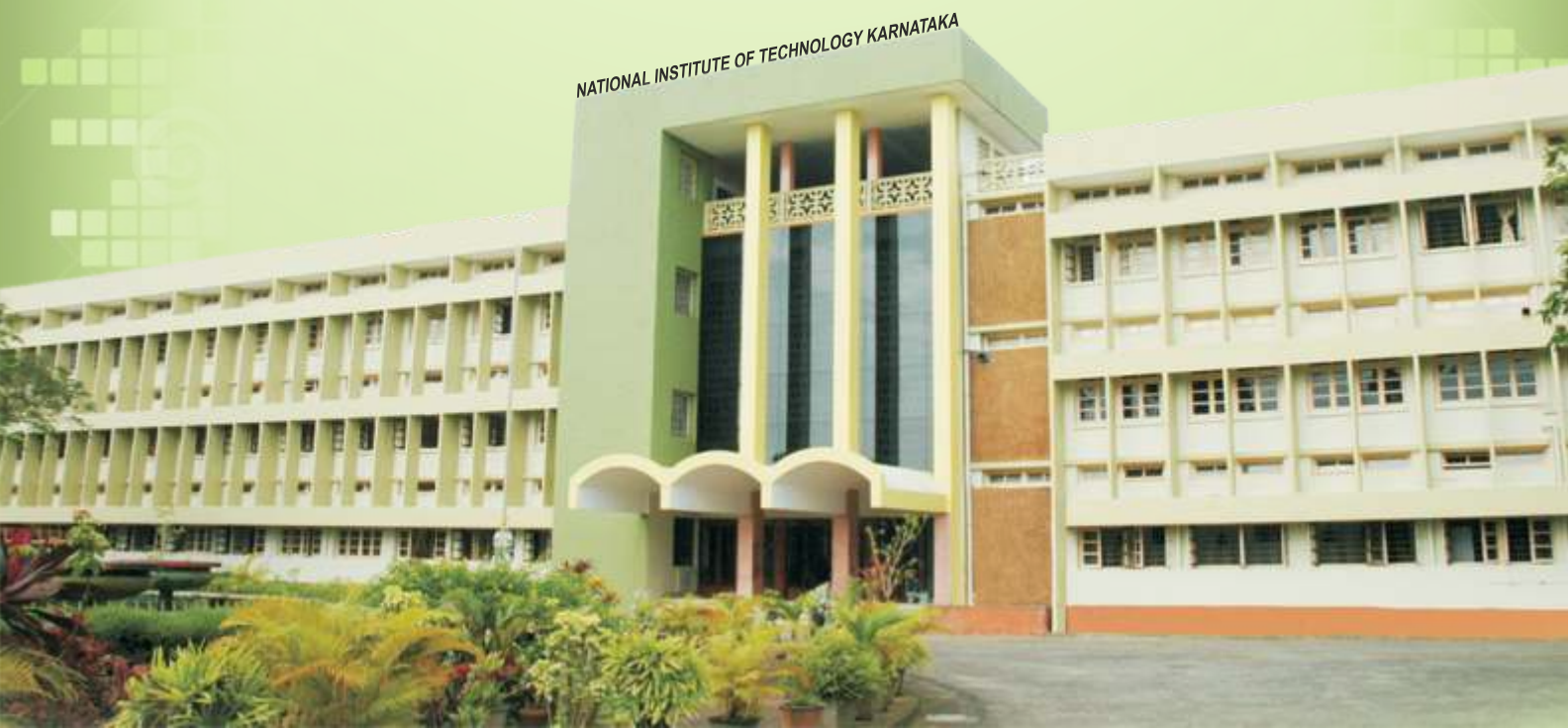
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

Mangalore - 575 025

www.nitk.ac.in

12th ANNUAL CONVOCATION

November 15, 2014



VISION

To facilitate transformation of students into good human beings, responsible citizens, and competent professionals focusing on assimilation, generation, and dissemination of knowledge.

MISSION

- Impart quality education to meet the needs of profession and society, and achieve excellence in teaching-learning and research.
- Attract and develop trained and committed human resource, and provide an environment conducive to innovation, creativity, team-spirit, and entrepreneurial leadership.
- Facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions, and other stake holders.
- Practise and promote high standards of professional ethics, transparency, and accountability.

TWELFTH ANNUAL CONVOCATION

November 15, 2014

National Institute of Technology Karnataka, Surathkal

(An Institute of National Importance established by an Act of Parliament)

Mangaluru – 575 025, India

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National Institute of Technology Karnataka, Surathkal

Mangaluru - 575 025, India

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Honourable Chairperson

Managing Director, IBM India Private Limited,
No.12, Subramanya Arcade, Bannerghatta Main Road,
Bengaluru, India - 560 029

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Twelfth ANNUAL CONVOCATION

Welcome Address and Institute Report

Prof. Swapan Bhattacharya
Director, NITK, Surathkal

Esteemed Chief Guest of the Convocation function, Dr. Satish K. Tripathi , Respected Ms. Vanitha Narayanan, Chairperson, Board of Governors of NITK, members of the BOG, members of the Senate, degree recipients, distinguished guests, proud Parents, members of the media and my dear colleagues on the faculty and staff of NITK, it is my proud privilege to welcome you all to this Twelfth Annual Convocation of our Institute.

We are very happy to have with us, Dr. Satish K. Tripathi , President of State University of New York at Buffalo Internationally recognized as an accomplished researcher and transformative higher education leader. On, behalf of the Institute, on behalf of each one of you present here and on my personal behalf, I extend a warm welcome to Dr. Satish K. Tripathi.

We are also happy to have with us our new Chairperson, for the Board of Governors, Ms. Vanitha Narayanan, the Managing Director of IBM India Private Limited, and the Regional General Manager for India/ South Asia (ISA). On behalf of the Institute, on behalf of each one of you present here and on my personal behalf, I extend a warm welcome to Ms. Vanitha Narayanan.

I welcome all the distinguished members of the Board of Governors and members of the Institute Senate, who at our request, have arrived here to be with us this evening, I also welcome all our esteemed guests who have kindly responded to our invitation and are present here to grace the occasion. I especially welcome all our graduands of the year 2013-14 batch who are eagerly awaiting their turn to go over to this dais to receive their degrees. I also welcome all their proud parents and guardians who are here to watch their wards receiving their degrees. Our warm welcome, to all the members of the media who are here to cover this event, l welcome all the members of the NITK family — the faculty, staff and students to this solemn occasion. Once again, I welcome one and all to this solemn ceremony.

Introduction

NITK is committed to creating excellent human resources to meet all round needs of the country in the areas of Engineering, Sciences, Social Sciences and Management. While our vision is to transform our students into good human beings, responsible citizens and competent professionals focusing on assimilation, generation and dissemination of knowledge, our mission is to impart high quality education, develop talented and committed

human resource that will serve society with distinction, facilitate interaction amongst the various stake holders and promote highest level of professional culture. Our sincere efforts to fulfill all the commitments envisaged by NIT Act and NIT Statutes are being fully supported by our own BOG, the Government of India, the Government of Karnataka and all other key partners and agencies.

Over the years, NITK, Surathkal has achieved significant growth in various spheres of its activities. Our efforts in teaching, infrastructure building, Research and development, Testing and Consultancy, developing entrepreneurship, and student training and placement have been responsible for NITK being placed amongst the top technological institutions in the country. I wish to place on record our deep appreciation for all the contributions of the members of our faculty and staff in imparting quality education, R&D efforts and Testing Consultancy initiatives. We also wish to acknowledge the strong support we receive in all our activities from our distinguished alumni who occupy coveted positions in the Industry.

It is now my pleasant duty to place before you, a brief report highlighting our significant achievements during the year 2013-14. I wish to place before you, some of the new initiatives being taken at NITK so as to scale greater heights in teaching, research and out-reach activities and get recognized as 'A National Institute with an International Recognition'.

Governance:

NITK, an Institute of National Importance, is governed by the Board of Governors, under the NIT Act 2007 and Statutes laid down by the Govt. of India. The present Board is chaired by Ms. Vanitha Narayanan and consists of representatives from Govt. of India, Govt. of Karnataka, Industry, Educationists and the Institute Senate. The Director is the executive head of the institute. The day-to-day activities are carried out by the Director, with the support of Deans, Head of the Departments, Prof. Incharge of Hostel Affairs & Prof. In charge of various other activities, Registrar, Deputy Registrars and Assistant Registrars. A number of committees have been formed to facilitate the decision-making process.

Faculty and Staff

Availability of high quality human resources has been the major factor contributing to the success achieved in different spheres of activities at NITK, all these years. The institute is making concerted efforts to fill up all the vacant positions, both in faculty cadre as well as Non-teaching staff. 4 - Tier flexible faculty structure has already been adopted for filling up the vacant faculty position. Recruitment of Non-teaching position is under pipeline. Recently the Institute had promoted a large number of Non-teaching staff after along gap of almost a decade. The faculty members are encouraged to pursue higher education leading to doctoral degrees, both within the institute and on deputation to higher schools of learning like IITs and IISc, Bangalore. One of our faculty members is presently pursuing his doctoral studies at the University of Victoria, Canada, on the Overseas Scholarship Program of Govt. of India

and another at Dublin City University with whom we have an MOU.

In addition to the teaching and administrative responsibilities, the faculty and staff members of the Institute are continuously involved with R&D activities, out-reach work and training programs. Our faculty and staff members continue to be bestowed with honours, awards, recognitions and assignments by external agencies for their research and outreach activities. Quite a few of our faculty members have received honours such as Fullbright Scholarship to visit US Universities, secondment by the Govt. of India to teach at the prestigious Asian Institute of Technology, Bangkok, opportunities to visit laboratories abroad under their R&D projects, etc.

As per the provisions of the 6 CPC, all eligible faculty members of the Institute have been given the benefit of Academic Grade Pay up-gradation and re-designation. Under the cumulative professional development allowance scheme, the faculty members are being provided financial support for membership of professional societies, purchase of laptops and books, attending training programs, national and international conferences and to pursue research interactions with leading researchers at prominent universities and laboratories abroad. NITK was one of the first few institutes to implement MACP for non-teaching employees.

Financial Support:

In view of the enhanced plan and non-plan grants, increase in R&D funding, increase in student intake, enhanced consultancy and testing output and initiation of a few new infrastructural projects, the total financial outlay has reached an impressive Rs. 158.0 Crores in 2013 -14. Similarly, the total internal revenue generation through fee collection and other receipts has increased to Rs. 28.58 Crores which is approximately 39% of our committed non-plan expenditure. Our Corpus fund has also grown steadily to about Rs.56.93 Crores.

NITK is the beneficiary of financial support extended to Centrally Funded Institutions under Phase-II of the World Bank Assisted TEQIP Program. Under the scheme, NITK has received a total grant of Rs. 9.67 Crores till now, the total support grants sanctioned being Rs.12.50 Crores. The main focus of this phase of the project is on improvement in post-graduate education and enhancement of our research activities and output.

Academic Activities:

As at present, NITK offers B.Tech programs in 9 disciplines and M.Tech programs in twenty five specializations. In addition, MSc Programs are offered in both Physics and Chemistry Departments and the MBA and MCA programs are offered by Humanities and MACS Departments respectively. While M.Tech (Research) Programs have been started in all PG specializations, doctoral research is also being undertaken with scholars registered in all the Departments. A comprehensive revision of the curricula in all the academic programs, based on a complete review, with participation of faculty from IITs and IISc and industry-leaders,

has been carried out so as to make them contemporary, flexible and student-centric. All the programs are designed to be Credit- based, and have been developed so as to encourage self-learning and participation in co- curricular activities by the students. Special summer terms and classes in technical courses, language laboratory and personality development are being offered to weaker students. Tutoring of SC/ST students by senior students initiated at NITK has been identified as a Best Practice and is being adopted in other Institutions.

For the academic year 2014-15, 836 students, including 106 students under the DASA program were admitted to the B.Tech. program based on their scores in JEE (Mains)/SAT Examinations. This accounts for almost 96.3% of our sanctioned strength. For the Post-graduate programs, 716 students, representing 85.7% of our sanctioned strength have been admitted. Admissions to the M.Tech programs were mainly based on their scores in the GATE-2014 Examinations. For admissions to both B.Tech and M.Tech programs, NITK is a partner in the centralized, computer-assisted admission processes. The admissions to MCA and MBA programs were based on scores obtained by the aspirants in the national level examinations NIMCET-2014 and CAT-2013, respectively.

A total of 90 students joined our doctoral programs during 2014-15, indicating the increased focus on research at the Institute. NITK is preferred by teachers from other Engineering Colleges and Polytechnics to pursue graduate and doctoral studies under QIP scheme of the Government of India. This year, three such teachers have enrolled for our M.Tech and two PhD programs respectively.

Students' performance in examinations continues to remain excellent with an overall pass percentage of more than 97.8%. Large number of our students have graduated with distinction. This year too, our students have excelled in GATE-2014 and CAT—2013 examinations which have fetched them admissions to top technological and business schools of India to pursue their post-graduate programs or MBA studies. A higher percentage of students, compared to last year, have been successful in gaining admissions to the best universities in USA and Europe.

Web-based learning materials, especially those supported by National Program on Technology-enhanced Learning (NPTEL) are increasingly being used by our faculty and students. State—of-art facilities like audio-support systems in classes, virtual laboratories, virtual classrooms, and a video conferencing facility have been created and are being increasingly used.

