mr. P. K. Dash (AC), Mr. R. K. Maharana (AC), Mr. A. Kumar (PH), Mr. T. Meher (FP), Mr. K. C. Sahu (TR), Mr. A. K. Sharma (TR), Mr. D. Kaushal (TR), Mr. M. Sutradhar (WS), Mr. S. Pani (ME), Mr. S. Seth (ME), Mr. U. K. Swain (CH), Mr. S. Pradhan (BM), Ms. C. Kausar (LS), Mrs. P. Jena (SR), Mrs. B. Panda (CS)
<i>Website &amp; Automation</i>	<b>Prof. P. K. Sa</b> (CS)	Mr. M. R. Patnaik (OAC), Mr. B. Behera (OAC), Mr. T. K. Patnaik (OAC), Mr. S. Sarangi(OAC)
<i>Invitation &amp; Hospitality</i>	<b>Er. S. K. Upadhyay</b> , Registrar	Prof. R. K. Patel (CY), Prof. S. K. Behera (CR), Mr. K. K. Sahoo (AR-FA), Mr. U. K. Biswal (AR-SR), Dr. S. Mohanty (GH), Mr. R. S. Singh(ES), Mr. S. K. Moharana (DS), Mrs. R. Patra (RS)
<i>Arrangement for VIPs &amp; Special Invitees</i>	<b>Er. S. K. Upadhyay</b> , Registrar	Mr. P. K. Panda (DR-PW), Mr. K. K. Sahoo (AR-FA), Dr. S. Mohanty (GH), Mr. B. B. Behera (RS), Mr. A. K. Sahu (DS)
<i>Venue Preparation &amp; Sitting Arrangement</i>	<b>Prof. H. B. Sahu</b> (MN) & <b>Prof. A. K. Turuk</b> (CS)	Prof. P. Sarkar (CE), Prof. P. Dash (CY), Prof. M. Okade (EC), Prof. (Mrs.) S. Mishra (PH), Dr. P. K. Rout (SAC), Dr. T. R. Patnaik (SAC), Mr. J. Mandal (EM), Mr. N. N. Nayak (SAC)
<i>Arrangement for Degree Awardees</i>	<b>Prof. S. K. Pratihari</b> (CR)	Prof. P. K. Ray (EE), Prof. V. Shivkumar (CY), Prof. R. Dash (CS), Prof. S. K. Panda (ME), Prof. R. N. Behera (CE), Prof. A. K. Sahoo (EC)
<i>Academic Procession</i>	<b>Prof. S. K. Sahu</b> (CE)	Prof. G. Hota (CY), Prof. S. Datta (ME), Prof. K. Sathyababu (CS)
<i>Publication</i>	<b>Prof. K. B. Mohanty</b> (EE)	Prof. N. R. Mishra (HS), Prof. S. K. Behera (CR), Prof. A. K. Rath (HS), Dr. B. Gunjal (DL)
<i>Press &amp; Public Relation</i>	<b>Prof. K. K. Mahapatra</b> (EC)	Mr. B. Acharya (DR-ES), Prof. A. K. Rath (HS)
<i>Campus Cleanliness &amp; Hygiene</i>	<b>Prof. D. Behera</b> (PH)	Prof. R. Dhiman (LS), Prof. (Mrs.) V. Negi (LS), Prof. (Mrs.) S. Mahapatra (CY), Prof. S. Samal (CY), Mr. R. Panda (LG)
<i>Audio &amp; Video Recording, Live Telecast</i>	<b>Prof. C. K. Biswas</b> (ME) & <b>Prof. M. K. Maharana</b> (ME)	Prof. R. K. Mohapatra (CS), Mr. P. Kumar (TEL), Mr. H. Das (TEL), Mr. A. Biswal (TEL), Mr. U. C. Pati (TEL), Mr. A. K. Mohanta (TEL)
<i>Safety &amp; Security</i>	<b>Prof. U. K. Mishra</b> (CE)	Prof. V. Shivkumar (CY), Prof. Arvind Kumar (CH), Mr. S. Dutta, (OSD-SS)
<i>Transport &amp; Ambulance</i>	<b>Prof. A. Satapathy</b> (ME)	Dr. S. Mohanty (GH), Mr. F. C. Chhattoi (CW)
<i>Electricity &amp; AC/Fan</i>	<b>Prof. S. Murugan</b> (ME)	Prof. S. Karmakar (EE), Mr. J. Mandal (EM), Mr. R. K. Sahoo (EM), Mr. P. K. Sahu (EM), Mr. S. Pradhan (EM), Mr. G. Mohanta(SAC).
<i>Telephone</i>	<b>Prof. S. Deshmukh</b> (EC)	Mr. B. K. Behera (TL), Mr. T. K. Das (TL)
<i>Health Care</i>	<b>Dr. C. Bhattacharya</b> (HC)	Dr. A. Debata (HC), Dr. S. Patnaik (HC)
<i>Lunch</i>	<b>Prof. S. Mishra</b> (FP)	Prof. S. Das (LS), Prof. P. Mahanandia (PH), Prof. R. C. Pradhan (FP), Dr. T. R. Patnaik (SAS), Mr. M. K. Patnaik (CC), Mr. P. P. K. Patro (EC), Mr. P. B. Acharya (ES)
<i>Pre-Convocation Evening Function</i>	<b>Prof. S. Meher</b> , Dean (AR)	Prof. D. Choudhury (MA), Dr. S. S. Bal (CIF), Mr. N. N. Nayak (SAS), Mr. T. K. Sarangi (AC), Mr. M. K. Patnaik (CC), Mr. G. Mohanta (SAC)

## PREVIOUS CONVOCATIONS

<b><u>Convocation</u></b>	<b>Date</b>	<b>Chief Guest</b>
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	January 17, 2015	Padma Shri Dr. Srikumar Banerjee
Annual Convocation - XIII	January 16, 2016	Shri Karan Grover
Annual Convocation-XIV	January 21, 2017	Padma Shri A. S. Kiran Kumar



# GLIMPSES OF 14TH CONVOCATION





# CONVOCATION

**राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला**  
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