SECOND CONVOCATION

2004

National Institute of Technology
Rourkela

PROGRAMME

10.00 hrs : Academic Procession Arrives (All present may kindly rise)

10.02 hrs : Invocation

10.05 hrs : Convocation declared open by the Chairman, Board of Governors

10.06 hrs : Welcome address and presentation of report by the Director

10.36 hrs : Award of Degrees

11.10 hrs : Presentation of Medals and Prizes

11.20 hrs : Taking of Pledge by the Degree Recipients

11.25 hrs : Address by the Chairman, Board of Governors

11.40 hrs : Convocation Address by the Chief Guest

12.10 hrs : Convocation declared closed by the Chairman, Board of Governors

12.11 hrs : National Anthem (All present may kindly rise)

12.12 hrs : Academic Procession leaves (All present may kindly rise)

VENUE : AUDIO VISUAL HALL

SECOND CONVOCATION - 2004

DECEMBER 11, 2004

NATIONAL INSTITUTE OF TECHNOLOGY

ROURKELA

CHIEF GUEST

SECOND CONVOCATION 2004

Dr. Anil Kakodkar

Chairman, Atomic Energy Commission and
Secretary, Department of Atomic Energy, Government of India

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Dr. Anil Kakodkar (born on 11th November, 1943) joined the Bhabha Atomic Research Centre (BARC) in 1964, following the one year post graduate training with top rank in Nuclear Science and Technology in the then Atomic Energy Establishment. He became the Director of BARC in the year 1996 and took over as the Chairman, Atomic Energy Commission and Secretary to the Government of India, Department of Atomic Energy, in the year 2000.

Dr. Kakodkar obtained his BE (Mech. Engineering) degree from the Bombay University in 1963 and M. Sc. in the Experimental Stress Analysis from the Nottingham University in 1969.

Dr. Kakodkar's professional career is primarily involved with the research and development work related to nuclear reactors. Dr. Kakodkar's decades of dedication and pioneering efforts

in indigenous development of a large number of critical systems of Indian Pressurised Heavy Water Reactors, his contribution to safety related research and his piloting of several new state-of-art technologies for this reactor system have significantly contributed to our self reliant capability in the area of nuclear power reactors. He was among the chosen few involved in the first successful Peaceful Nuclear Explosion Experiment that India conducted on May 18, 1974 at Pokhran. And later, he played a key role in the series of successful Nuclear Tests conducted during May 1998, again at Pokhran.

He played a key role in design and construction of Dhruva reactor, the 100 MW high flux reactor, a completely original concept which has made this reactor, one of the most powerful systems of its type and where several new technologies related to electron beam welding, reactive material fabrication and dissimilar metal joints have been deployed on a large scale for the first time. His work in rehabilitation of both reactor units at Kalpakkam and Unit 1 at Rajasthan, all of which at one stage appeared to be on the verge of being written off are important examples of his engineering capability to solve difficult problems.

Indian atomic energy programme has seen several new initiatives under Dr. Kakodkar's leadership. These include several new projects for augmentation of nuclear power capacity, augmentation of Uranium and Zirconium production capacity and launching of first commercial Fast Breeder Reactor. These initiatives would take the power generation capacity from the current level of 2720 MWe to around 7300 MWe besides considerable enhancement of energy potential of available uranium through the use of Fast Breeder Reactors.

Deployment of technologies for better quality of life of our people has received considerable boost under Dr. Kakodkar's leadership. Besides energy, these cover radiation processing of food and agro-products, agriculture with emphasis on oilseeds and pulses, healthcare particularly involving cancer, urban and rural waste management and desalination of water.

Strengthening and broad-basing of Research-Education as well as Research-Technology linkages through collaborative research programmes with academic and research institutions has been another important initiative taken by Dr. Kakodkar. This has added new dimension to higher education in areas of interest to DAE with assured career opportunities for students.

Dr. Kakodkar continues to be actively involved in programmes related to augmentation of thorium utilization in our nuclear power programme and leads the team engaged in the design of the Advanced Heavy Water Reactor. He has created a roadmap for shaping the third stage of India's nuclear power programme aimed at tapping vast energy potential of our thorium resources not only as source for electricity production but also as a primary energy source. A number of new technology areas such as accelerator driven systems, high temperature reactors, materials and recycle technology etc. have been nucleated for this purpose. He has, over the years, built competent teams of highly specialised scientists and engineers in the reactor engineering programme. He has brought out more than 250 scientific papers and reports on various aspects of his work.

Major Honours and Awards

National:

Dr. Kakodkar is the recipient of G.M. Modi Innovative Science & Technology Award (2004), Hari Om Ashram Prerit Vikram Sarabhai Award (1988), MRSI-ICSC Superconductivity and Materials Science Annual Prize (1997), H.K. Firodia Award for Excellence in Science & Technology (1997), FICCI Award (1997-98) for outstanding contribution to Nuclear Engineering & Technology, ANACON-1998 Life Time Achievement Award for Nuclear Sciences, NAFEN's Excellence Award (Best R&D Man) 1998, The Indian Science Congress Association H.J. Bhabha Memorial Award (1999-2000), Shriram Scientific and Industrial Research Foundation Golden Jubilee Award for outstanding contributions to Indian Technology (2000), "Godavari Gaurav" award (2000), National Citizen's award (2001), Nayudamma Award (2002), Chemtech Foundation Achiever of the Year Award for Energy (2002), Madhya Pradesh Swatantratha Senani Uttaradhikari Sangathan's Shahid Asif Shahmiri Rashtriya Samman (2004), Doctor of Science (Honoris Causa) of University of Mangalore, Doctor of Letters (Honoris Causa) of Shivaji University, Doctor of Science (Honoris Causa) of Guru Nanak Dev University, Padma Shri (1998) and Padma Bhushan (1999).

Dr. Kakodkar is a Fellow of Indian National Academy of Engineering (was its President during 1999-2000), Indian Academy of Sciences, The National Academy of Sciences, India, Maharashtra Academy of Sciences, Honorary Fellow of Indian Institute of Technology, Bombay and was the Founder Secretary of Indian Nuclear Society.

International:

Recipient of Rockwell Medal for Excellence in Technology (1997)

Member, International Nuclear Energy Academy

Honorary Member, World Innovation Foundation

Member, Council of Advisers of World Nuclear Association

Dr. Kakodkar was a member of International Nuclear Safety Advisory Group (INSAG) during 1999-2002

NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA

CONVOCATION ADDRESS

ANIL KAKODKAR

Chairman, Atomic Energy Commission &
Secretary to Government of India, Department of Atomic Energy

Dr. B. Panda, Chairman of the Board of Governors, Prof S.K. Sarangi, Director NIT, members of the Senate, members of the Faculty, students especially those graduating today, ladies and gentlemen.

I feel privileged to be here on the occasion of the 2nd Convocation of the NIT, Rourkela. NITs, which have evolved from Regional Engineering Colleges, are emerging as centres of excellence in technological education and research. Established in 1961, this Institute has established a name for itself in the country. I congratulate the young graduates, who are now joining their distinguished senior alumni. My special compliments to those who have been specially recognized for their achievements.

I have spent my entire career in the Department of Atomic Energy, where we are continuously engaged in translating the results of research into deployment of technologies for the benefit of society. I have chosen to talk about this today, because in my view, young engineers must engage themselves in development of new and innovative technologies based on new research insights.

I will do so in the energy context because of my background and also because energy issues are very important in Indian context. Institutions like NIT, dedicated towards education and research, can provide the most conducive environment for such work at the cutting edge of technology.