R & D Activities:

The Institute has gradually shifted itself into a Teaching cum Research Institute, with more and more R&D initiatives being pursued by the faculty. While the administration is trying to improve the research ambience in the Institute, the members of the faculty are responding to such initiatives by getting a large number of innovative R&D Projects sanctioned by

various funding agencies like MHRD,DST, CSIR, DRDO, DBT, MCIT, DIT, BRNS and BRFST. At present, the Institute has about 57 on-going externally sponsored R&D projects with total budget of Rs.36.97 crores. About 27 internally funded projects are being carried out by the newly recruited faculty under the Seed Grant Scheme of the Institute. Our faculty is now participating in international research projects with their collaborators from laboratories in Korea, Malaysia, Japan, Switzerland, Ukraine, etc.,. Currently, 452 students are enrolled for the doctoral programs at NITK and 60 candidates are going to receive their doctoral degrees in this convocation. During the year of report, our faculty have contributed 368 research papers in international and national Journals and have presented 311 papers in international and national Conferences. Fresh initiatives are being taken to encourage the faculty and students to patent their ideas and _new technologies. During the year, 89 of our faculty have attended conferences outside India to present their research findings and for Research Interactions.

Creation of Centers of multi-disciplinary research, establishment of industry-sponsored professorial chairs, increased R&D collaboration with industry and networking with our alumni are some of the measures being pursued to promote the R&D Culture at our Institute. During the period 2013-14, 14 new MOUs were signed with leading national and international universities and industries to promote research collaboration and exchange of students/ faculty. NITK has active MOUs with, Frontier Areas of Science & Technology (FAST), MHRD, The Indian Navy, MDI Gurgaon, Larsen & Toubro Limited (L&T Construction), Michigan State University, University of Seville (UoS), Spain, ProSIM R& D Pvt. Ltd., AB Volvo Group Sweden, Robert Bosch Engineering and Business Solutions Limited (RBEI), Bangalore, Indian Institute of Science, Bangalore, Mercedes-Benz Research and Development India Private Limited (MBRDI), Bangalore, Bhabha Atomic Research Centre (BARC), Mumbai, National Aerospace Laboratories (NAL), National Technical University of Ukraine "KYIV POLYTECHNIC INSTITUTE", MITACS INC, of Canada. NITK also has active MOUs with universities such as Michigan State University, Kumamato University and Kagoshima University in Japan, Deakin University, Australia, Pennsylvania State University, USA, Dublin City University, Ireland, Ulsan University, South Korea, Western Switzerland University, IRD of France, IIT, Madras, NIT-Calicut. Joint R&D is being promoted through MOUs with National Laboratories and Industries such as CPRI, ITI, IPR, ONGC, Robert Bosch, IBM-India, AMD, etc.,. All these MOUs facilitate exchange of faculty and students, joint R&D projects, and organization of international symposia and seminars, in the institute.

Continuing education programs are crucial for faculty development. NITK has conducted 25 workshops and conferences in major areas of pedagogy, content delivery and research. In all these programs distinguished speakers from higher institutes of learning, industry and leading R&D labs were invited to share their research experiences with the participants and expose them to newer technologies and innovations.

Infrastructural Facilities:

Consequent upon the growing number of intake of students in the Institute as per the

policies of the Government and their academic needs, the infrastructural facilities in the Institute campus are being added regularly and upgraded.

The Institute is spread in about 295 acres of land and is presently having about 2,23,500 sqm of built up area of infrastructural buildings. The main infrastructure includes Administrative Offices which are housed in the Main building of the Institute, laboratory buildings, departmental office buildings, Central Computer Center, Central Library, Lecture hall blocks, Student Activity Center (Open Air Theatre), Staff Recreation Center, Seminar halls, Silver Jubilee Commemoration Auditorium, Health Care Center, Yogic Center, Pavilion - a hall for cultural programme, various hostel blocks for girls' and boys', guesthouse buildings, Staff residential quarters (about 320 dwelling Units), swimming pool and other sports amenities. Almost all the Departments have been provided with independent buildings. There are about nearly 100 classrooms in different buildings. The sports amenities include cricket ground, football ground, basket ball courts, volley ball courts, table tennis, badminton courts etc. A fully fledged fitness center/gymnasium is available in the premises of Mega hostel block. The campus also provides amenities such as Food court, canteens, Student Co-operative society and Staff co-operative societies, Banks with ATM, Post Office, NCC Office, two commercial complexes where bakery shop, printing press, Xerox shop, saloon, beauty parlours, readymade dress shop, tailoring shop, milk parlours etc. are accommodated.

There are three Sewage Treatment Plants (about 1220 KLD of total capacity) working in the campus. Presently, treated water from one of the STP is being used for secondary use in the Mega Hostel. It has been planned to use the treated water from other two STPs for secondary use in other hostel blocks, academic buildings and gardening purpose for which a pilot project is being worked out.

The campus is provided with a 33kV electrical substation. This ensures quality electrical power to the sophisticated instruments in the various laboratories. In addition, the Institute is having many generator sets of various capacities housed in the various powerhouses - generating about 1,200 KVA power - so as to provide uninterrupted electrical power supply.

The campus is having adequate water storage facility in the form of sump tanks and overhead tanks. In addition to getting water required for the campus from the City Corporation, the Institute is also having sufficient number of our own water resources in the form of open wells and bore-wells.

The Institute has constructed an underpass across the National Highway so as to connect the western and eastern parts of the campus. This underpass facilitates the students, staff and other visitors of the Institute in avoiding dangerous crossing of the heavily traffic national highway.

During the period of the report, many of the old laboratories have been renovated and upgraded in terms of installation of state-of-art equipment and latest equipment with the

financial support from various research projects, TEQIP-Phase 2, and Plan grants of the Govt. of India.

To make the existing buildings as user friendly for persons with disabilities (PWDs), passenger lifts are being provided in phases. At present, Lifts are being provided to Health Care Center and Central Computer Center.

The following new buildings are being undertaken in the Institute campus through the Central Public Works Department, which are under different stages now:

Sl. No.	Name of the project	Estimate Cost (Rs.)
1	Construction of new Teaching block at western side of NITK campus (WTB)	23.5584 crore
2	Construction of new Boy's hostel building of 500 single occupancy rooms.	51.1439 crore
3	Construction of new building for the Dept. of Computer Science and Engineering	33.0573 crore
4	Construction of new Sports Complex.	34.0689 crore
5	Construction of new Ladies Hostel building of 250 single occupancy rooms.	22.6675 crore
6	Construction of new additional space for Library and renovation of existing Library.	15.1707 crore
7	Const. of new Faculty apartments. (2 apartments of 24 units each - One of "Type V" and one of "Type VI")	38.8112 crore
8	Cons. of new Non-Faculty apartments. (2 apartments of 28 units each - One of "Type III" and one of "Type IV")	21.3579 crore
9	Vertical extension of Basic Sciences building (5th and 6th floors).	13.25668 crore
10	Vertical extension of new Mechanical Engineering block (4th,5th and 6th floors).	23.58223 crore
11	Vertical extension of Applied Mechanics building (2nd to 6th floors) & connecting over-bridge between Applied Mechanics and Civil Engg. department buildings.	10.40688 crore
12	Horizontal extension of PG Chemical Engineering building (Ground + 6 floors).	16.50185 crore

Some minor projects such as 3rd floor extension of Civil Engineering building and 2nd floor extension of IS lab of Civil Engineering building are also being carried out.

The following new projects are under pipeline which would be taken up during the next financial year:

1. Construction of a new building for "School of Management";

2. Construction of a new building for "School of Interdisciplinary Studies";

3. Additional Faculty apartments (Type V and Type VI): and

4. Additional Non-faculty apartments (Type III and Type IV)

Central Facilities and Support:

Central Library - The Central Library of NITK, which works 16 hours a day, provides access to more than 1.30 Lakh books, more than 291 e-books, 414 print Journals and periodicals, 5,712 full text e-journals, 32,806 Standards, about 41,537 abstract e-journals, 8,695 Conference proceedings, and a large repository of ASTM and other codes are also accessible. Our Library is a member of NIT Consortium, INDEST-AICTE Consortium, DELNET and INFLIBNET. Central Library has Wi-Fi facility and 25 dedicated computer systems in the Digital Library Section supports accessing of research digital resources. In recent years, a large number of e-learning resource materials have been purchased on different topics.

Central Computer Centre

CCC provides the campus backbone services with about 20 kms of 12 core OFC using 1 Gbps& 10 Gbps backbone to the different buildings and broad band to the residences. The Data centre acts as an integration hub of OFC/backbone. It houses the 155 Mbps Internet connection to BSNL , the 1Gbps link to the National Knowledge Network (Internet bandwidth about 330Mbps), associated networking equipments and sufficient hardware to handle the critical backbone network services. Additional bandwidth is recommended. Main servers are connected to the data centre network. Critical services are accessible from inside and outside the network. CCC Uses Blade Servers with VMW are and the old servers are being migrated to the virtual platform. Departments, residences (through the broadband) , directorate (and administrative net) ,guest houses and hostels are individually connected to the core switch. At present, the hostel networks are integrated into the academic network of NITK sharing the Internet bandwidth of the Institute. The hostels have a total of 3000 nodes which will increase to approximately 5000 nodes. The academic LAN is about 2000 node sat present. However, this is likely to go up once the new buildings are included.

CCC LANCCC augments the academic departments' needs through its own modest LAN of 62 nodes (Ground Floor) and 84 nodes (First Floor).The ground floor hall is used for the first year computational practice laboratory and is available for other activities only after the lab-hours. The first floor hall is available for general purpose computing & browsing. The computers of CCC are used to support First year Computational Practice Labs, General Purpose Learning & Internet access, On-Line tests (Training& Placement) & various co-curricular and other student activities.

NITK is proud to have associated centers on the campus such as NITK-STEP, Nirmithi Kendra,

NTMIS Nodal Centre, R&D Centre for Building Materials and IGNOU Study Centre. These Centers have been created with support from agencies like GOI, GOK, DST, AICTE, District Administration and industries of the region. These Centers are effectively contributing in the areas of rural development, technology transfer, incubation of new entrepreneurs, training of Governmental and Industrial personnel etc., in which our faculty are also enthusiastically participating.

Campus amenities extended for faculty and staff, include three schools operating from within the Institute Campus. They also cater to the educational needs of the children of the people in the neighbourhood.

During the last few years the Institute administration; steered by our BOG, has taken major steps in improving the Health Care facilities for the students and families of the staff and faculty of the Institute. Empanelment of specialists to visit the Institute Health Care Centre for consultancy, Availability of specialists of Allopathy, Homeopathy and Ayurveda and tie-ups with leading hospitals of the region to provide speedy and cash- less medical treatment are a few of the special initiatives undertaken by the Institute. Services of experts are sought to offer counseling and psychological testing facilities for the benefit of students.

Industry-Institute Collaborations:

NITK understands that the objective of effective training of our students can only be met when we have meaningful and continuous interaction with industry. Accordingly efforts are on to enhance the interactions with industry in a variety of ways such as; Support derived from the Industry for establishing and upgrading the laboratories, delivery of academic courses by Industry experts, joint R&D Projects with industry houses, establishment of industry-sponsored professorial chairs, creating opportunities for training of faculty, staff and students in the collaborating industry and providing for content/skill up-gradation to industrial personnel. Active MOUs with industrial giants like L&T Construction, AB Volvo, PROSIM R&D, Robert Bosch, Mercedes-Benz Research & Development India, DELL, AMD, ONGC, ITI and Research Institutions like IISC, BARC, Mumbai, CMTI, CPRI, to name a few, stand testimony to such efforts. Professorial Chairs have been established with sponsorship from BOSCH, HP, and Ministry of Steel (GOI).

Training and Placement:

The Department of Training and Placement of the Institute facilitates on-campus recruitment and placement of our students and also arranges for their training/internship in Industry. NITK is ranked amongst the top-performing institutions in the country for campus placements. During 2013-14, about 203 reputed companies visited the campus, of which 122 companies were in IT/software domain while the others 81 were in Core Industries. Put together they recruited 91 % of our undergraduate students and 39% of our post-graduate students. While six of our top students have achieved a distinction for themselves and to the Institute by

getting offers above Rs. 20 lakhs P.A. The average package offered was Rs.7.73 Lakhs P.A. 110 students got double offers. One student of B.Tech CSE, 2014 Batch got offer in Google, Switzerland witha an offer package of Rs. 74.0 LakhsP.A.

This summer we had above 35 students visiting abroad for such internships.

Students' Activities:

NITK offers a vibrant and active student life with several opportunities being provided for co-curricular and extra-curricular activities to nourish and develop their innate talents. A number of students clubs working under the overall aegis of Students Council, and student chapters of professional societies like Institution of Engineers (India), ISTE, Computer Society of India and IEEE are hosting a large number of technical and cultural events throughout the year. Apart from the sports facilities the institute has a huge Students Activity Centre (SAC), Silver Jubilee Auditorium and a Special Stage, where the Students Council manages about 26 clubs for activities like Music, Debate, Dance, Drama, Star Gazing, Photography, Yoga, Art, Euphoria, etc. under the supervision of Faculty advisors, Dean Students' Welfare and SAS Officer. Activities like SPICMACAY, N.C.C. and N.S.S. are also encouraged in the Institute and separate units are established in the campus to provide necessary support. The Institute level cultural / sports competitions like CRESCENDO (the intra-institute cultural festival organized by the NITK Hostellers. It's like a mini Incident which provides a nice platform to exhibit and showcased the innate social and cultural talents and gives many others a chance to try something new for the first time) and PHOENIX(the annual sports meet organized at institute level. This adventuring sporting event organized by the hostellers), BHARATH DARSHAN,(the festival celebrating the cultural diversity of India has been conducted as regular features of the Annual Calendar of the Students Council. In this students exhibit the different cultural events of all the states of India thereby built an ultimate platform of social and cultural exchange) are organized annually to bring out the hidden talents of the students. Students of NITK also organize INCIDENT – national level cultural festival and ENGINEER –which is the Annual Technical Symposium of NITK Surathkal and is one of the largest of its kind in India which attract large number of students from different parts of the country.

Engineer is a completely different and mind blowing experience, which truly made students proud to be engineers. The events in Engineer truly test the capability of an engineer and give a chance to apply all the things that taught in the classroom in a practical scenario. Then the tech nites at the end of the day happens to be the confluence of plain technical genius and fun. More than thousands of students participated in this ENGINEER in numerous events, conducted in diverse fields of Computers, Mechanical Engineering, Material Sciences, Civil Constructions, Astronomy and Technological Management. TEDx conferences; is a recent edition in the ENGINEER by our students wherein luminaries coming from different spheres exchanged ideas with the participants. A record number of almost 3000 students participated in this edition of ENGINEER in more than 60 events, conducted in diverse fields of Computers, Mechanical engineering, Material sciences, Civil constructions, Astronomy,

Electronics, Chemical and Business Management. Held over 4 days during 16th-19th October 2014, some new attractions that added further colours to ENGINEER '14 were Organization of Engi Talks which brought forth eminent personalities from various fields to give talks that are idea based. For main shows this edition of ENGINEER had laser show, 3D Mapping with Technical DJ and concert by Raghu Dixit. In this edition, 'Big Waves' attracted huge participation with BSE associating with the flagship event 'BSE Stockaholic' which made this edition as one of the largest Techno Management fest of the country.

The new introduction in the almanac of Students activities was NIT Conclave. Started in 2011, NIT Conclave is a pan-NIT event aimed at proliferation of symbiotic exchange of ideas, information, skill and talent amongst the participating NITs. An aspect of this event is the effective sharing of knowledge, ideas and resource base to bring all the NITs at a uniform level of development, upholding the very concept of inclusive growth- the primary strategy for genuine progress of a nation. NITK, Surathkal hosted the 4th annual edition of NIT Conclave on 30th-31st August 2014. First 2 were at VNIT, Nagpur and the 3rd was at SVNIT, Surat. NIT Conclave'2014 witnessed participation of over 60 students from 15 NITs. The main agenda of Concalve'14 was improving training and placement by suggesting innovative ideas and stress management. All the NITs were asked to prepare a short presentation on innovations in training and placement and the best ideas were awarded. Experts in psychology were invited for talks and discussions on stress management along with guest talks on entrepreneurship and innovation. A team of recent NIT graduates also spoke about many future pan NIT events/activities which they hope to conduct to bring about more inter NIT sharing and connectivity. The event also included a cultural evening "Utsav" where students of NITK displayed music and dance performances.

In the field of sports NITK students were in the lead. They have participated in many tournaments and brought laurels to the institute. Here is a brief detail of the major achievements:

- B.S.A. Kumar Inter Collegiate Basketball Tournament Conducted by Yenepoya University: Basketball (Men) Team was Winner.
- Zest: All India Inter Collegiate Basketball Tournament conducted by Govt. College of Engineering, Pune. Boys Team : Winner
- Ragam Cup: Inter Collegiate Basketball Tournament held at NIT Calicut: Men- Winner, Women- Runner-Up.
- Organized All India Inter NIT Sports. Events: Football and Table Tennis.

Results:

1. Football (Men): Winner

2. Table Tennis (Women): Winner

3. Table Tennis (Men): Runner-Up.

❖ Results of All India Inter NIT Tournaments held at different NITs:

1. Aquatics (Men): Overall Team Championship.

2. Ball-Badminton(Men & Women)- Runner-Up

3. Basketball(Men) – Runner-up

4. Carom(Men): Runners-up

5. Throw ball(Women) – Runner-up

6. Tennis (Men & Women): Runner-Up

7. Volleyball(Women): Winner

8. **Overall stood 2nd amongst all India NITs.**

Our students also take part in activities like NCC, NSS, NSO, SPICMACAY etc, which give them an opportunity to be sensitive to many a societal issue. They voluntarily participate in different events like Blood Donation camp, Campus & Beach cleaning drive, Tree Plantation, Yoga and meditation camps, Value education, Internet-world for children, EDC and personality development programmes conducted in the institute by various forum.

While our own students have been selected for participation in national-level research internship programs like SURGE, SURA offered by IITs, IISc, CSIR Labs etc., NITK has initiated a Summer Internship Program for students of other Institutes to come to our campus and get value-added training during their vacations. Last summer, a total of 24 students were offered such internships which supported their travel and living expenses during their stay with us. A special initiative has also been taken to start Awareness & Self-enrichment programs and Finishing Schools for students of weaker sections through experts drawn from professional agencies.

Institute is providing 25 different types of scholarships to students in addition to regular scholarships offered by GOI and State Government. Initiatives like annual endowment lectures, student scholarships, medals for top performers and support for extra and co-curricular student's activities have been supported by members of our alumni, leading banks and other philanthropists. Agencies like GE Foundation, Bharti Foundation, KLET, NCERT, Jindal Industries, BMRCL, SPARSH, Hutti Gold Mines, Karthik Group of Companies, etc., have supported such endeavours.

NITK Alumni Association :

The Alumni association of the Institute with a membership base of more than 5000 has been partaking and contributing to the growth of their ALMA MATER through several activities. Initiatives like scholarships and travel grants to students, financial aid to needy students, campus greening, support to innovation etc., have complimented the institutional efforts in providing additional support to the activities of our students. The association is keen on further strengthening its linkages with the institute in terms of establishing a professorial chair and promoting a centre to facilitate transformations of innovations at NITK by entrepreneurs. The Silver Reunions of successive batches of graduates and Global Alumni meets conducted every two years are the events the alumni look forward to, to come back and rejoice the memoirs of their stay in this campus with nostalgia. To date, seven Global Alumni meets have been coordinated, the last edition was at San Fransisco, USA which attracted 350 Alumni's from all over the world.

Societal Commitment and Out-reach Activities :

The institute has made significant efforts to discharge its societal commitments by providing technical advice to the society in the neighbourhood. Special training programs are conducted to unemployed and under-employed youth in the neighbourhood through NITK-STEP and D.K. Nirmithi Kendra, Refresher programs are also conducted for in-service engineers from Govt-Agencies like KPWD, MESCOM and PMGSY and also from the leading industrial establishments in the region like MRPL and MCF.

NITK participated the All-India admissions for UG programs under the Central Seat Allocation Board (CSAB) and Centralized Admission for M.Tech program (CCMT) for the year 2013-14. Similarly Direct Admissions of Students Abroad (DASA) of GOI, for admissions to NRI/PIO/ Foreign Students in more than thirty centrally funded institutions for UG and PG programs was coordinated by us. In the case of DASA admissions, several new user-friendly features were introduced in the completely on—line admission processes.

Acknowledgement and Conclusions :

At this juncture, I personally acknowledge the support and encouragement received by us from the Chairperson and members of the Board of Governors. The members of the senate, all my colleagues - both faculty and non-teaching members have been very supportive of all the new initiatives being contemplated and implemented. Again, on behalf of all the members of Team-NITK, I wish to place on record, our gratitude to the MHRD-GOI, Govt. of Karnataka and other agencies for their constant support and encouragement.

I wish to take this opportunity also to convey my heartiest congratulations and best wishes to each one of you, graduands, receiving your degrees, awards and medals. I record my appreciation for your disciplined behaviour and keen participation in the activities of the

Institute. l am sure that your training at NITK has enabled you to become good human beings, responsible citizens and competent professionals, as put forth in the Vision Statement of the Institute. While reminding you of your new responsibility of keeping the NITK flag high, I assure you that all the wishes of us the teachers will be with you. We look forward to you starting a new association with your Alma Mater, as distinguished alumni who are highly successful in their professional lives. I, on behalf of all elders present here, wish you all emotionally satisfying and contented personal lives too.

I once again thank the Chief Guest of the Twelfth Convocation, Dr. Satish K. Tripathi , our Chairperson, Ms.. Vanitha Narayanan, members of the BOG and Institute Senate and all other distinguished guests for being with us today. I also record my sincere appreciation to all my colleagues and student friends, who have worked hard for efficient conduct of the Twelfth Convocation of our institute.

Thank you all,

Jai Hind

Chairperson's Biodata
Ms. Vanitha Narayanan
Chairperson, BOG-NITK, Surathkal

Vanitha Narayanan is the Managing Director of IBM India Private Limited, and the Regional General Manager for India/ South Asia (ISA). Appointed to this leadership position in January, 2013, she is responsible for all of IBM's sales, marketing, services and global delivery operations in the India/South Asia region, including operations in Bangladesh, Nepal and Sri Lanka. India remains one of the fastest growing countries for IBM and has emerged as a strategic location within the company's global services delivery network.

Having joined IBM in the US in 1987, Vanitha has over 25 years of experience working with multiple client sets and in several countries. Since 2009, she has been a part of the IBM ISA business, serving in roles as the Sales & Distribution Leader and recently as the Managing Partner for Global Business Services (GBS). Prior to this, she has served as the Vice President of Communications sector, Asia Pacific, and the Global Vice President for IBM's telecom solutions offerings.

She is a member of IBM's Integration & Values Team which is comprised of senior Global Executives who are selected by the IBM Chairman. In 2012, Vanitha was inducted into the IBM Industry Academy, a select group of experts, designed to advance IBM's industry thought leadership and brand. Vanitha also leads several leadership development & diversity initiatives for ISA and is the executive sponsor for developing the women's leadership pipeline.

Vanitha is a member of the National Council of Confederation of Indian Industry (CII) for 2013-14.

She has a Masters in Business Administration in Marketing from the University of Madras and a Masters in Business Administration in Information Systems from University of Houston - Magna Cum Laude. Vanitha is married with a daughter and is presently residing in Bangalore, India.

Biodata of Chief Guest
Dr. Satish k Tripathi,
President, University at Buffalo,
The State University of New York

Internationally recognized as an accomplished researcher and transformative higher education leader, Dr. Satish K. Tripathi was appointed the 15th president of the University at Buffalo on April 18, 2011.

The first international-born president in UB's history, Dr. Tripathi graduated at the top of his class from Banaras Hindu University in India. In addition to a doctorate in computer science from the University of Toronto, he holds three master's degrees—one in computer science from the University of Toronto and two in statistics from the University of Alberta and Banaras Hindu University.

In 1978, Dr. Tripathi joined the faculty of the Department of Computer Science at the University of Maryland, where his 19-year tenure included serving as chair from 1988-95. While on sabbatical at the University of Maryland, he also held visiting professorships at the University of Paris-Sud in France and the University of Erlangen-Nuremberg in Germany. From 1997-2004, Dr. Tripathi served as dean of the Bourns College of Engineering at the University of California-Riverside, where he nearly quadrupled the number of students and tripled the number of faculty at that institution and led its rise from an unranked program to a position in the upper half of the U.S. News and World Report Best Engineering Graduate Schools rankings.

Dr. Tripathi joined the University at Buffalo in 2004, serving as UB's provost and executive vice president for academic affairs until his appointment as president in 2011. As Provost, Dr. Tripathi led the recruitment of many prominent faculty to the university and oversaw a significant increase in the number of faculty hired to develop and enhance strengths in key areas of research and scholarly activity. As a result, the university achieved substantial increases in research expenditures and federally awarded research grants, putting UB in league with the top national research universities in the United States. Under Dr. Tripathi's leadership, the academic profile of UB's undergraduate and graduate students also has improved significantly. He led a number of efforts to enrich the educational experiences of UB undergraduate students by introducing programs designed to provide them with opportunities to engage in learning and research with UB's top faculty. He also oversaw the development of innovative "living-learning environments" constructed as part of "Building UB," the university's comprehensive physical plan.

Dr. Tripathi led a strategic planning process for UB's international programs that has led to significant expansion of the university's international presence and the continued globaliza-

tion of its three Western New York campuses. He signed a memorandum of understanding in 2005 with Indian Prime Minister Manmohan Singh to establish the Indo-U.S. Inter-University Collaborative Initiative in Higher Education and Research, which has led to a significant partnership between UB and Amrita University. UB's educational programs in Singapore, in partnership with the Singapore Institute of Management, also have experienced significant growth under Dr. Tripathi's leadership.

Dr. Tripathi was one of the principal creators of the UB 2020 long-range academic plan, and has led the university to achieve significant growth in research and scholarly activity, enhanced student quality and diversity, and an expanded international presence. Building on this strong foundation, Dr. Tripathi's vision for UB's future focuses on moving the university into the highest ranks of the nation's leading research universities through expanding its reach and impact locally as well as globally.