The world's population crossed 6 billion marks in the year 1999. Most current estimates suggest that around 2 billion people will be added over the next 30 years with another billion in the following 20 years. The two factors namely, rise in living standards and the increase in the world's population are rapidly depleting the energy resources within the earth and producing vast amounts of waste products particularly when energy is produced using fossil fuels. That means the situation has come to pass where humankind can no longer afford to make unmindful use of resources.

Stabilisation of population at as low a figure as possible is a crucial issue. When we visualize what the world may look like with 9 billion people, it becomes clear that the challenge of enhancing standard of living of the larger fraction of poor and underdeveloped societies would require out-of-box thinking. We cannot afford to harm Mother Earth including the environment anymore.

Nuclear technology is an option, which can provide a million fold increase in energy per unit of mass extracted from the earth in an environmentally benign manner. Access to such large energy with minimum use of earth resources and negligible or minimum adverse impact on earth's environment is the challenge

before the Technological community. I believe, we have reached a point where we need such quantum jump solutions in several areas without which maintenance of life sustainability itself would be under threat.

At the present stage of development, however, no single energy resource or technology constitutes a panacea to address all issues related to availability of fuel supplies, environmental impact particularly climate change, and health externalities. Therefore, it is necessary that all non-carbon emitting resources become an integral part of an energy mix – as diversified as possible – to-ensure energy security to the world during the present century. Available sources are low carbon fossil fuels, renewable and nuclear energy and all these should be subject of increased level of research, development, demonstration and deployment.

Forecasts by several agencies point towards a robust GDP growth in India over the next three to five decades. A group in DAE has studied available information on GDP growth forecasts, population growth, trends with regard to energy-elasticity and electricity intensity of industries and has developed a scenario for growth of electricity. It forecasts that electricity generation will grow at 6.3% per yr in the coming two decades and will continue to grow till the middle of the century, though at somewhat decreased rates. Even after five decades, per capita electricity generation would reach only about 5300 kWh per year with a total generation of about 8000 billion kWh. It may be recalled that historical electricity growth rates during 1981- 2000 was 7.8% per yr.

From the perspective of fuel resource position, one has to examine cumulative resource expenditure. According to our study cumulative resource expenditure will be about 2400 EJ by 2052. The ratio of thermal equivalent of electrical energy to the primary commercial energy will rise from about 57% in the year 2002-03 to about 65% in the year 2052-53.

Power generation in India which was only 4.1 billion kWh in 1947-48 increased to more than 600 billion kWh in 2002-03. Considering the past record, the future economy growth scenario and likely boost to captive power plant sector as a result of changes arising due to Electricity Act 2003, the target of generating about 8000 billion kWh per year by 2052 is achievable. The study brings out several important conclusions with regard to fuel resource position and the role nuclear energy has to play in India during the next five decades.

The essential conclusions are that considering our uranium resources and physics characteristics of metallic fuel based fast reactors, nuclear energy can contribute about 25% of electricity requirements by the middle of the century. Even after tapping full potential of hydro and other renewable energy resources, it would be necessary to meet a significant portion of the demand from fossil fuels. Considering our fossil resources and their projected usage, these will get exhausted by the middle of the century unless additional resources are found.

It is, therefore, necessary to ensure that nuclear generation through fast breeder reactors and thorium-fuelled reactors is poised to replace coal based generation after 2050.

In this context, let me talk about the status of the nuclear power programme as it exists today. At present, Pressurized Heavy Water Reactors (PHWR) form the mainstay of our nuclear programme and we have 12 such reactors in operation and six under construction, which include indigenously designed and developed 540 MWe units under construction at Tarapur. The designs of these reactors have progressively evolved taking into account the needs for indigenization, our own operating experience, operating experience in PHWRs outside the country and progressive evolution of enhanced safety features. As India gains experience and masters various aspects of the nuclear technology, performance of operating plants has progressively improved to a level of world class excellence. The Nuclear Power Corporation of India Limited (NPCIL) has accumulated about 220 reactor-years of operational experience free of any serious incident involving release of radioactivity to the environment. Nuclear power technology in India has thus reached a state of maturity and the Department of Atomic Energy continues to take steps to further its development. These steps are aimed at further improving the safety and availability of operating stations, reducing the gestation period of plants under construction by using innovative management techniques, cost optimization and development of new reactor systems.

In percentage terms, nuclear power contributes only about 3% of India's total electricity generation, but it signifies the fact that India has the technology base on which it can build further to provide long term energy security. India's modest reserves of uranium can support about 10 GWe of PHWRs and in around four years from now, NPCIL would have established an installed capacity of around 4.5 GWe with PHWRs. Another 2.32 GWe would come from light water reactors making a total of around 6.8 GWe as against the present capacity of 2.77 GWe.

Simultaneously, India is pursuing the fast reactor programme and in September 2003, the Government of India approved construction of a 500 MWe Prototype Fast Breeder Reactor (PFBR) at Kalpakkam. Hon'ble Prime Minister of India visited Kalpakkam on 23rd October, 2004 to participate in a function marking Golden Jubilee of the Department of Atomic Energy and said, "Our nuclear programme takes a major step forward today with launching of the commercial phase of the fast breeder programme. This is an occasion to celebrate and also to reflect on our past achievements and also to look to the future with hope, courage and confidence. The progresses during past 50 years have made us proud".

Construction of the fast breeder programme will open up a vast source of energy for the development of the country. It also reflects the fact that Indian scientists and engineers have mastered the reprocessing technology to a stage where they feel confident about taking the bold step of launching the fast breeder programme on an industrial scale. It may be recalled that India has a 40 MWt

Fast Breeder Test Reactor (FBTR) operating since 1985. FBTR is powered by a unique mixed carbide fuel, which has already undergone a burn up of 123,000 MWd/tonne. Experience with reprocessing of carbide fuel from FBTR is also very encouraging. The experience of operating the FBTR has given us the confidence of thinking about a very large programme based on fast breeder reactor technology.

Our strategy for fast breeder reactors would involve setting up of mixed oxide based Fast Breeder Reactors in the early phase to be followed by metallic fuelled Fast Reactors which would enable shorter doubling time. All these developments provide challenging assignments to the scientists and engineers working in the Department of Atomic Energy and other research institutions of the country. I can say with some degree of confidence that developments in nuclear energy technology in India are comparable to similar developments anywhere in the world. Rather in view of our fuel resource position, fast growing economy and the fact that we have a large necessity – availability gap in terms of energy, the research efforts needed to provide energy security in India have no parallel in the world. This is what is propelling us in DAE to nurture a strong and independent energy technology development programme.

There are several other areas of development which are also being pursued with a long-term focus. Advanced Heavy Water Reactor for utilization of our abundant Thorium resources, High temperature Reactor systems to enable use of nuclear energy for production of hydrogen in addition to electricity and desalination

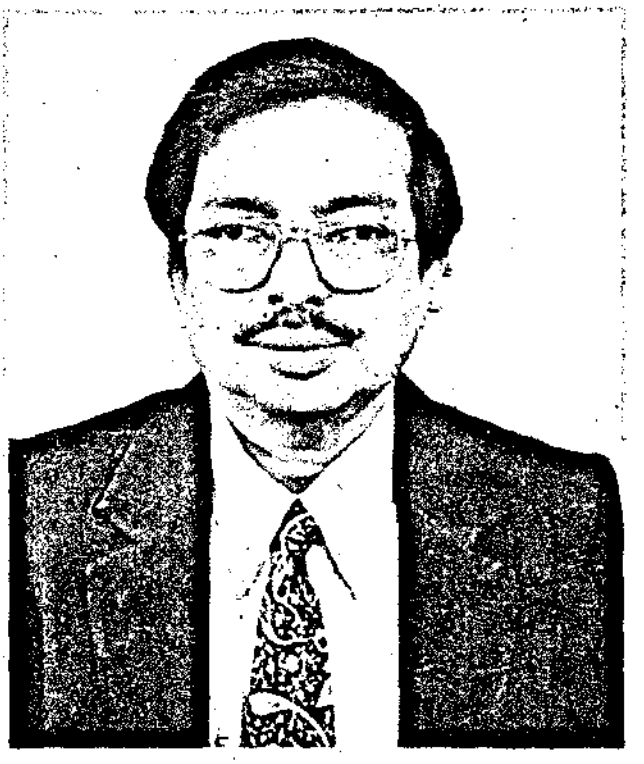
of sea water, accelerator-driven systems to enable growth of power capacity with Thorium systems and of course the fusion energy technologies are some of the important dimensions of this effort.