The University at Buffalo continues to experience a remarkable era of growth, progress, and innovation under Dr. Tripathi's leadership as president. Within his first year as president, the university has celebrated a number of major milestones, including the passage of the NYSUNY 2020 legislation that has led to historic reforms for UB and the SUNY system of public higher education as a whole. Since Dr. Tripathi assumed the presidency in 2011, the university has also opened five major building projects on its three campuses, celebrated a $40 million bequest that is the largest gift in university history, and is moving forward with a long-anticipated plan to relocate its medical school downtown into a world-class new facility that will be the hub of a thriving life sciences community in Buffalo. The university also recently received designation of a New York State Center of Excellence in Materials Informatics, positioning the university at the forefront of the rapidly expanding field of advanced materials.

An active leader in the national higher education community, Dr. Tripathi is a member of the Mid-American Conference Council of Presidents Executive Committee and the board of directors of the Council for Higher Education Accreditation (CHEA). A fellow of the IEEE and the American Association for the Advancement of Science, he has published more than 200 scholarly papers, supervised more than 30 doctoral and postdoctoral students and served on program committees of numerous international conferences. Among his numerous community leadership roles, Dr. Tripathi was appointed by New York State Governor Andrew Cuomo as co-chair of the regional economic development advisory council for Western New York and is a member of the board of directors of the Buffalo Urban League.

In 2006, Dr. Tripathi was awarded the honorary doctorate of sciences from the prestigious Indian Institute of Information Technology, Allahabad, the university's highest degree. He also has been honored with the 2009 Distinguished Alumnus Award from Banaras Hindu University.

Convocation Address

Dr. Satish k Tripathi,
President, University at Buffalo,
The State University of New York

Greetings! It is my great honor to take part in the 12th annual Convocation celebration of this distinguished institution.

I wish to extend my heartfelt thanks to Ms. Vanitha Narayanan, Chairperson of the Board of Governors; and Dr. Swapan Bhattacharya, Director. Thank you sincerely for this very special honor.

My thanks as well to the distinguished faculty of this fine institution. The achievements of the graduates we celebrate today are in so many ways a testament to your mentorship and guidance. As a proud product of Indian higher education, I have a special appreciation for the lifelong enrichment that educators bring to the students who have the good fortune of learning from them.

It is only because of the wisdom and dedication of my many faculty mentors over the years that I have been able to achieve what I have accomplished in my academic career over the past four decades. And I am confident that the graduates we celebrate today hold the same gratitude for the insights, mentorship, and opportunities you have provided them over the years.

Above all, I offer my heartfelt congratulations to all of the honored graduates gathered here today. It is customary to offer some words of wisdom to new graduates—as if you have not already heard enough advice over your student years! But if you can abide one more piece of advice before you officially graduate, I would like to share three principles I have learned and lived by in my own personal and professional life. I hope they will serve you well, as they have served me.

Here is how I would sum up these three core principles:

Set long-term ambitions—but always be ready to change course.

Be self-reliant—but always seek out the opportunity to learn from and with others.

Plan strategically and carefully—but always be willing to take risks.

These three simple ideas are the cornerstone of my philosophy—personally, academically, and professionally. They have been the foundation of much of what I have achieved thus far, and what I hope to accomplish yet.

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Let me say a bit more about what I mean by these ideas, and how I came by them. I will begin with the first principle: Set long-term ambitions, but always be ready to change course.

From a young age, I was encouraged to set high expectations for myself. My experience has taught me that it is equally important not to be limited by one's own aspirations. Having a clear and strong sense of personal direction is enormously important to success. But it is even more important to build a certain amount of flexibility into one's planning process.

While I consider myself a focused and goal-oriented person by nature, I also try hard to avoid a pre-determined path that might close me off to new possibilities and new opportunities. I pursue new interests as they come along—and when they do, I focus on giving them my best effort and best thinking.

I may not be successful in every case—and some of my success may be as much a matter of good fortune as of hard work and inspiring models to learn from. Nonetheless, I think the benefit of this mindset is that it has given me the flexibility to recognize and pursue new opportunities when they present themselves—whether it's an emerging new field like computer science and engineering, opportunities on a new continent, or an exciting chance to lead a major university at a pivotal period in its development.

I know that many of you, also, have set a very ambitious course for your professional success, and that many of you are well on your way down this course as you embark on advanced study or undertake positions in prominent multinational firms. I applaud your bold ambitions, and your initiative in pursuing them.

At the same time, I would caution each of you not to be so fixed in your intentions that you close new doors before they open. It is critical to cultivate a degree of intellectual nimbleness—so that you are ready to seize a new opportunity when it presents itself, and so you are ready to create your own opportunities.

I was a college student myself when I first understood the truth of this. I come from a long line of educators, and I have been focused on education for most of my life.

But while I knew I wanted to lead and contribute in the area of education from a very young age—following in the footsteps of my parents, grandparents, and great-grandparents before

me—I would never have envisioned that one day I would have the opportunity to lead a major American research university.

As a young person, I hoped, through hard work and perseverance, that I might one day become a high school principal, following in my father's footsteps. I would have taken great pride in that achievement. But other opportunities presented themselves along the way, and I am grateful that I had the foresight to recognize and pursue them.

Like many of you, I am a computer scientist by training. But I didn't originally set out to become a computer scientist. The computer science field itself was really in its infancy at the start of my academic career, and that continued to be the case as I first began to become interested in this discipline. It was not until after my graduation from BHU in 1970 that I first became engaged in computer science. In fact, as an undergraduate at Banaras Hindu University, where I elected to study on a physics, mathematics, and statistics curricular track, I had virtually no knowledge of the computer science field whatsoever.

What I did gain as a college student was the opportunity to engage with many brilliant and energized young students as well as incredibly generous mentors working at the cutting edge of their fields. Those opportunities played a tremendously important role in setting the stage for my personal, scholarly, and professional growth. And if I had not embraced these new perspectives—if I had not recognized them as the opportunities they were—I never would have achieved what I have done.

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That brings me to my second principle: Be self-reliant—but always seek out the opportunity to learn from and with others.

As a college student, and later as a graduate student, the opportunity to exchange new ideas and discoveries with other intellectually curious, energized, bright students—shaped my academic interests and professional path in profound and lasting ways. And the opportunity to learn from many top scholars was equally instrumental in shaping the course of my career at this early stage.

I've been lucky to continue that pattern at every institution I've been part of since, learning with and from some of the best minds in the field, first in India and then at top research universities in Europe and North America.

India's great institutions—including your own—have produced many top leaders in the academy and in business and industry today. The opportunity you have had to engage with

some of these great and creative thinkers will surely open up new horizons for you, as it did for me.

And this opportunity does not end with your graduation today. Whether you are continuing your education by pursuing graduate study in your field, or whether you are embarking on a professional career, I encourage you to continue to seek out opportunities to exchange ideas with others every day.

Speaking from personal experience, I don't think I will ever stop finding new things to learn from the colleagues and students I have the good fortune of working with. As a faculty member, then as a department chair, then as a dean, as university Provost, and now as President, I've had the opportunity to engage with increasingly broader groups of scholars, faculty and students—all working together, though in very different ways.

This experience has taught me that the truly big ideas and important discoveries take place at the intersection of many fields. They involve many minds working together, and many points of view approaching the same problem from different angles.

Here at NITK, you have no doubt experienced the great value of sharing ideas and perspectives across disciplines. This is the basis for nearly all of the great knowledge and important discoveries emerging from the world's laboratories, studios, and clinics today. Collaboration, the sharing of ideas, and the exchange of different viewpoints are essential to the creation of knowledge. No matter how brilliant your idea, it will almost surely be improved and strengthened by testing it against other theories—by looking at it through other vantage points.

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Of course, being willing to step outside of your own perspective, and opening your work up to the criticism and inquiry of others requires a certain amount of risk. But there is no growth without risk. And this is the basis of the third and final principle I'd like to share with you today: Plan strategically and carefully—but always be willing to take risks.

Risk-taking—that is, risk informed by experience and insight—is the basis of entrepreneurial success. As the old saying goes, "Nothing ventured, nothing gained."

I took a risk in the 1970s when I ventured outside of the established field of statistics to explore computer science—a field that was then in its infancy and known really only to a handful of scholars. I could not have predicted with certainty that this risk would pay off. But the knowledge I had already gained, thanks to the insights of my faculty mentors, prepared me to take this risk with confidence.

I took another risk when I left India to continue my graduate studies in Canada. A few years later, I ventured into the unknown again when I accepted a faculty position at the University of Maryland. Over the next 20 years, my colleagues and I built UMD's computer science department into one of the best of its kind in the United States and an international leader in the field. In many ways, it was a golden age for computer science, and we were helping shape the field at a very exciting time.

So when I was presented with the opportunity to move across the United States to become Dean of the new Bourns College of Engineering at the University of California, Riverside, this was by no means an easy decision to make. My family and I were leaving a position of great stability and comfort for an unknown situation thousands of miles away.

We had no way of knowing if this risk would pay off. But our previous experience gave us confidence to undertake this new challenge, and I am very glad we did. During my time as Dean from 1997-2004, we grew the engineering school tremendously, hiring dozens of top faculty and tripling enrollment.

Six years after arriving in California, a new opportunity arose at the University at Buffalo, a major research university with over 28,000 students. While we were very happy in California, my wife Kamlesh and I recognized this as a great and life-changing opportunity. So I became Provost at the University at Buffalo, helping to lead a long-range strategic plan that has achieve d transformational outcomes in interdisciplinary research, faculty growth, and education. Seven years later, I was presented with the opportunity of a lifetime—to become President of the University at Buffalo.

I've had the honor of serving as President for more than three years now. And I am very pleased to tell you that every day, new opportunities present themselves. That is not just chance. Our university is reaping the benefits of these opportunities because we had the foresight years ago to map out a long-range strategic plan for our institution. That strategic plan continues to guide us today.

It has proven very successful because it is characterized by all the principles I've laid out here today: It represented a clear and ambitious vision for the future, but has proven flexible enough to allow us to pursue new avenues for growth as they arise. It has been a truly university-wide process founded upon collaboration across the disciplines. And it has involved a degree of informed risk-taking that has enabled us to realize genuine transformation across our campuses.

Now we are seeing these plans come to fruition—and give rise to new opportunities and bold ventures. And UB is playing an integral role in the Buffalo's region's resurgence from a

manufacturing-based economy to a knowledge-based economy because of our leadership in areas like advanced manufacturing, health sciences, data analytics, arts and culture.

As I think UB's example demonstrates, undertaking risks with confidence depends upon having first planned with the flexibility to seize opportunities when they arise. In this sense, the principle of informed risk is closely connected to my first principle. And so I have come full circle in my remarks to you today.

Of course, there is no magic formula for success. And every person must find his or her own path in life. Following the advice of others—no matter how wise or well-intentioned—can only take us so far. There comes a point when each of us must choose our own way.

You are at that point right now. You are ready to chart your own course forward, building on the knowledge and first principles you have learned as students here at NITK Surathkal, and the mentorship and guidance of your faculty mentors.

Over the course of your education, you have been studying, experimenting, and practicing not just for the "now" but for the future—for jobs and societal roles that may not yet exist. As a result, you are ready to solve unknown challenges, anticipate unseen trends, and answer questions no one has thought of yet. You are ready to recognize opportunities when they come your way, and ready to seize these opportunities when they arise. You are ready to contribute new knowledge and new discoveries to the world—and you are ready to enhance this knowledge through collaboration and dialogue with others. You are ready to take risks with confidence.

Today's world is very much a globalized one. And as graduates in the 21st century, you are competing in an international labor market. And the knowledge you have gained as students at NITK has prepared you especially well for this world.

You are the kind of educated citizens our global world needs in the 21st century. The global perspective, intellectual nimbleness, and hands-on experience that you've gained as NITK Surathkal students will serve you well. You will find that these qualities are in high demand—in every field and every corner of the world.

Let me give you one example. Google is one of the world's leading tech companies, and competition for jobs there is fierce. Recently the New York Times talked with Google's chief human resources officer about the criteria they use in hiring for these coveted positions.

His answer was illuminating. You might expect he named things like class rank, transcripts, test scores, and demonstrated aptitude in computer science and coding. Instead, more than any of these traditional measures, Google considers a very personal set of characteristics

in choosing employees. Those include: a love for constant learning, a capacity for both leadership and collaboration, and a combination of intellectual boldness and humility—the ability to take risks while learning from failure.

These are not unlike the three principles I have just outlined today. And you have been honing these qualities throughout your time as students at NITK.

As graduates, I encourage you to carry these values with you. These values are critical because they are the necessary ingredients for genuine innovation. And innovation is not just the province of science and technology. It is the foundation of discovery, original thought, and creative expression in every field—from the fine arts and philosophy to the study of language and the practice of law.

As graduates, you are ready to make a profound difference as the next generation of global leaders in your fields—here in India and around the world.

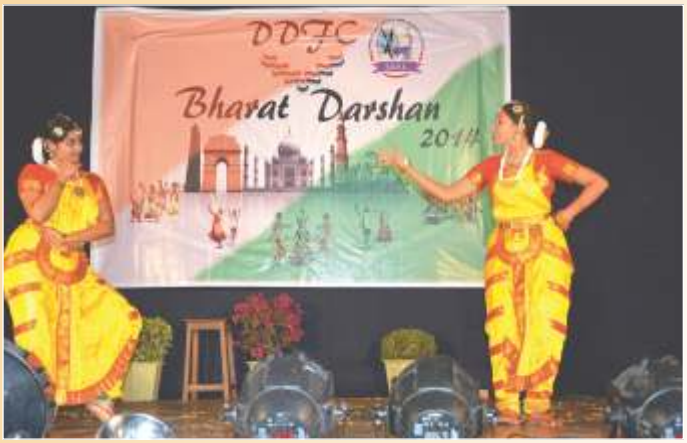
This is a very exciting time for India in particular, bringing many opportunities to help solve the nation's most pressing problems and build its promising future. You have the tools to seize these opportunities to the fullest. As graduates of NITK, you are fully equipped to play a leadership role.