I must stop here. What I have said in the context of energy is also valid in a more general sense to other areas of our needs. We, the technologists, have to find solutions that make a big difference to the living standards of billions of under-privileged without compromising sustainability and the environment around us. That is the challenge we all must meet on the basis of what we have learnt, the skills we have acquired and our further work in respective technological areas.

My best compliments to the young students graduating today. May all your dreams be realized on the basis of your hard work and the capabilities you have acquired in this Institute. I do hope that in the existing highly competitive environment, you would be successful and make all of us, your parents, your teachers, your friends, your Institute and above all your country proud of your achievements. I also do hope that you would maintain in you a spirit of trusteeship and while you rise higher, contribute in whatever you can, to your roots, to the society and the country where you grew up and the Institutions that prepared you to raise higher. Good Luck to you all.

THANK YOU

Dr. Bansidhar Panda
Chairman, Board of Governors



Dr. Sunil Kumar Sarangi
Director

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

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NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

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DIRECTOR'S REPORT

Dr. Anil Kakodkar, Chairman, Atomic Energy Commission, Secretary to the Government of India, Department of Atomic Energy and Chief Guest of this event, Dr. Bansidhar Panda, Chairman, Board of Governors, Members of the Board of Governors, Members of the Senate, Distinguished Guests, Colleagues, Degree recipients, Students and Staff of this Institute, Representatives of the Electronic and Print Media, Ladies and Gentlemen.

It is my proud privilege and honour to welcome you all to the Second Annual Convocation of the National Institute of Technology, Rourkela. We are proud to have amongst us Dr. Anil Kakodkar, Chairman, Atomic Energy Commission and Secretary to the Government of India, Department of Atomic Energy, one of the finest nuclear technologists of our time. Dr. Kakodkar is known for his role in the design and construction of Dhruva the 100 MW high flux reactor, which was a completely original concept and where many innovative technologies were deployed on a large scale for the first time. Decades of dedication and pioneering efforts in indigenous development of a large number of critical systems of the Pressurised Heavy Water Reactor, safety-related research and piloting of state-of-art technologies for such reactor systems by Dr. Kakodkar have significantly contributed to India's self-reliance in the area of nuclear power reactors.

It is also my pleasure to welcome Dr. Bansidhar Panda, our beloved chairman of the BOG to this landmark event. If our Institute has made visible progress not only in academics, but also in infrastructure, administration and student activities, we owe it to the inspiration of our Chairman, Dr. Panda. Dr. Panda is a visionary and has played a valuable role in the industrial resurgence of Orissa for more than four decades. We expect that the institute will scale new heights of glory and recognition with the association of such an eminent personality.

No word of mine will be enough to describe the invaluable contribution these two luminaries have made to the technical progress of our nation. We are indeed fortunate to have them with us today. With this brief introduction of the two very distinguished guests, I take the liberty of presenting before you the highlights of institute activities during the last one year.

The NIT - As It Stands:

As you are aware, the Regional Engineering College, Rourkela, was upgraded to National Institute of Technology with Deemed to be University status on 26th June 2002. Since then, several major reforms have been adopted by the institute to improve academic standards and to streamline the entire academic process from admission to evaluation. Among them is conversion from marks based system to the modern grade based evaluation, restructuring

of course credits of the B. Tech, M. Tech and MCA programmes, and strengthening of the postgraduate programmes. The grade system will be introduced for the M. Sc. programme from the next academic session. We are now working towards a fully restructured B Tech programme which is comparable in content with those of most advanced engineering institutes in India and abroad. The present batch of first year students are already in the new system. We have also introduced continuous student evaluation system and are working on a course feedback system by the students.

The Institute offers regular M. Tech programmes in most of the departments. The M Tech programme on Telematics offered by the Department of Electronics and Communication Engineering, which used to be a self financed course till recently, has now been converted to a regular programme with scholarship. A new programme - M. Tech by Research has been put in operation with a view to promote research activity throughout the institute and postgraduate education in areas where it is not feasible to offer a full fledged M Tech programme.

Absence of adequate financial assistance to postgraduate and research students in the form of fellowships limits the number of students pursuing higher degrees. Still, many bright students have opted to pursue postgraduate and doctoral programmes at NIT Rourkela. This number will increase significantly and the research environment of the institute will receive a boost when we obtain the Government's approval to award research scholarships to deserving students.

A number of new M. Tech programmes have been proposed by different departments. They include M. Tech in Biochemical Engineering and Biotechnology offered by the Department of Chemical Engineering, M. Tech in Ceramic Technology offered by Department of Ceramic Engineering and M. Tech in Thermal Engineering offered by Department of Mechanical Engineering. The institute is being considered for award of World Bank support under the TEQIP programme. This support will help to significantly improve the existing infrastructural facilities. As a part of this programme, we propose to construct a new Lecture Hall Complex which will ease the present space problem and address to the increased expectation of the academic community. The working environment across the departments has been reshaped with a view to providing a transparent and efficient administrative system. The process is expected to improve further with introduction of a new office automation system which we are working on.

Research and Development Activities:

Research and consultancy work of both basic and applied nature have been regularly and persistently carried out by the faculty of the Institute. Traditionally, faculty members of the

institute have received financial support from MHRD and AICTE. During the last year, apart from MHRD and AICTE, funds have also been received from DST and DAE. Several proposals from our faculty colleagues are under review by major national funding authorities. A major project funded by the DST under the Khadi and Village Industries Corporation (KVIC) has helped the Institute work towards the development of technologies for the rural poor, particularly in the tribal belt where we are located. The Department of Science & Technology has also sanctioned major funding to the Departments of Mechanical, Chemical, Civil, Mining and Electronics & Communication Engineering under the FIST programme. The fund is being utilized for up-gradation of research facilities of the departments. A proposal for up-gradation of laboratory facilities in the Departments of Ceramic, Chemical and Mechanical Engineering is in an advanced stage of consideration in the Ministry of HRD. Most of our departments are poised for radical change in infrastructure facility to meet the demands of a modern technological institution.

In order to promote research activity by the students, the Institute has enhanced the associated course credit and has instituted a procedure for liberal financial support. From this year onwards the Institute will be awarding a Gold Medal to the best B. Tech Project. I am happy to announce that the first Best B. Tech. Project award goes to Sri Pratik Kumar Ray, Sri Tanmoy Bera, Sri Rajiv Ranjan, Sri Abhishek Bhusan and Kumari Sonia Vadhera of the Metallurgical and Materials Engineering Department. I congratulate the candidates, their supervisor Prof. B. C. Roy and Shri Rajesh Pattnaik the technician associated with the project.

Academic Reforms:

During the past one year, we have introduced a new and flexible academic system that is comparable to that in the best engineering Institutes in India and abroad. Some of the key features of the new system are reduced student contact hours giving them more time for self learning, greater emphasis on project work, continuous evaluation of performance, introduction of new and innovative courses by faculty and a student feedback system on courses. Each programme is a judicious mixture of compulsory and optional subjects, the latter being opted either from within the department or outside. Student intake in many undergraduate and postgraduate courses is being rationalised to reflect the market demand and more optimum utilisation of resources. Proposals for raising the intake strength in Computer Science & Engineering as well as in Electronics and Communication Engineering are under active consideration of higher authorities.

Our central library is shaping into a modern facility. Many recent and new books, periodicals both current and back volumes, have been added to the collection. The entire book and periodical catalogue, as well as the circulation system have been computerised with introduction of optical bar coding and use of the Libsys software.

Qualified graduates and postgraduates with skills not only in the specialised professional subjects, but also in broad areas of computer software and industrial management are the products of this Institute. We have always strived towards finding the proper market for this product through campus and off campus recruitment drives. The Training & Placement Unit of the Institute performs this task under the guidance of the Professor in-charge. Our Institute has a good track record of student placement. I am proud to say that our graduates and postgraduates are highly rated and respected in both core and software industry. This year, till date, a total of 18 companies including big names such as Infosys, Wipro, CTS, DRDO, IBM, Polaris and Sterlite Group of Industries have visited our institute for campus recruitment. I am happy to inform you that two hundred twenty four students have already been placed in reputed organizations and more are expected to be placed in the coming months. We are looking forward for achieving a near total placement of our students before they graduate.

The New Computing Infrastructure:

With a liberal plan grant from the Government, we have substantially improved the equipment infrastructure in the Institute. I take special pride in highlighting the quantum jump in the computational capabilities. Every faculty member has been given a high end PC on his desk for research and communication. Every department has been given a computer laboratory of proportionate size for student use. In addition, the Central Computer Centre has built two large computing halls which can accommodate nearly hundred fifty students. All the facilities are open round the clock, depending on the need of usage. Each hall of residence have been provided with a set of thirty thin clients connected to servers located in the Computer Centre to meet the academic demands of the students. These intelligent thin clients are provided with embedded Windows - XP operating system and are connected to the servers through high speed optical fibres.

All computers in the academic area, halls of residence and guest houses have been connected in a local area network by a high speed (100MBps) optical fibre backbone and a set of very high speed (up to gigabit per second) switches distributed around the campus. The server infrastructure consists of nearly 15 servers, each with multiple Xeon processors, Storage Across Network (SAN) and Network Attached Storage (NAS), one Terra Byte of Fibre channel storage and Ultrium tape drive of 4 tera-Byte capacity. This composite infrastructure provides central storage and high speed computing facility to the students and the faculty. The institute has also procured Microsoft Site License for MS Windows XP desktop operating system, MS office XP and MS Visual Studio. In addition, we have set up site licence for basic technical software such as MATLAB, Autodesk Mechanical desktop, Fluent CFD package, and many more.

The institute is connected to the outside world through a 2Mbps dedicated Internet link from the STPI Rourkela which operates round the clock. This link has helped us to provide uninterrupted Internet facility to all students, faculty and staff. We are in the process of upgrading it to a 4 Mbps link in the short run and propose to double it further when the demand picks up. The internet connection also helps the outside world get access to our Institute through our Internet web site.

In addition to the state of the art computer network, the internal communication system of the institute has been improved through installation of a modern telephone network. A 1200-line Siemens telephone exchange and connections to all faculty desks, laboratories, halls of residence and faculty residence have created a truly integrated campus. Direct Inward Dialling (Level DID) has been implemented for easy access from outside.

Conferences, Seminars and Workshops:

The institute had the honour of hosting several conferences, seminars, workshops and short term courses during the year, which helped us share and disseminate professional knowledge and research findings. These activities brought together industry; academia and research organizations to a common platform where ideas and results of research were exchanged and new ideas were born.

The national seminar on "Emerging Technologies for Sustainable Environment in Chemical and Allied Industries" was organized by the Department of Chemical Engineering in October 2004. The Department of Civil Engineering is offering a series of training programmes for the field engineers of the state highway department under Prime Minister's Gramya Sarak Yojana. The national seminar on "Recent Advances in Power Signal Processing and Control" organised by the Department of Electrical Engineering attracted the most distinguished academicians and professional engineers from across the country. The Department of Chemistry organized the National Seminar on Pragmatic Management of Industrial Pollution. Major conferences have also been announced by the Departments of Humanities and Social Sciences, and by Mechanical, Civil and Mining Engineering. In addition to the major conferences, the Institute has an active seminar programme under which eminent scientists and social thinkers from across the country have lectured to our faculty and students.

In summer 2004, the Department of Electronics and Instrumentation Engineering offered a short term course on VLSI Design bringing NIT Rourkela prominently on the Continuing Engineering Education map of the country. This was followed by the Department of Mechanical Engineering which offered two short term courses to participants from industry and academia respectively - one on Refrigeration Engineering given to engineers of Rourkela Steel Plant and the other on Recent Trends in Industrial Tribology and Maintenance to engineering

college teachers. I am proud to say that our Institute has instituted one of the most modern and comprehensive set of continuing education rules in the country and we are looking forward to making a strong impact in the area of continuing and distance engineering education.

Campus Development:

The conversion of REC to NIT saw the campus receive a new look with regard to security, cleanliness, hygiene and beautification. Thanks to the dedicated work by the entire campus community, the campus, particularly the academic area now have green lawns, gardens and flowers. The demand of electricity in the academic as well as residential areas has increased over the fast few years. In order to overcome the problem of power shortage, new transformers have been procured, overhead lines are giving way to underground cables and the state electricity authorities have been approached for improving the quality of power supplied. The student hostels have also received a face lift. The work of renovating the kitchens in line with that done for Hall -1 earlier has been taken up. I am happy to announce that, the Institute has started work on the construction of a new 400-seater hostel for boys which shall pave the way for enhancement of student capacity. The Guest House and Visitors' House are also poised for major renovation and enhancement of capacity. I can assure the distinguished guests of today's function better hospitality during the third convocation of NIT.

Student Activity:

The students of NIT Rourkela have been known for excellence in extra-academic activities. The Student Activity Centre has been revitalised by adoption of a new constitution, which has helped create a congenial atmosphere among the student community and has provided a platform to bring out latent talent among the students. The Technical Cell of the Student Activity Centre has coordinated the 2nd National Level Student Seminar (CONFLUENCE 2004) involving all the departments during November 5 - 7, 2004. Students from far off Institutes actively participated in the seminars, technical games and model and software contests. We also had the rare opportunity of receiving the blessings of Guru Sri Sri Ravisankar on that occasion. Other major events include the forthcoming Spring Cultural Festival and the Annual Sports Meet. The sports activities have received a boost on renovation of the tennis and basketball courts.

Our students have participated in various cultural and technical events and competitions organised by sister institutions. The institute football team participated in the Inter NIT Football Tournament held at NIT Durgapur and won the Runners up prize. I congratulate all our students for their achievement and wish them success in technical, sports and cultural events during the years to come.