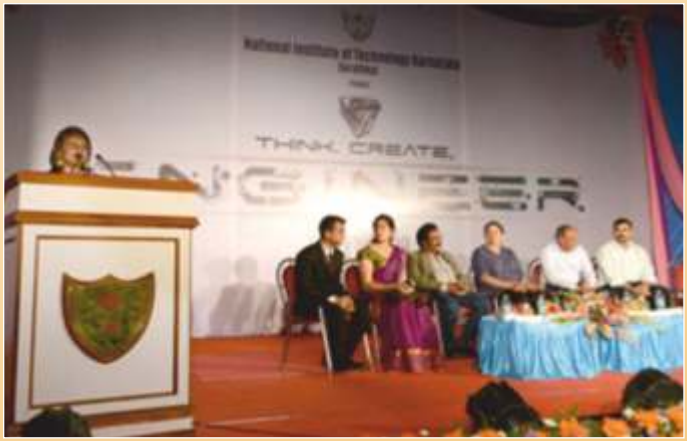
Now India, and the world, are eager to see what doors you will open next—what great innovations and contributions you will make with your education.

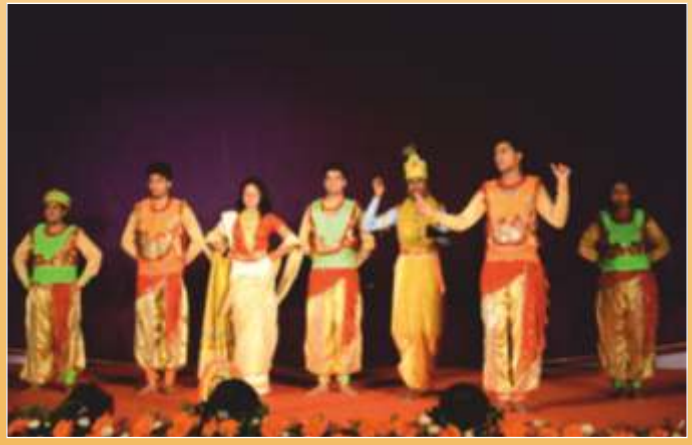
Congratulations! And all best wishes for much success!

Eleventh Annual Convocation

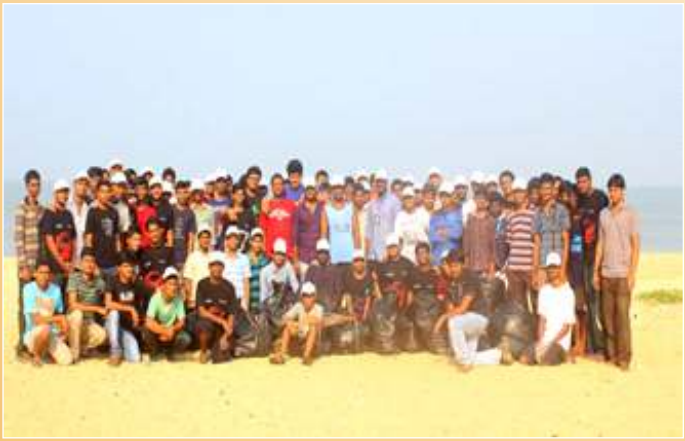
Student Activities





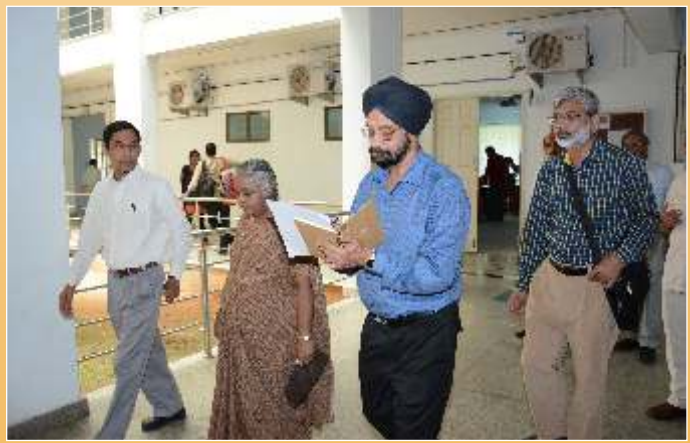


Major Milestones



MoU with VOLVO

Major Milestones



Gold Medallists
List of Prize Winners
List of Graduands

Gold Medalists

Master of Technology

	Parvathi S	Marine Structures
	Irshan Verma	Remote Sensing & Geographic Information System
	Priya Philip	Water Resources Engineering & Management
	Sruthy C	Chemical Plant Design
	Anisha Kurup	Industrial Biotechnology
	C Maheswari	Industrial Pollution Control
	Khadeeja Henna P	Construction Technology & Management
	Sudeeptha G	Environmental Engineering
	Reeba Mary Varghese	Geotechnical Engineering
	Sunil D V	Structural Engineering

	Sharon Jacob	Transportation Engineering
	Murali K	Computer Science & Engineering
	Sarath Chandra Prasad Gingupalli	Computer Science & Engineering – Information Security
	Ritty Raju	Power & Energy Systems
	Pradip Kumar Barik	Communication Engineering
	Shetty Dheeraj Muddhu	VLSI Design
	Ravi Mittal	Information Technology
	Rajarshi Bhowmik	Systems Analysis & Computer Applications
	Deore Kunal Mohan	Manufacturing Engineering
	Geo Davis	Manufacturing Engineering

	Sivaranjani J	Mechatronics Engineering
	Chetan Kumar B V	Thermal Engineering
	Nair Krishnadev Radhakrishnan	Materials Engineering
	Moab Rajan Philip	Nanotechnology
	Swati Agarwala	Process Metallurgy

Master of Computer Applications

Koustubh Sarkar

Master of Business Administration

Sayelee Gupta

Master of Science

Pearl Zynia Fernandes — Chemistry

Amrutha S V — Physics

Bachelor of Technology

Pavan N — Chemical Engineering

Arjun Narayanan — Civil Engineering

Chetan Dugar — Computer Engineering

Abhishek Raghu Malali — Electrical & Electronics Engineering

Akshay B Pattabi — Electronics & Communication Engineering

Anirudha R C — Information Technology

Karthik N S — Mechanical Engineering

U Pranav Nayak — Metallurgical & Materials Engineering

Chiranth M Hegde — Mining Engineering

List of Prize Winners

Dr. B.S. Samaga Award for the student with best academic record in M.Tech. (Thermal Engineering)	Chetan Kumar B V
Prof. K.R. Hebbar Gold Medal for the student with best academic record in M.Tech. (Materials Engineering)	Nair Krishnadev Radhakrishnan
Smt. Sarojini Pillay Gold Medal instituted by Prof. T.C.M. Pillay for the student with best academic record in M.Tech. (Process Metallurgy)	Swati Agarwala
Dr. Saroja R Hebbar Gold Medal for the student with best academic record in Master of Computer Applications (M.C.A.)	Koustubh Sarkar
Prof. G.H. Kulkarni Gold Medal for the student with best academic record in M.Sc. (Chemistry)	Pearl Zynia Fernandes
Mohan V Hosur Gold Medal for the student with best academic record in B.Tech. (Chemical Engineering)	Pavan N
Prof. M.N. Shivashankar Gold Medal for the student with best academic record in B.Tech. (Civil Engineering)	Arjun Narayanan
Dr. R.K. Yaji Gold Medal for the student with best academic record in B.Tech. (Civil Engineering)	Arjun Narayanan
Prof. M.R. Shenoy Memorial Prize for the student with best academic record in B.Tech. (Electrical & Electronics Engineering)	Abhishek Raghu Malali
Prof. K.M. Hebbar Gold Medal for the student with best academic record in B.Tech. (Electrical & Electronics Engineering)	Abhishek Raghu Malali
Karthik Alloys Gold Medal instituted by Sri. Bhupal Gopala, Chief Promoter of Karthik Group of Companies, for the student with best academic record in B.Tech. (Metallurgical & Materials Engineering)	U Pranav Nayak
Prof. H.V. Sudhaker Nayak Gold Medal for the student with best academic record in B.Tech. (Metallurgical & Materials Engineering)	U Pranav Nayak

SMIORE Gold Medal for the student with best academic record in B.Tech. (Metallurgical & Materials Engineering)	U Pranav Nayak
Hutti Gold Mines Medal for the student with best academic record in B.Tech. (Mining Engineering)	Chiranth M Hegde
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Mechanical Engineering)	Karthik N S
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Electrical & Electronics Engineering)	Abhishek Raghu Malali
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Civil Engineering)	Arjun Narayanan
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Electronics & Communication Engineering)	Akshay B Pattabi
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Chemical Engineering)	Pavan N
1986 Batch Gold Medal for the student with best academic record in B.Tech. (Metallurgical & Materials Engineering)	U Pranav Nayak
Prof. K. L. Bhat & Prof. P. Prasad Rao Gold Medal for the student with best academic record in M.Tech. in the Division of Mechanical and Chemical Systems	Sivaranjani J
Prof. Shuichi Torii Gold Medal for the student with best academic record in B.Tech. (Mechanical Engineering)	Karthik N S

List of Graduates

Doctoral

Harish N
Prashanth J
Khandekar Sachin Dadu
Shwetha
Ankita Khanna
Ayare Atul Balawant
Pavithra Kumari
Garudachari B
Madhuprasad
Pradeep Kumar
Sampath Kumar H C
Sandya Rani
Shrikant
Subrahmanya Ishwar Bhat
Ahipa T N
Jayamohan J
Kulkarni Kishor Sitaram
Bhygayalaxmi
Patki Vinayak Krishnaji
Poornachandra Pandit
S B Karajgi
Mruthyunjaya Kappali
Savitha H M
Lwaa Faisal Abdulameer
Raghunadhan T
Sukanya Shetty
C Somashekar
Megha P Arakeri
Roopalakshmi R
Kiran M
Balaji S
Shobha M E
K Karuna Kamath
Krishna Prabhu B
Lalbondre Rajshekhar Shankar
Madhusudhan
Saravana Bavan D
Raghavendra H
Rajath Hegde
James Valder
Padmayya Shaniyara Naik
Satyanarayan
Mallikappa
Manjunatha K B
Sadananda Kumar N
Shelar Vikas Manohar
Aparna P I
Nandini K
Karanth Vijay Ganapati Ramesh
Naik Anant Jaivant
Vasantha M H
Rijesh M
Jegadeeswaran N
Dilna Damodaran P V
Sreekantha Jois H S
Allamaprabhu S Kamatagi
Rekha S
Raju A
Akshatha Shetty
Shree Laxmi Prashant
Ganesh Reddy Karri

Master of Technology

Marine Structures

Bokka Abhilash Reddy
Deepthi I Gopinath
Gummadi Anil Kumar
Jayanawar Deepali Shetyappa
Jinesh Kumar V
Kassetti Balakrishna
Kidambi Indu Sowmya
Parvathi S
Parvathy K G
Pothineni Sri Ram Kumar
Ramesh Reddy Mallidi
Ranjan H S
Ranjith N P
Sainath Vaidya
Saneesh S
Sherin Shihabudeen
Sruthi G S
Vinayak Mahantesh Shettar
Vishnu S Das

Remote Sensing & Geographic Information System

M.Tech. (Research)
Vishwanath M

M.Tech.
Alina Nero
Bhanu Magotra
H A Vinod Kumar
Harith K H
Irshan Verma
Janesh Krishnan P K
Nujuma Nazimudhin
Priyamitra Munoth
Rajisha C
Rizana Salim
Shaakir Shabir Dar
Soorya P P

Water Resources Engineering and Management

M.Tech. (Research)
Chaya D Y
Shalini G B

M.Tech.
Anoop R
Ashwathi V K
Dhote Pankaj Ramji
Neenu K
Nimiya Baby
Priya Philip
Sandeep Wathar
Shilpa D N
Ashwin V Somkuwar
Sujay Raghavendra N
Sukanya J Nair
Sunil Basappa Itnal
Yehalegaonkar Shantanu Khanderao
Joe Prasad

Chemical Plant Design

Amit
Divya P Soman
Guruprasad Talekar
Najla Rahman C
Nitin Yadav
Mohammad Salabat Khan
Sruthy C
Arundhati

Industrial Biotechnology

M.Tech. (Research)
Ardra P
Sowmya B
Anitha N

M.Tech.
Achla Sharma
Anisha Kurup
Anushka Bejoy
Arathi S
Debasis Mallik
Deshpande Pratik Prakash
Dhanaraj Nelapati
Gaurav Kakkar
Harshal Soni
Harshita Singh
Ilanila I P
Jyoti Verma
Kartik Gehlot
Lovely
Loya Rajesh
M M Tejas Namboodiri
Manoj
Rashmi R Kurli
Santosh Kumar
Santosh Kumar P
Sreeparna Biswas
Swati Patel
Vineetha Lekshmy P V