MEDALS AND AWARDS

INSTITUTE GOLD MEDALS

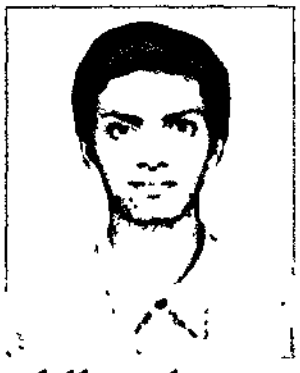
BEST POST GRADUATE (M. TECH)

Sabita Dash
Department of Civil Engineering

BEST GRADUATE (B. TECH)

Gyaneswari Padhy
Department of Civil Engineering

PROF. BHUBANESWAR BEHERA GOLD MEDAL
FOR BEST ALL-ROUNDER OF OUTGOING BATCH OF 2004



Siddharth Nair
Department of Electrical Engineering

Graduates of the Year:

In a short while from now, I will have the pleasure of conferring the degrees on 355 B. Tech, 68 M. Tech, 27 MCA and 31 M. Sc. students. I will be happy to announce the recipients of 34 different medals and prizes for excellence in various academic programmes. I personally congratulate the two Institute Gold Medalists: Miss Gyaneswari Padhy, the Best Graduate of the year and Miss Sabita Dash, the Best Post Graduate. I also congratulate Sri Siddahrth Nair, a graduate in Electrical Engineering, who has been conferred the coveted Professor Bhubaneswar Behera Gold Medal for the Best All-rounder of 2004 batch. My special greetings go to Sri Pratik Roy and his team for the first Institute gold medal for the best B Tech project. I congratulate winners of the silver medals and all the graduating students on the successful completion of their mission of obtaining a well deserved degree from this wonderful Institute. I share this moment of joy and pride with the parents of our graduates; your child is a special person who has proven his or her worth by earning a degree from this prestigious institution. This degree, however, confers on him a special responsibility to lead the nation on the path of progress. We shall all be looking forward to his achievement in future.

The students graduating this year are a special lot. They are entering the job market when our country is poised for quantum growth in technological capabilities and industrial output. Unlike many of their predecessors they will face global competition. They will play a significant role in the industrial scenario of not only our nation but of the whole world. They will have to perform a multitude of tasks at their workplaces which they were not taught in institute. To remain competitive they will have to continuously learn new skills and invent new techniques. I am confident that our students will certainly stand up to this challenge and do their bit in creating the new India. Let me close with a short quotation from the famous book Future Shock by Alvin Toffler

"The illiterates of tomorrow are not those who can not read and write, but those who can not learn, unlearn and relearn."

JAI HIND

INSTITUTE GOLD MEDALS FOR THE BEST B. TECH. PROJECT FOR THE YEAR 2004

Pratik Kumar Ray

Tanmay Bera

Kumari Sonia Vadhera

Abhishek Bhushan

Rajiv Ranjan

INSTITUTE SILVER MEDALS

1. UNDERGRADUATE COURSES (B. TECH.)

Ceramic Engineering	:	SHISHIR KUMAR NAIK
Chemical Engineering	:	BIJAY KUMAR BARIK
Civil Engineering	:	GYANESWARI PADHY
Computer Science and Engineering	:	UTSAV GOSWAMI
Electrical Engineering	:	SHIKHA JAIN
Electronics and Instrumentation Engineering	:	RADHEY SHYAM VARSHNEY
Mechanical Engineering	:	SANTOSH MISHRA
Metallurgical and Materials Engineering	:	PRATIK KUMAR RAY
Mining Engineering	:	PRAMOD KUMAR BEHERA

2. POSTGRADUATE COURSES:

* M. TECH.

Chemical Engineering	:	BITRA DURGA MAHESH
Civil Engineering (Structural)	:	SABITA DASH
Civil Engineering (Soil Mechanics & Foundation)	:	PRABIN KUMAR PANDA
Computer Science & Engineering	:	GOUR CHANDRA MISHRA
Electrical Engineering	:	GOGINENI ARUNKUMAR
Electronics & Instrumentation Engineering	:	PINKI MISHRA
Mechanical Engineering	:	ASHOK KUMAR JENA
Metallurgical & Materials Engineering	:	SAGARIKA JENA

* M. C. A.

: SRIKANTA SINHA

* M. Sc.

Chemistry	:	MAHAMUDUR ISLAM
Mathematics	:	HARPRIT SINGH
Physics	:	NAMITA SAHU

ENDOWMENT MEDALS AND AWARDS

1.	**ISTAM MEDAL** (Best Graduate of the Institute)	:	GYANESWARI PADHY
2.	**SAURAV RANJAN KAR MEMORIAL MEDAL** (Best Graduate of the Institute)	:	GYANESWARI PADHY
3.	**SUGAT KISHORE MALL MEMORIAL MEDAL** (Best Graduate of Electrical Engineering)	:	SHIKHA JAIN
4.	**PRANAB MEMORIAL MEDAL** (Best Graduate of Mechanical Engineering)	:	SANTOSH MISHRA
5.	**METALLURGICAL ENGG. ASSOCIATION MEDAL** (Best Graduate of Metallurgical and Materials Engineering)	:	PRATIK KUMAR RAY
6.	**INSTITUTION OF ENGINEERS (INDIA) MEDAL** (Best Graduate of Mining Engineering)	:	PRAMOD KUMAR BEHERA
7.	**INSTITUTION OF ENGINEERS (INDIA) MEDAL** (Best Graduate of Mechanical Engineering)	:	SANTOSH MISHRA
8.	**INSTITUTION OF ENGINEERS (INDIA) AWARD** (Best Graduate of Chemical Engineering)	:	BIJAY KUMAR BARIK
9.	**INSTITUTION OF ENGINEERS (INDIA) AWARD** (Best Graduate of the Institute other than Chemical Engg.)	:	GYANESWARI PADHY
10.	**PROF. RAJA RAMANNA AWARD** (Best Graduate of Computer Science and Engineering)	:	UTSAV GOSWAMI

DEGREE RECIPIENTS

Master of Technology

CHEMICAL ENGINEERING

(COAL CHEMICALS & FERTILIZERS)

Bitra Durga Mahesh

Sailaja Kambhatla

Arun Acharya

Jyoti Prakash Nayak

Surya Narayan Dash

Mamata Sahu

CIVIL ENGINEERING

(STRUCTURAL ENGINEERING)

Sabita Dash

Dilip Kumar Jena

Smita Sahoo

Rajnish Dey

Bhabagrahi Das

Ramakanta Choudhury

(SOIL MECHANICS & FOUNDATION ENGINEERING)

Prabin Kumar Panda

Ratnaprabha Pradhan

Bandita Paikaray

Manas Kumar Bhoi

Suresh Kumar Sahoo

(PART TIME) (SOIL MECHANICS & FOUNDATION ENGINEERING)

Aruna Kumar Satapathy

Bijay Kumar Mohanty

COMPUTER SCIENCE & ENGINEERING

(COMPUTER SCIENCE)

Gour Chandra Mishra

Rupak Chakraborty

Ramesh Chandra Patel

Jami Srikanta Patro

Sanjeev Kumar

Sunanda Kumar Sahoo

Mangaraj Sahoo

Tapan Kumar Nanda

Ranjan Rashmi Sahoo

Nibedita Satapathy

Gandharba Swain

Ajit Kumar Rout

Rinata Das

Debendra Kumar Behera

ELECTRICAL ENGINEERING

(ELECTRONIC SYSTEMS & COMMUNICATION)

Gogineni Arunkumar

Surendra Prasad Uppuluru

Bishnu Prasad Mohapatra

Sudhansu Kumar Pati

Manjusha Behera

Guru Prasad Subash Chandra Mishra

Jitendra Kumar Das

Manav Dash

Uppala Ramakrishna

Subhendu Kumar Behera

Brajendra Kumar Behera

(PART TIME)
(INDUSTRIAL POWER CONTROL & DRIVES)