Industrial Pollution Control

Akhil K Ramesh
Alok Kumar Singh Chauhan
Anusmrithy S S
C Maheswari
Dinulal C
Keerthana S
Kiruthika M
Rachamchetty Chetan
Rohith Prasad T D
Sakthi Swaroop B
Sandhu Alosious
Sanket Yadav
Shalin P M
Sneha Shet
Sudha Bisanalli
Surobhi Pal
Taskeen Salim Shedde
Ternikar Chaitali Rajendra
V Manoj Abhinav Karreddi
Ved Tripathi

Construction Technology and Management

Abhishek Ray
Ajay Srinath R
Alisha P
Arjun V R
Bansode Dnyaneshwar Dattatray
Deepak Koshy Mathew
Deepak Prasad J
Hashim Mohammed Yousuf
Hasin M K
Karthik Shetty K
Khadeeja Henna P
Maria Michael
Mithun K A
Nanduri Sudheer Kumar
Penupothula Raju
Renjith J Nair
Rinsha T V
Sai Lavan G
Santhosh J
Shubhananda Rao P
Subash N B
Suryavanshi Onkar Ramchandra
Vijaya Kumar V
Vishnu Raj K

Environmental Engineering

Arun Kumar Ghodki
Charu Sharma
Danghmei A Pouganglung
Gudelli Vikas Chaitanya
Jerin Jose
K Vikram Reddy
Lolitha Ravi
Meera Varghese
N Piraiyamutham
Nagar Nupur Anoop
Narendra Singh Kushwaha
Naveen Kumar Chaturvedi
Rahul Gautam
Rajin K V
Shalini Kumari
Sravya Lanka
Sudeeptha G
Sujatha A M
Syama I J
Varada Vijayaraghavan

Geotechnical Engineering

Anju M J
Deepa A V
Dinesh N
Hridya S
Kalyani Vijayakumar
Patil Yashodeep Ravsaheb
Pavankumar C
Rajalakshmi T R
Reeba Mary Varghese
Renjith S Anand
Shoiab Mubarik
Urmila Rajendran

Structural Engineering

Divyadev C M
Febin V Kuriakose
Gadamchetty Naga Sruthi
Jose Tom
K Bala Krishna
Kampa Ravinder
Kiran Dhamannavar
Kiran Gubbannavar
Mohd Shahid M Goundi
Mudunuru Naga Sandeep
Neeraja Nair
Pilla Chaitanya Chandrasekhar
Sarella Vivek
Seelam Ramanjaneyulu
Sesetty Venkata Sudharshan
Shashi Kumar M B
Shiva Kumar K S
Sri Rama Krishna Kavuluru
Sunil D V
Shirsath Swapnil Kashinath
U Gautham Krishnan
V N R Chandra Kavikondala
Vimal Chaudhary
Vittal Channappa Naykar
Vivek V B

Transportation Engineering

Akash Anand
Anant Gupta
Anurag Thombre
Avinash
Bonela Someswara Rao
Chandni J Basu
Chinju Chandran
Jenitta P
Kunal
Manasa Kalani N H
Naveen B
Nivya George
Patnala Venkatesh
Roopak Phadnis
Saswati Das
Satish Karishekki
Shajila D S
Sharon Jacob
Shilpa S S
Shriram P Marathe
Sneha N S

Computer Science and Engineering

Akashdeep Debbarma
Suryavanshi Amol Ramdas
Aneesh G Nath
Anirban Chakraborty
Arijit Mallik
Dhadse Jivak Sudhakar
Gautam Lekhak
K Vamsee
Kannuru Devi
Kannuru Dharani
Mohammad Enayat Ansari
Murali K
Panchumarthi Vasanthi
Pulapa Siva Bhaskar
Purnima Korram
Radhanpara Vishal Anil
Ravi Ganpat Mude
Reshma R
Retheesh V V
Sourav Verma
Sujith P S
Tarun Jain
Tejaswi Kumar Kommana
Tom Joy
Vinay Kumar Singh
Vishnu Datt Mishra
Yamanappa

Computer Science and Engineering - Information Security

M.Tech. (Research)

Abhinav Nath Gupta
Abhilash M H
Ajay Anto
Alok Kumar
Anupa J
Arun D
Bommisetti Sravanthi
Chetan Chauhan
Ganesh Dadaji Sonwane
Jagveer Singh

Jushrita Gaigawali
Khobragade Ghansham Lukhram
Limburkar Onkar Govindrao
M Marimuthu
Narendra Singh
Prabhjot Singh
Radhika B S
Rahul Joseph
Patil Rajendra Shivaji
Rasal Sonam Madhav
Rishik Kumar
Sarath Chandra Prasad Gingupalli
Satish Kumar Nirmalkar
Shivakranthi Battula
Spoorthi V
Ujan Mukhopadhyay
Velamala Praveen
Patil Shahaji Shankar
Raghavendra M Ichangi

Power and Energy Systems
M.Tech. (Research)
Arthi Sahaya Rones V
Geethi Krishnan
Shruthi B S
Vanjari Venkata Ramana
Balineni Bhaskar
Chinna Karasala
Cirivelu Bhanu Teja
Karanam Ravi Kumar
Koduri Nagarjuna
Londhe Apurva Appasaheb
Lopsang Sherpa
Marakala Subrahmanyeswara Rao
Meghana Ramesh
Muhamed Noufal C
Naguru Shahansha
Nuvvula S S Rama Krishna
R T Prasad
Ritty Raju
Sadineni Gowtham
Santosh B
Sapthami J
Uday Kumar Sharma

M.Tech.
A G Priyanka
Aluru Divya Teja
Anupam Vinay Surin
Athira S Menon

Communication Engineering
M.Tech. (Research)
Jokhakar Jignesh Dhr uvakumar
Nishant Joshi D
Kandula Sudhamayi
Kulkarni Atul Marutirao
Kumar D
Mansi Awasthi
Moola Venkat Reddy
Nandanwankar Abhijeet Sumant
Padwekar Madhuri Kawadu
Panse Harshada Jaipramod
Pradip Kumar Barik
Rajesh R
Ram Sharma
Ravula Madhubabu
Rupesh Kumar Sahu
Santosh Subedi
Saritha E
Saubhagya Das
Sravan M S
Kancharla Subba Reddy
Vinuth R K
Puspendra Kumar Upadhyay

M.Tech.
Ajay Kumar Sahu
Anu Chechi
Athul M
Ganesh Vijayappa Awati
Boosi Sreenivasulu
E J Raja Sabareesh
I Srikanth

VLSI Design
M.Tech. (Research)
Basti Bharath Shenoy
Vasudev Anand B
Dadi Sathish
Sushil Vinod Gajbhiye
Gautam H K Upadhya
Juwarkar Salil Sudin
Kanamarlapudi U M Karthik
Kapil Ahuja
M Krishna Uppalapati
Maloth Purna
Muhammed Asif K T
Vishal Narkhede
Ninawe Swapnil Durwas
Rachamani Naresh Raghava
Rajesh Nirdoshi
Rakesh Kumar Panwar
Sajith Sankar K P
Sanoop V L
Shetty Dheeraj Muddhu
Sreejith S
Sunil H N
T Srinivasula Reddy
Sadeque Reza Khan
Venkatesh Prasad T V S

M.Tech.
Abid K
Ajay Kumar Naik Guguloth
Aparna V T
B V S Raghavendra Sarma
Bhaskara Sreenivas
Chawra Nitin Jayant

Information Technology
M.Tech. (Research)
Anjaria Malhar Sunil
Subhayan Mukherjee

M.Tech.
Alok Kumar
Anamika Joshi
Ankur Singh
Anupama Sikchi
Eswaraiah Gorla
Falke Pratik Ankush
Hitesh Singhal

Kokane Amol Tulshiram
Linda J
Lokesh Sahu
Bhuvaneswari M
Madivi Rakesh
Neha Bajaj
Patel Smit Babubhai
Peeyush Kumar
Prashant Jha
Pratik Paran
Praveen
Priyank Rastogi
Puranshetiwar Shashank
Rajanna Bandaru
Ravi Mittal
Rinku Goel
Subhendu Das
Uyyala Shivani

Systems Analysis and Computer Applications

Adireddi Praveen
Aditya Kumar Prajapati
Amireddy Trinadh
Bolenedi Satyanarayana
Chanchal Gahlot
Dharamvrat
J Manoj Kumar
Kathrotiya Nimesh Himmatbhai
Kaushik Patidar
Kolli Chinmayi
Lekshmy D Kumar
Madan Mohan Mishra
Manish Jat
Nishu Nishant
Perugu Subbarao
Raghu Basarimarad
Rajan
Rajarshi Bhowmik
Rohith Kumar S
Shravya V
Swarna Ramya P
Uttam Kumar Sarkar
Vipina K K

Manufacturing Engineering
M.Tech. (Research)

Sanjeev N K
Abhay Kumar Singh
Ajmal Sherif
Deore Kunal Mohan
Gavade Karnajeet Ranjeet
Geo Davis
Honrao Anil Arun
Jitender Kapoor
Jyoti Gautam
Manoj Kumar Hilalpure
P Pranith Kumar Reddy
Sahaj Harnal
Sajin S
Sanyam Khanna
Vivek Mani Tripathi

Mechatronics Engineering
M.Tech. (Research)

Avinash B
Neeraj Dnyaneshwar Darwai
Usha S

M.Tech.

Amit Verma
Anantha Krishnan B
Ankit Chauhan
Anusha M N
Aparna G J
Champavat Gowtham
Geevarghese K P
Lokesha
Mandipalli Naresh
Manish Chaurasiya
Manju Keerthi B S
Nikhil Kumar
Pradeepta Sahu
Ranu Jaiswal
Rishab Raj
Rohit Shukla
Shah Trushar Rohitkumar
Siddhartha Suresh Rao
Sidharthan S
Sivaranjani J
Syed Moin Basha
V K Lakshmi Prasad
Vino Peterson J
Vivek Kharwar
Mohan Kumar O
Sanjay H G
Sreeraj A S

Thermal Engineering
M.Tech. (Research)

Raviteja S
Srikanth N S

M.Tech.

Animesh Sharma
Arun C John
Pranay Rajendra Bhoyar
Chetan Kumar B V
Dalavi Bapusaheb Dattatraya
Jitendra Kumar Yadav
K M Mahesh
Neeraj
Pillu V Mohan
Praveen Kumar Hirwani
Pushpender Kumar

Materials Engineering

Ajay Kumar
Amit Kumar Singh
Anil Rathod
Ankit Kanaujia
Arun V K
Avin M
Deepak D Manjila
Denix M Sebastian
Fouad Ebn Muhammed Abdulla
K A Sandeep
Kiran Raphael P
Mahesh Patel
Manjunatha
Nair Krishnadev Radhakrishnan

Navdeep Vyas
Nithin H
Prabukumar C
Prasanth A B
Prateek Chandna
Sharath P T
Vinay Kant Singh
Vishnu Girish C
Vishnu V
Pramodhini M P

Nanotechnology

M.Tech. (Research)
Abu Bakar Siddique

M.Tech.
Abhilash R

Guguloth Hareesh
Haripriya R
Kothapalli P S S Praneeth
Moab Rajan Philip
Namanu P
Ruchi Sharma
Sandeep Singh Chauhan
V Amarnadh Surapaneni
Raghavendra R M

Process Metallurgy

M.Tech. (Research)
Mahesh V P

M.Tech.
Arun T A

Baskaran T
Bhalganiya Jagdish Kalyanbhai
Gramopadhye Shrinivas Rajendra
Kondepudi Srinivasa Chaitanya
Nagaraj Byali
Pranesh Rao K M
Rajneesh Verma
Roshith Raghavan
Santosh Maruti Salunkhe
Shaik Abdul Rahim
Swati Agarwala

Rock Excavation Technology And Management

M.Tech. (Research)
Modi Jemishkumar Vijaykumar
Raja S

Master of Computer Applications

Abhishek Goswamy
Akanksha
Akanksha Kapoor
Alok Gupta
Aloke Francis Ekka
Altmash Rahmani
Aniket Kumar
Anindita Dutta
Anshu Jain
Antim Chouhan
Apoorva Karkare
Arushi Agarwal
Ashok Kumar
Avinash Kujur
Avinash Meena
Awinash
Ayush Sinha
Bandarupalli Sivakrishna
Bhupendra Kumar Bhoi
Bhupesh Rajora
Chebrolu V Nageswara Rao
Chetna Rajput
Dhirendra Kumar Pandey
Diwakar Kushwaha
Eshita Podder
Esmita Ekka
Gaddam Nagaraju
Gargey Sharma
Gaurav Kumar
Gaurav Singla
Gautam Kumar
Gori Shanker Suthar
Haider Ali
Harkaran Singh
Hema Manwani
Hemant Singh
Ishwar Arya
Jai Prakash
Jay Sharma
Jhanver Chand Sharma
Kamal Kishore
Kapil Kumar
Kausar Neyaz
Kaushik Mondal
Kavita Yadav
Khushbu
Koustubh Sarkar
M V Narasimha Murthy
Mahmood Alam
Mamta Modi
Manish Jain
Manoj Kumar Solanki
Manupriya Tewari
Mara Rajashekar
Mohit Agrawal
Mriganka Duwarah
Mugala Nagaraju
Neha Meena
Nikhil Gupta
Nishedh Kumar
Owais Khan
Pankaj Choudhary
Parshuram Singh Thakur
Pintesh Kumar Choudhary
Prachita Garodia
Pragya Munshi
Pushpraj Singh Bundela
Rachita Dua
Rahul Kumar
Rahul Sarkar
Rajeev Kumar Kaushal
Rajiv Kumar Saini
Sameer Kumar Mishra
Sandeep Kumar
Sanjay Suryawanshi
Sapan Jain
Satyaprakash Rathore
Shashi Ekka
Shilpa Rajora
Sukhdev Singh
Sumit Barla
Sumit Kumar
Vaishnavi
Vandana Kumari

Venkatesh Vasudeva
Vikas Kumar
Vikash Kumar
Yashwant Narayan Singh
Yogendra Kumbhkar

Master of Business Administration

Aarthi V B
Abhinandan Choudhury
Aditya Pachori
Ajinkya Deepak Ninawe
Akash Mohanty
Ankit Dureja
Ankit Patel
Anubhav Grover
Anurag Sarkar
Debolina Roy
Devesh Thapliyal
Dharmendra Kumar Singh
Divakar Kumar
Gaurav Banerjee
Govind Kumar Gupta
Joy Shubhro Das
M Inaitulla Beig
Madhuri Kerai
Manoj Sukdeo Chunarkar
Marshal Haroun G
Muhammed Mashood
Naveen K
Neeraj Kumar
Pankaj Kumar
Ragvendra Kumar
Ravi Kumar
Rongala Venkata Ravi Kiran
Shrisha S
Sachin Kumar
Shrikar B
Salman Usman Mohammad
Santosh Kumar
Saurabh Kumar
Sayelee Gupta
Kynsailin Snaitang
Shruthi Hebballi
Subrat Kumar Singh
Sunil Kumar Moharana
Suraj Baliga P
Swati Verma
Tanveer Kaur
Vani K
Vinay Vimal Hirakki

Master of Science

Chemistry

Anusha Mathew
Caren Tresa Pinto
Dharmendra Bhaskar Naik
Geethamma G
Jeevan
Nikhila Kashyap D M
Pearl Zynia Fernandes
Ram Kumar V
Ramchandra Sudhakar Naik
Sahana S
Sarin P
Smitha K
Suchetha B Shetty
Sudina V
Tejas Vasudev Watve
Thejashwini A
Thippeswamy S
Vijil A T V

Physics

Amrutha S V
Anisha C S
Aparna Bisht
Ashwini
Divyashree K S
Garvita Jaiswal
Kevin Rodrigues
Lakshmi B Naik
Sivakumar R
Rajeev N
Ranjana Doddamani P
Ranjitha B C
Rohit Katti
Shivaranjini Y
Usha K Hasyagar
Vijaya A R
Yedukrishnan N P
Afraz Hussain
Greeshma C Jose
Mahesh C K
Smita S M
Vinayaka Harshothama Damle

Bachelor of Technology

Chemical Engineering

Aaqib H Azaam
Achint Sanghi
Aditya Battu
Aditya Nair
Amit Abraham Mathai
Ananya Ravi
Anindita Ravikumar
Anirudh Srinivas M
Arvind Krishnan
Aysha H Anjum
Chethan M
I Vasu
Jason Navin D Souza
K Geedhika
Kevin Sunny
Khadatkar Rashmi Shrawan
Kilaparthi Ramesh
Manav Agarwal
Mashhoodul Hassan Nakhuda
Mohan Lal Meena
Naveen Kumar M M
Nitin Bhargav
Paritosh Yadav
Pavan N
Prashant V D
Raghav Rammohan Ishwar
Raghavendra K T
Ramya Anand S
Roopesh Rangarajan
Sachin S Pai
Sandeep Saini
Shashwat Kashyap
Shetty Sharan Harinath
Soharav Singh
Spandhana Gonuguntla
Subhash Kumar Dev

Sunil
Tony Sebastian Madona
Tushar Gupta
V Afzal Hussain
V Shanmugam
Vaibhav Chauhan
Vivek Prakash
Aniket Sandip Mule
Arko Biswas

Civil Engineering

Abhijit G Hegde
Adarsh Patil
Aditya Tiwari
Ajay K
Aman Mandlik
Antony Justin
Arjun Narayanan
Thayat Arun
Ashish Kumar
B Theja
Balkrishan Meena
Dheeraj Tomer
Digamber
Dikshith B S
Harish Kumar Chauhan
Himika Bolia
Hitesh Prabhu
Ibrahim Zaid
Jangamreddygari Niveditha
Jaywardhan Singh Rathore
Kratika Gupta
Krishanu Chandrakar
Kriti Singh
Kushal Kumar Gowda
Lokesh Kumar
Lunawat Samkeet Sanjay
M Ashrith Amin
M Padmini
Mallinath Biradar
Meryl Sara Jacob
Mohammed Ali Fasil
Mohammad Sadiq Raza
Mohan Kumar Naik J
Mohit Milind Durge
Mohit Soni
Moran Singh Tamsoy
Muhammad Tahir Anwar
Mukesh Kumar Devanda
Nilmani
Niranjan A
Niranjan Kumar
Nirdesh Kumar
Nitesh Kumar
Niwesh Koirala
Nizam Mohiyudheen
Parushya
Prabhat Kumar
Prabhath R Upadhya
Pradeepkumar I Badiger
Prahlad
Pramod Kumar Mourya
Pramod Singh
Prathipati Vivek
Pratish Sanjay Modi
Pravarshan Mishra
Puzhankara Gopika Nandanan
R Neeraj
Rahul Chand A R
Rajeev Choudhary
Ramanujam Siddharth
Ravipalli Pavan Kumar
Rishi Kumar Rai
Rushil Goyal
Sachin Khandgond
Sagar A Patil
Sachin T Salian
Sameer Gupta
Samyam Koirala
Sanam Lakhwara
Shashank Ajmera
Shashank K H
Shashank Prakash Shivdev
Shiv Raj
Shivananda A M
Shrinath
Shrinkhal Sarawagi
Shyam Krishna
Soumya Elizabeth Jacob
Srivatsa B S
Sujeet Kumar Ranjan
Sumit Nagar
Sunkari Sai Rakesh
Suruchi Suman Sah
Sushil Kumar
Tasneem Ashraf
Tatta Mohan Krishna
Thejasvi N
Dhanvi V R
Vaibhav Raj Singh
Varnit Negi
Vinayak I Naik
Vishwanath S Arakeri
Vivek Yadav
Deepak Kumar
Bokade Shyam Ashok
Shripad K

Computer Engineering

Aadesh Gupta
Aakash Lal Das
Abhishek Agrawal
Abhishek Ashok Todmal
Abhishek Vijay Uppar
Akash Bharadwaj
Akash Kumar
Akshay Rai
Ali Abbas Hussain
Amit Rajawat
Ankit Kumar
Ankush Mehta
Anusha Rani
Archita Sudhir Chopde
Arka Rai Choudhuri
Arun Joshi
Avinash Das
Brijesh S K
Chaitanya Krishnaji Kulkarni
Chandramouli Sharma
Dara Vainika
Darshan P
Dhanya Mary Jacob
Dhivya A
Eshan Goyal
Giridhar Rai
Glaston Mario Menezes
Ishank Jain
Jain Anuj Rajendra Prasad
Jain Zachariah
Jatin Chauhan
Jayashree
Jinesh Jain
Jitendra Singh
Jyoti Prakash Maurya
Karthik K
Koppula Priyanka
Lavanya B
Madhusudan D
Manish S
Manish Vidyasagar
Mohit Nebhanani

Mora Sreyantha Chary
Suresh Muthukumar
N Swetha
Narendran Elango
Naveen K S
Nikhil Jain
Nishaanth H Reddy
P Prashanth Kumar
Parmil Kumar
Pavan Kumar K Y
Pragathi N
Prajwala Math G
Prakhar Ojha
Prathibha M V
Pratik Manwatkar
Priya Rao
Rabart Kurrey
Rahul Kumar
Rahul Kumar Tarway
Rahul Ravindra
Rajat Goyal
Rajiv V
Rakesh Kashyap H P
Ravi Ranjan
Richa Shastri
Rohtash
S V Shanmuga Sunder
Sahana V P
Saiprashanth K
Sajin Sasy
Santosh A
Sarthak Soni
Sheethal Kumar
Shriyak S
Shweta Mandloi
Sonal Suhas Patil
Sowmya Sridhar
Sriniketh Vijayaraghavan
Srivaths R
Sukhwant Prafullit
Sumit Bansal
Syed Rahi
Tauk Karan Bhupendra
Tavan Reddy Edla
Tejas N
Thejaswi M
Uma Bera
V J Swarup
Varsha G Maragi
Vijay S
Vinu K S
Vivek Harilal Bapodra
Vivek Kumar
Yogesh Agrawal
Apratim Bhattacharyya
Chetan Dugar
Kalyanasundaram S
Nagaraja S
Pooja Vadiraja H
N Pavan
Pratyush Dhanuka
Sandeep S
Uda Naveen Kumar

Electrical and Electronics Engineering

A E Bhuvaneswari
A S Jayanth
Aakash Jaiswal
Aatreyi Mitra
Aayushi Pandit
Abhilash V R
Abhishek Raghu Malali
Agarwal Dhruv Kailash
Akshay Shenoy
Anirudh M K
Anirudh R
Anwesh Aalam
Apte Kaustubh Uday
Aratakatla Veera Raghava Ram
Archis Banerjee
Aritra Banerjee
Arpit Jain
Arunabha Chatterjee
Arvind H
Astha Arya
Basuki Nath
Bavikatti Shwetha
Bharat Chennappa Uppin
Chebrolu Deepthi Kiran
D Kiran Karanth
Damayanti Datta
Deepthy Mariyam George
Dharini B
Diptanshu Jindal
Dweepjyoti Malakar
Gaurav Khandelwal
Gayatree Meena
Harsh Kumar
Harsh Sinha
Hassan Nihal
Hemanth K Gowda
Jacob Varghese
Jim Aldon D Souza
Jitender Kumar
Jyothsna Harithsa
K G Sandeep Kumar
Kailash Neelakantan
Kanhaiya Kumar
Karthik N Bhat
Kishor P Kshirasagar
Kristen Mario D Souza
Manish Kashyap
Manpreet Singh
Mukesh Kumar
Mukesh Mothasra
Narasipuram Krishna Goutham
Neetesh Hegde
Neil Verosh D Souza
Nikhil S
Nikshep K N
Niranjan
Nivedita Chaudhary
Noonavath Vijayabhaskar
Om Prakash
Patil Sumit Dnyanoba
Patil Yajuvendrakumar Bhagwan
Peram Shyam Prasad
Pooja Radhakrishna Havaldar
Pranav Ram V
Praneeth K N
Prashant Kumar Mangtani
Raghunandan G
Raj Vardhan
Rajashekhar Siddappa Ankali
Rangari Nilesh Vasantrao
Ranjitha Naik V
Ravi Kumar D
Rijul Durgaprasad Nadkarni
Rishav Kumar Jha
Roland Ashley Fernandes
S Somesh Karthik
Sachin Manda
Sagar A Wadi
Saloni Singhal
Samarth Goel
Sangeetha Desingu
Saurabh Singh Chauhan
Shashank Alevoor
Shashank Gururaj Rao
Shende Samiksha Shyambabu
Sheryl Merilyn D Souza

Shoubhik Das
Shounak Ghosh
Shree Dineer Paul Saikat Rana
Shrey Shukla
Shreyash Vijaywargia
Sneha D
Snehasis Despande
Soumya Emani
Srinidhi G
Suryakant Ganapati Shet
Suvith Kumar
Syed Mustafa Quadri
Tatikonda Lavanya
Terin Tom Chacko
Tinkaj Kumar
Truptesh G Sottappanavar
Ujjwal
V Aniruddha Tiru
Venugopal J
Vijay Thyagarajan R
Vishwas G C
Zuzar Inder Singh
Ajay N Koti
Amrutash Nanda
Sindhu S Shetty
Ankit Negi
Manan Sheel
Vivek Azad
Shashank Monappa