Gopal Charan Ray

Bimal Ranjan Ghose

Biswa Ranjan Mohanty

Agasti Kumar Pradhan

Manoj Kumar Das

ELECTRONICS & INSTRUMENTATION ENGINEERING

(TELEMATICS & SIGNAL PROCESSING)

Pinki Mishra

Sharmistha Panda

Tanmaya Kar

Shibani Pani

H. Pal Thethi

K. Sridhar

Bibhudendra Acharya

MECHANICAL ENGINEERING

(MACHINE DESIGN & ANALYSIS)

Ashok Kumar Jena

Jagadish Chandra Mohanta

V. Kiran Kumar

Seelam Naveenkumar

Lade Umashankar

Chandramani Panigrahi

Sarath Reddi

Sk. Riazur Nabi

Rajendra Behera

Saswata Pattnaik

(PART TIME)
(PRODUCTION ENGINEERING)

Umesh C. P. Singh

METALLURGICAL & MATERIALS ENGINEERING

(FERROUS PROCESS METALLURGY)

Sagarika Jena

MASTER OF COMPUTER APPLICATIONS

FIRST CLASS

Srikanta Sinha

Snigdha Chandra

Ramkrishna Chatterjee

Dilip Kumar Santra

Rituparno Pal

Gourisankar Khatua

Sujit Kumar Sahoo

Sanghamitra Ray

Priyambada Sahoo

Monalisha Nayak

Srikanth Raghupatruni

Arimitra Chakravarti

Shiladitya Bose

Uttam Chell

Debasis Mohanty

Khiroda Kumar Palai

Soumik Roy

Tripati Sahu

Chirasmita Behera

Smrutiranjan Naik

P. Kamal Sandeep

Saroja Ranjan Raut

Gyanendra Kumar

Sumit Hazra

Niranjan Singh

Bijay Prasad Tiwari

SECOND CLASS

Sunil Kumar Bagsingh

MASTER OF SCIENCE

CHEMISTRY

FIRST CLASS

Mahamudur Islam

Deepak Kumar Khamari

Niruppama Nayak

Kishore Kumar Jena

Pradipta Ranjan Muduli

Swetapadma Sahu

Priyadarshini Debidatta Badajena

Satyanarayan Acharya

Soumya Surajit Biswal

MATHEMATICS

FIRST CLASS

Harprit Singh

Subrat Kumar Sutar

Rakhee Das

Enakshy Mishra

Ashish Kumar Thacker

Malaya Ranjan Samal

Neelam

Chapala Sahoo

SECOND CLASS

Sandeep Kumar Samal

PHYSICS

FIRST CLASS

Namita Sahu

S. Deepa Mohan

Aparna Shaw

Sanjukta Panda

Suvrakanti Behera

Debidutta Mohanty

Ashisa Kumar Rath

Priyadarshini Mahakhud

Santosh Kumar Nanda

Tanmaya Badapanda

Shanti Lata Samal

Annapurna Mohanta

Yougojoti Nayak

Bachelor of Technology

CERAMIC ENGINEERING

FIRST CLASS WITH HONOURS

Shishir Kumar Naik

Suravi Agarwal

Ipsa Khandagiri

Vishal Kalia

Saurabh Jain

FIRST CLASS

Sanjay Kumar Behera

Tulika Puri

Puneet Gupta

Shan Victor Pereira

SECOND CLASS

Anuj Kumar Dungdung

Samir Kumar Khess

Sethunath S.R.

CHEMICAL ENGINEERING

FIRST CLASS WITH HONOURS

Bijay Kumar Barik

Preeti Patel

Manjit Guha

Nitin Sharma

Abhinav Upadhyay

Abhishek Kumar

Priya Ranjana Nayak

FIRST CLASS

Susri Sangeeta Behera

Amrita Mallik

Anawesha Khuntia

Bijoyananda Das

Tapas Mohapatra

Sanjaya Kumar Garnaik

Awhan Mohanty

Alok Ranjan Behera

Anubhav Singh

Indraneel Baul

Abhijit Panda

Padar Binda Mishra

Preetish Kumar

Saheli Talukdar

Biju Shah

Ankit Chandra

Saurabh Aggarwal

Chandranshu Mishra

Etha Anjan Babu

B. Rajashekar Goud

Dharmendra Kumar

Vineeta John

Kanaparthi Neelima

Pankaj Kumar Jha

Amit Kumar Sahu

Gaurav Pattnaik

Abhijit Das

SECOND CLASS

R. G. Prithviraj

Jagtap Rahul Vishwasrao

Uday Kumar

Neelamber Bhotra

Kumar Shivaang

Rahul Sinha

T. P. P. Narasimha

Sanjay Kumar Nayak

CIVIL ENGINEERING

FIRST CLASS WITH HONOURS

Gyaneswari Padhy

Rupali Rupranjita

Ramesh Kumar

Indra Nath Bardhan

Gopinath Alla

N. Rajesh Reddy

Alok Deep

P. Shanmugavel

Saroj Kumar Parida

FIRST CLASS

Preeti Priyadarshini

Sidharth Agasti

Priyaranjan Rath

Ripunjaya Pattnaik

Abhijit Nandi

Hare Krishna Singh

Upamanyu Sarmah

Binay Pathak

Seban Jose

Jitendra Kumar

Patnaik Praveenkumar Udaychandra

Baishali Kundu

Biswajit Bora

Amit Kumar Behera

Chakrapani Shukla

SECOND CLASS

K. Wothungo Lotha

Laliteswar Kumar

Akhaya Soru

Abhilash Kumar Tibrewal

Pankaj Kumar

COMPUTER SCIENCE & ENGINEERING

FIRST CLASS WITH HONOURS

Utsav Goswami

Kalandi Charana Nayak

Ashma Rungta

Reetuparna Das

Unmesh Dutta Bordoloi

Amandeep Singh Ghai

Ashwin Kuruvilla Lukose

Gaurav Gupta

Aishwarya Singh

Sandeep Surana

Gairik Bhattacharya

Pravudatta Mohapatra

FIRST CLASS

Erina Beck

Bishwanath Majhi

Ajay Kumar Mohanty

Santosh Kumar Tripathy

Bidya Bhusan Hota

Dilip Kumar Dalei

Muralidhar Behera

Amrita Bindukalpa

Lakshay Gupta

Manjarita Laishram

Chandralekha De

Kabirdas Jaunjare

Anirudh Parashar

Kunal Chandra

Kamal Neupane

Sanjaya Kumar Sahu

Deepak C. P.

Rabi Prasanna Mahapatra

Soumya Ranjan Mohapatra

Lalatendu Nayak

SECOND CLASS

Sabyasachi Routray

Saroj Kumar Dora

Vineesh Kumar P.P.

Itishree Sethy

Sampath Kumar G.

Akhila V. P.

Smita Hansdah

ELECTRICAL ENGINEERING

FIRST CLASS WITH HONOURS

Shikha Jain

Chandana Pattanayak

Satyabrata Mishra

Mahip Kumar Rekhani

Ansuman Satpathy

Anuradha Mohanty

Liza Mohanty

Rabi Narayana Madala

Siddhartha Misra

Bijan Kumar Padhi

Vaibhav Poddar

Sushil Kumar Upadhyay

Siddharth Nair

Kanhu Charan Badtia

Himanshu Bhusan Mohanty

Chandra Sekhar Mishra

FIRST CLASS

Preeti Tirkey

Sunil Bage

Anjali Sahis

Shatrughna Das

Purnendu Pradhan

Chakrapani Ghadai

Kamala Kant

Susmita Bali

Lipsa Raiguru

Snehalata Choudhury

Sudipta Parhi

Swatika Pany

Manas Ranjan Behera

Badri Narayan Mohanty

Mithun Roy

Md. Imtiaz Alam

Rameswar Nayak

Rajesh Kumar Sarangi

Suparna Dey

Soumen Das

Prasanta Kumar Dash

Ram Krishna Rai

Bidesh Bhusan Sarker

Manjir Mitra

Rahul

Anindita Das

Dipti Wangu

Soumik Dey

Anand Kumar Jena

Vijay Prakash Tiwari

Pradeep Kumar Mehta

George Shahbok Syiem

Sridhar Chaduvu

Neha Seth

Gopi Chandar T.

Ponnolu Siva Kumar Reddy

Karthik Venugopal Poduval

Avneet Singh Bhatia

Pranesh Kumar

Sherub Tharchen A.

Vishal Modi

Amit Anand

Shashank Sahay

Manas Ranjan Sahu

Ashish Vikash

Krutibash Panda

M. Nisha

Bibhraj Ranjan Dash

Doki Jagadish

Ravi Pratap Singh

Patel Dhaval Ramanbhai

SECOND CLASS

Vishal Verma

Rajesh Kalra

ELECTRONICS & INSTRUMENTATION ENGINEERING

FIRST CLASS WITH HONOURS

Radhey Shyam Varshney

Soma Pradhan

Rupa Rani Gupta

Anjali Tibrewal

Sushant Kumar Maharana

Mehboob Alam

Abhishek Kumar

Saradwata Sarkar

Bhatnagar Vijayant Vinodkishore

Nilamadhaba Bala Samanta

Santosh Kumar Sahu

FIRST CLASS

Binay Prabha Kerketta

Saroj Kumar Behera

Sudhashree Das

Nibedita Meher

Debaranjan Sahoo

Santosh Kumar Panigrahi

Asit Mohanty

Samar Kshetrimayum

Siddhartha Laxman Medhi

Salil Popli

Vipul Sood

Bandaru Pratap Kumar

Dhotre Vishal Prabhakarrao

Kumari Surbhi

Rajiv Kamal

A. Muthukumar

Sandipanee Samantaray

Bikash Rath

Chintalapudi Premchand

Biswajyoti Dash

Puneet

MECHANICAL ENGINEERING

FIRST CLASS WITH HONOURS

Santosh Mishra

Mukund Madhav

Sitima Otta

K. Latha

Lisa Mohapatra

Amrita Singh

Ambika Prasanna Dash

Susanta Kumar Pradhan

Satya Swarup Choudhury

Sibabrata Dash

Mirja Kaishar Raza

Soumya Darshan Mohanty

Sudhanshu Kumar Jesthi

Sandip Sharma

Rashmi Ranjan Dethi

Soumya Kanta Mishra

Praramita Sahu

Ashish Awasthi

Sanjeev Singh Chauhan

Aditya Sharma

V. B. Hemanth

Radhagobinda Mishra

Prasant Kumar Pati

Prangyadeepta Choudhury

FIRST CLASS

Susanta Kumar Rout

Sambiti Behera

Dharma Nanda Behera

Swapna Sharma

Divya Jeevan Sahoo

Reetisnigdha Sahoo

Rajashri Priyadarshini Saha

Amit Mohanty

Prasmit Kumar Nayak

Dibakar Panda

Amit Kumar Pradhan

Birakishore Dash

Pritam Sasmal

Sambit Kumar Bharimalla

Sampad Sen

Manmohan Murmu

Swarna Mudra Beura

Vivek Kumar Singh

Harjinder Pal Singh Raheja

Sushruta Chakraborty

Sunil Bhoi

Apte Abhinav Dilip

Shyamsunder Koti

Amitabh Chakraborty

Niladri Rudra Sharma

Santosh Shaw

Sumit Gupta

Rajveer Singh Shekhawat

Pardha Saradhi D.

Ashish Kumar

Pankaj Kumar Upadhyay

Joydeep Manna Sen

Narayan Agarwal

Vamsi Krishna K.

SECOND CLASS

Arjun Kumar Rout

C. Jagadeswar Reddy

Dumne Amardeep Umakantrao

Hedaoo Prashant Ramdasji

Dinesh Goteti

S. K. Ramanan

Adersh Kumar Panigrahi

Girdhar C.K.

Satyendra Kumar Bharti

Bhatt Hirenkumar Rameshkumar

Sanjib Das

Bhagyadhar Mondal

R. Sathish Kumar

R. Arulprakash

Firnath Lakra

R. Subash Chandra Bose

Digvijay Kumar Singh

Ramesh Kumar Hembram

METALLURGICAL & MATERIALS ENGINEERING

FIRST CLASS WITH HONOURS

Pratik Kumar Ray

Kumari Sonia Vadhera

Tapan Kumar Mishra

Rajiv Ranjan

Uma Prasad Mohanty

Abhishek Bhushan

Diptikanta Satpathy

Surendra Kumar Mohanty

FIRST CLASS

Sambit Hota

Pratyusha Priyambada Raulo

Gundu Oram

Amit Kumar Panda

Aparajeeta Devi

Mahendra Kumar Panigrahi

Binit Kavi

Hadubandhu Das

Rajesh Mohanty

Munish Kumar

Satvika Das

Tanmay Bera

Manoranjan Singh

Adiraju Vyas Ramesh

Prem Prakash Bhaskar

Vinit Agrawal

Abhinandan Chatterjee

R. Balakrishnan

Tiwari Pratik Umashanker

Paunikar Digambar Vishwanath

Jagannath Prasad Routray

Chittaranjan Das

Paresh Chandra Patra

Pradeep Kumar Pradhan

Manoranjan Mishra

Daljeet Singh Sobti

SECOND CLASS

Upali Pattanayak

Niranjan Behera

Anuj Verma

Sangram Girija Prasad Behera

MINING ENGINEERING

FIRST CLASS

Pramod Kumar Behera

Sukha Kujur

Shishupal Pradhan

Sunil Diyali

Tom Angami

Ganesana Mahesh

Amit Vashishtha

Shubham

Raja Sahoo

Md. Asif Daiyan

Pankaj Kumar Mahanta

Sirdeshpande Raghavendra Raghunathrao

SECOND CLASS

Wasnik Parag Sukhdeorao

Pranjal Saikia

Sadhu Charan Purty

Ashish Das

Nirbhay Kumar

Saran Shilal

ORGANIZING COMMITTEE, SECOND CONVOCATION - 2004

CORE COMMITTEE

Prof. S. K. Sarangi	-	Director.
Prof. G. K. Ray	-	Dean (PD).
Prof. B. K. Rath	-	Member (BOG)
Prof. G. Panda	-	Dean (Administration)
Prof. R. C. Behera	-	Dean (SRICCE)
Prof. K. K. Mishra	-	Dean (Academic)
Prof. B. Pradhan	-	Dean (SA) & Member (BOG)
Prof. A. K. Panda	-	Prof. I/c Convocation & Convener.
Sri. S. K. Upadhyay	-	Registrar

DIFFERENT WORKING COMMITTEES

VENUE PREPARATION & SEATING ARRANGEMENT

Prof. U. K. Mohanty	Chairman
Prof. G. Panda	Member
Prof. P. K. Nanda	Member
Prof. S. S. Mohapatra	Member
Prof. H. B. Sahu	Member
Prof. A. K. Panda	Member
Prof. Y. K. Sahu	Member
Sri. S. P. Mahapatra	Member
Sri. S. K. Sahu	Member

ARRANGEMENT FOR DEGREE RECIPIENTS

Prof. S. Bhattacharyya	- Chairman
Prof. S. K. Patra	- Member

ACADEMIC PROCESSION

Prof. K. C. Biswal	Chairman
Prof. P. K. Ray	Member

PUBLICATION

Prof. S. Adak	Chairman
Prof. S. Bhattacharyya	Member
Prof. S. K. Patra	Member
Prof. Alok Satpathy	Member
Prof. Anup Kumar Panda	Member
Prof. K. C. Biswal	Member

CONVOCATION DRESS

Prof. P. K. Ray	Chairman
Prof. U. K. Mishra	Member
Sri. S. K. Upadhyay	Member

RECEPTION & HOSPITALITY

Prof. K. N. Singh	Chairman
Prof. K. R. Patel	Member
Prof. S. Bhattacharyya	Member
Prof. S. K. Patel	Member
Prof. B. C. Ray	Member

LUNCH

Prof. K. R. Patel	Chairman
Prof. U. K. Mohanty	Member
Prof. S. Bhattacharyya	Member

MEDAL PREPARATION

Prof. B. Pradhan	Chairman
Sri. S. K. Upadhyay	Member
Prof. R. K. Patel	Member
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Sri M. K. Das	Member

CERTIFICATES AND AWARDS

Prof. K. K. Mishra	Chairman
Sri P. C. Nayak	Member
Sri A. C. Swain	Member
Sri M. K. Das	Member
Sri T. K. Sarangi	Member
Sri G. C. Dash	Member
Sri J. K. Sahu	Member

AWARDS COMMITTEE

Dr. S. K. Patel	Chairman
Mr. J. P. Padhi	Member

WEB MASTER

Prof. B. D. Sahu

REGIONAL ENGINEERING COLLEGE, ROURKELA

SUCCESSIVE LIST OF CHAIRMEN, BOARD OF GOVERNORS

Sl.No.	Name	Period	
		From	To
1.	Shri Biju Patnaik Chief Minister, Government of Orissa	15.08.61	19.12.63
2.	Shri Biju Patnaik Chairman, Planning Board, Government of Orissa	20.12.63	28.03.65
3.	Shri Sadasiv Tripathy Chief Minister, Government of Orissa	14.04.65	07.03.67
4.	Dr. Haribandhu Mohanty Technical Adviser to Government of Orissa	07.10.67	06.10.73
5.	Shri K. T. Satarwala Adviser to Governor of Orissa	07.10.73	03.05.74
6.	Shri Kanhucharan Lenka Minister of Industries, Planning & Coordination, Orissa	04.05.74	16.02.76
7.	Shri Kanhucharan Lenka Minister of Industries, Government of Orissa	14.01.77	30.04.77
8.	Shri Harish Chandra Buxipatra Minister of Industries, Mining, Geology & Rural Dept., Government of Orissa	06.07.77	18.02.80
9.	Shri Kishore Chandra Patel Minister of State for Industries, Government of Orissa	12.08.80	08.03.85
10.	Shri S. B. Mishra, IAS Commissioner-cum-Secretary, Industries Department Government of Orissa	06.06.85	03.01.86
11.	Shri Jadunath Das Mohapatra Minister of Education & Youth Services, Government of Orissa	04.01.86	29.10.86
12.	Shri Niranjan Patnaik Minister of Industries, Science, Technology & Environment, Government of Orissa	30.10.86	16.11.89
13.	Shri S. B. Mishra, IAS Secretary, Industries Department, Government of Orissa	17.11.89	12.08.90

14.	Shri Dilip Ray Minister of Industries, Government of Orissa	13.08.90	03.05.96
15.	Shri Niranjan Patnaik Minister of Industries, Government of Orissa	04.05.96	22.07.1999
16.	Dr. Giridhar Gomang Chief Minister, Government of Orissa	23.07.99	10.03.2000
17.	Shri Kanak Vardhan Singh Deo Minister of Industries, Government of Orissa	11.03.2000	25.06.2002

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SUCCESSIVE LIST OF CHAIRMEN, BOARD OF GOVERNORS

Sl. No.	Name	Period	
		From	To
01.	Shri Kanak Vardhan Singh Deo Minister of Industries & Public Enterprise, Government of Orissa	26.06.2002	01.09.2002
02.	Dr. Bansidhar Panda Chairman & Managing Director, IMFA Group of Industries, Bhubaneswar	02.09.2002	Continuing

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SUCCESSIVE LIST OF PRINCIPALS

Sl. Nos.	Name	Period	
		From	To
1.	Sri B. Mishra	15.08.1961	11.02.1962
2.	Prof. Bhubaneswar Behera	12.02.1962	19.07.1971
7.	Prof. H. S. Nagabhushanaiah	20.07.1971	30.08.1972
8.	Prof. R. Mishra	31.08.1972	30.08.1973
9.	Prof. H. S. Nagabhushanaiah	31.08.1973	16.10.1974
10.	Prof. Somnath Mishra	17.10.1974	31.01.1996
15.	Prof. Ashok Kumar Mohanty	01.02.1996	30.09.2001
16.	Prof. Gopendra Kishore Roy	01.10.2001	25.06.2002

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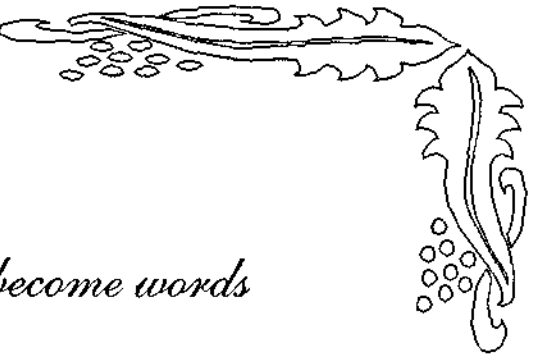
SUCCESSIVE LIST OF DIRECTORS

Sl. Nos.	Name	Period	
		From	To
1.	Prof. Gopendra Kishore Roy (Officiating)	26.06.2002	06.05.2003
2.	Prof. Sunil Kumar Sarangi	07.05.2003	Continuing

Watch your thoughts; they become words

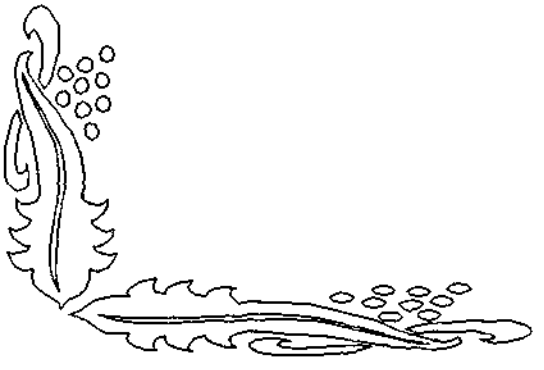
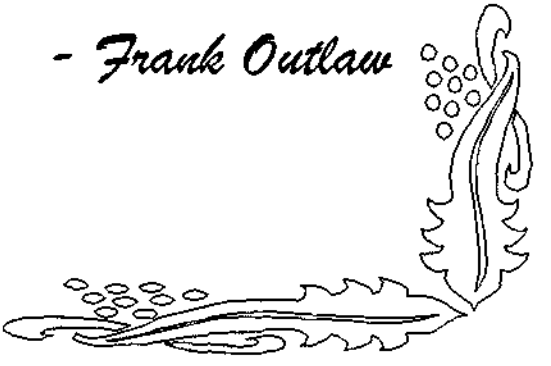
Watch your words; they become actions.

Watch your actions; they become habits

Watch your habits; they become character.

Watch your character; it becomes your destiny.

- Frank Outlaw

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