Electronics and Communication Engineering

Aatish Bansal
Abhilash S
Abhinav Kumar
Abhishek Singh
Adithya P Shriram
Aditya Ashok Kumar Bolabandi
Agrawal Shivangi Shyam
Ajith S R
Akshay B Pattabi
Akshay Mall
Amber Afshan
Amin Parvez
Amith Kumar M
Amogha P
Aneesh Jonwal
Ankit Shukla
Ankit Wadbude
Anmol J Bhattad
Anoop Raghav S
Anupreetham
Anwith Shashi Kiran
Archana Sundaramurthy
Arman Ali
Arun J Thomas
B Ullas Navada
Babu N
Bharath V
Bhuvana Bairy K
Bommagonda
Byna Raviteja Raja
C Bharath Kumar Reddy
C Swathi
Chandankumar S R
Darryl Kevin Tauro
Darshan C
Davis Polly Pynadath
Dhanya Ganesh
Dhavalikar Mugdha Girish
Divya R Nandihalli
Divya Ramnath
Divyang Choudhary
Elza Mathew
Gothi Shaileshbhai Revabhai
Guruprasad M Holebagilu
Joshi Udit
Kapeel Kokane
Kishore K L
Krishnamoorthy Venkatraman
Kuchipudi Vamsi
Leela Raj Prabhu
M P Vigneshwar
M Trinath Chowhan
Madan Mohan Mishra
Manasij Venkatesh V
Manjunath S Chikkoppa
Manyu Deshpande
Mayank Goyal
Mayank Kumar Singh
Mohammed Anees
Mrinal Vibhav Arun
Naik Saurabh Girish
Nanda Kishore S
Nanda Kumar U
Naomi Mathews
Naveen S N
Neeraj Kumar Yadav
Niket Agrawal
Nikhil Vijay Vashistha
Nilesh Patidar
Nishit Srinivas Rao
Pallavi Avadhut Pai Raiturkar
Peeyush Sharma
Pooja Rajiv Mehta
Prabhat Shankar
Pranav J
Prathik M G
Preeti Sivakumar
Purushotham Pururava
Pushpavan
Rakesh Sharma
Rakshith Sharma S
Ramesh K M
Sachin M Naik
Sai Swaroop Y
Sandip Kumar
Sanjay Y R
Santosh Kumar Mahala
Sharukh S Shaikh
Shashi Kumar
Shivam Agrawal
Shravya Boggarapu
Sri S K Shanmukha Sreenivas M
Sudarshan D M
Sumit Mehta
Sunkara Harika
Varsha G Hegde
Venkatesh N Gudikoti
Vidyasagar
Vikas Majjagi
Yashas M S
Ankith G S
Sachin Vernekar
Spoorthi G Nayak
Anjali Dharmarajan
Gururaja
Nipun Oraon
Sanjeevkumar Dilipakumar
Thomas George
Chaitanya Madaka
Chimalakonda Sai Teja
Shubham Sahu
Pallav Kakkar
Monalisa Kisku

Information Technology

A Harish
Abhay Ramesh Chennagiri
Abhinav Jain
Adarsh D K
Aditya Raj
Akash Raj
Akhil G S
Alida D Costa
Amimul Ehsan
Amogh M Reddy
Anantha K S
Anirudha R C
Ankur Bhardwaj
Anoof Mohamed Ifran Shaikh
Anubhav Gupta
Anusha Sevgoor Kamath
Arpit Vyas
Arundhati Boruah
Ashish Fulzele
Ashwini Kumar Chourasia
Avinash N Bukkittu
Avinash Singh
Basav Singh
Bhavana R
Bhokre Gajendrakumar Munjajirao
Bhukya Mahender Naik
Chandrakanth U
Chetan Gupta
Damarla Rajeswar Rao
Devindra
Dheeravath Ashok
Ekkurthi Hari Teja
Froila Helixia D Souza
Gaurav Singh Thakur
Gautham M
Gowthami G K
Hemanth K Naik
Janice Roline D Souza
Jinto Jose
Kamble Dhananjay Mahendra
Karthik T S
Kratika Gupta
Love Rose S Sandhu
Madhavi
Manbendra Singh
Monica
Monika Choudhary
Mrinalini Kumar Vemulkar
Naveen Prakash V
Nikhil Ranjan
Nishanth H Kottary
Palisetti Teja
Piyush Rai
Poovanna K P
Prabhumoye Shrimai Laxmikant
Pradeep P
Pradhumn Agarwal
Prajwal R Prasad
Pranay Khattri
Pranay Yogesh Anchan
Pratik Chhawchharia
Prem Sameer
Priya L
Priyank Kumar
Priyanka Pote
Pushpanjali Rout
Radhika Boyat
Rajesh Kumar Chaudhary
Raushan Kumar
Ravi Ranjan
Remya Kannan
S K Amarnath
S Vignesh
Saarthak Chandra
Sachidanand
Sagar M
Sagarraj N S
Sakhare Ankita Sunil
Sambhrum I G
Sangam Bhagat Ramulu
Sanjay Kumar
Sathvik T S
Shashi Gowda K
Sheril Shibu Jacob
Shivaprasad M
Shreekanthadatta Eligar
Shruti Mandhani
Shubham Jain
Siddhartha R T
Smriti Prasad
Sneha B Devakar
Somanshu Singh
Sreeram Maddineni
Sulochan Naik
V I Arathi
Venkatesh D
Vigesh R Ungrapalli
Shweta Shrivastava
Suresh Alse
Kavya K
Pittala Rajaram Mohan

Mechanical Engineering

Abdul Basith Shaikh
Abhimanyu
Abhishek Galgali
Abhishek Jain
Abhishek Kumar Singh
Abhishek Nayak
Acharya Palash Vadiraj
Adithya Jayaram
Advait A Deshpande
Ajay V Kamath
Akash Bansal
Akhil Gupta
Amith Anil Valappil
Anand Shashikant Deshmukh
Animesh Rao
Anjan N Sullimada
Anmol Shrivastava
Anurag Kumar Gupta
Apoorv Argal
Aqueel Nazim Altaf
Arpit Jain
Ashish Mishra
Ashwin H S
Ashwin Kumar K S
Avinash H V
Baddam Goutham Reddy
Bhaswati Choudhury
Bheemappa S Lamani
Chandan N
Chitrabhanu Tamrakar
Clinton Joel Noronha
D Sai Praneeth
Daisy Das
Dayasagar V S
Deep Agarwal
Devasani Shiva Shanker Reddy
Devath Venkatesh
Devendra Kumar
Dheeraj Kumar V
Dinesh B
Gaurav Vats
Gundala Manoj
H Keerthan Vasist
H S Shamanth
Harshit Joshi

Hemant Agarwal
Jai Kishan Ajitsaria
Jeevith K
Jehu Shalom Amanna
Joseph Shibu
Joseph Thariath Jose
K B Sarosh
K R Akshay
Karthik Bhaskara
Karthik G M
Karthik N S
Kislay Kumar
Kislaya Srivastava
Krupesh B S
Kuruva Shailesh
Lunkithang Lhouvum
M S Vinay Prasad
Manoj Kumar Soothwal
Mattar Deepak Kini
Mohamed Tariq S
Mohammed Yousuf
Mohd Aaquib Tabrez
Mohit Parothia
S Sharath Kumar
Mradul Yadav
Mudit Rhenjen Garbyal
Mukkamula Rajashekar
Nagendra Vikas Kamath
Narasimha Kulkarni
Nilesh L Metri
Niraj Kumar
Nischay N Suvarna
Nishant Prakash
Nithesh S
Pankaj Kumar
Patil Jayraj Rajan
Pavan Raj
Prabhakar Bulbule V
Prajwal Kumar M P
Pranav S Nandu
Pranshu Singh
Prince Kumar
Prithvi Shenoy
Raghavan A
Rahbare Islam Nayyer
Rahul Satish
Rahul Yamanappa Bhajantri
Ranjan Kumar
Rohit Agrawal
Rohit Ranjan Priyadarshi
Routhu Karan Raj
S Aamodh
S Prashanth
Saad Hashmi
Sandeep Deshpande
Sandhireddy Naveen Kumar
Shankar Datt Bagri
Santosh M Bhat
Saurabh Raina
Saurabh Verma
Saurav Kumar Jha
Shah Neil Sanjay
Shashank N Gowda
Shashank S N
Shashwat Ajit Adhikari
Shetty Varun
Shivchand P Kodate
Shruti Rastogi
Sidharth Chaturvedi
Sonpimple Rutuparna
Ratnaghosh
Soumya Y
Sourav Debbarma
Sreevatsa A
Suhas Jain S
Sujan Shrestha
Suryanarayana M K
Tejas Viswanathan
Thejus Bhushan
Vadlamudi Vamshikrishna
Vijay Kumar
Vijeth S
Vikramaditya Ashok Gaonkar
Vinay Kumar D H
Vinay Ravi
Vinayprasad S K
Balachandran Vishakh
Vishnu Shenoy K
Vishnu Swaroop V
Vishvakiran B S
Vivek Sharma
Yeshwanth A
Yogesh Kumar
Vivek V Shet
Anil Kumar Paswan
Durgesh Kumar
Md Tarique Anwar
Naval Paswan
Priyadarshini S

Metallurgical and Materials Engineering

Aakash Saxena
Aashish Dipak Mane
Aman Kumar
Ankit Izardar
Arjit R Varma
Arvind Kumar
Ashid Gopi
Ashish Gupta
Bharath K R
Bharath M Madikeri
Embar Ravi Bhargav
Chandrika K S
Devarapalli Praharsha
G V Ajay
Khushi V
Kushal R Gowda
Moon Asmita Milind
N Renuka
Nissar Ahmed
Pavan G
Puneeth H Kaushik
Rajesh B N
Rakesh R Kamath
Rohan Suresh
Ronak Daga
Sachin Y Halemani
Sakethraj Somshetty
Sandeep B S
Sanjay Kumawat
Shahrukh Buland Iqbal
Shruthi B M
Sudeep N M
Surabhi Gautam
Tanuj Choudhary
Teagala Sidharth Shannon
U Pranav Nayak
Vijay Bharadwaj J
Vivek Gowda K H
Vivek Yadav
Yogesh Kumar Chauras
Zohaib Manzoor
Amit Kumar

Mining Engineering

Ajay Amrute
Amit Ghooli
Annu Christie R Marak
Aquib Yusuf Khan
Arijit Ghosh
Arjun Thumbayil
Atul Kumar
Avinash Uday
Chiranth M Hegde
Dhana Shekar N
Harsh Verma
Himanshu Shukla
J Prabhu Kumar
Kunamala Deepak
Lakavath Suresh Kumar
Madhura R Prabhu K
Mallikarjun Hosamani
Md Shahnawaz Ansari
Nikhil Pareek
Nilofer Sumaiya
Puneet Yadav
Puru Yadav
Ruben
S Srisharan
Sriranjan Thirumalai
Sunil Sharma
Suryakanth
Utpal Kant
Vaisakh V L
Vikas Tenguria
Wanpynskhem Kharkongor
Yogesh Malhotra
Devarakonda Naresh Babu

NITK Surathkal – At a Glance

GOVERNANCE

NITK is governed by the Board of Governors, which consists of representatives of the Government of India, Government of Karnataka, Industry, Alumni, and other nominees. The Chairman of the Board is nominated by the Government of India. The Director is the administrative head of the Institute. NITK an "Institute of National Importance" is governed by NIT Act 2007 and statutes, laid down by Government of India. Reconstituted Board of Governors is in place since September 2011.

TEAM NITK

14 Departments
231 highly qualified and dedicated faculty
205 committed supporting staff
5172 talented and motivated students

LIST OF DEPARTMENTS

- Applied Mechanics & Hydraulics
- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Humanities Social Sciences & Management
- Information Technology
- Mathematical & Computational Sciences
- Mechanical Engineering
- Metallurgical & Materials Engineering
- Mining Engineering
- Physics

ACADEMIC PROGRAMMES

B.Tech. – 9 disciplines
M.Tech. – 25 Specializations
M.Tech. (Research) – All Specializations
MBA
MCA
M.Sc. (Chemistry)
M.Sc. (Physics)
Ph. D. – offered in all departments
All the Departments of the Institute are recognized QIP centres for admission of teachers of both Engineering Colleges and Polytechnics for their post-graduate & doctoral studies.

INTERDISCIPLINARY CENTERS OF EXCELLENCE

Disaster Risk Reduction
Innovation
Material Research
Sustainable Technologies
System Design (Virtual Instrumentation)
Wireless Sensor Networks

ASSOCIATED CENTRES

Centre for Continuing Education, R&D center for- clay, Roofing Tiles & Ceramic Products, National Technology, Manpower Information Systems (NTMS), NODAL Centre, Industry Institute Partnership Cell, NITK Science and Technology Entrepreneurs Park (NITK-STEP), IGNOU study Centre, D.K. NIRMITHI Kendra.

CAMPUS

300 acres of lush green beach-side campus located at Srinivasnagar, Surathkal Mangalore. Departments & facilities on Eastern and Western sides of NH-66 with connectivity through a 2-lane vehicular underpass.
Well connected by rail and road to the rest of country. Flights available to major Indian cities and International destinations.

FACILITIES & SUPPORTS

150 + Classrooms, 140+ laboratories
12 hostel blocks for boys, 5 hostel blocks for girls. Mega Hostel for boys with 1512 single-seater rooms. New Ladies Hostel with 347 single –seater room. Internet connectivity (1Gpbs, 155 Mbps, 6000 nodes) Central

computer Center, Central Library, E-Library, On-line access to journals 1200-capacity Auditorium, 1800-capacity Open-air theatre, co-operatives stores, Post office, Banks, ATMs, Health Care Centre with many visiting specialist doctors, Yoga Centre, 3 Campus schools (Kannada & English Medium), Guest House, Food Court and Canteens International standard Swimming –pool, Sports Grounds for cricket, hockey, football floodlit Courts for Basketball, Volley ball and Tennis, NCC – 2nd Karnataka Engineering Company Surathkal Innovation Challenge (SIC), Student Internship Progaramme (SIP)

BUDGET (2013-14)

Total Financial Outlay Rs. 139.88 Crores
Internal Revenue Generated Rs. 28.32 Crores
Consultancy & Testing Earnings Rs. 1.64 Crores
Corpus Fund of more than Rs. 56.93 Crores

PUBLICATIONS (2013-14)

International Journals – 344
National Journals – 28
International Conference – 215
National Conference – 73

DOCTORAL OUTPUT

2011-12 – 16 Candidates
2012-13 – 33 Candidates
2013-14 - 62 candidates
Doctoral students on rolls –523

MoUs between NITK, Surathkal and other Universities/Organizations.

Moog India Technology Center Pvt. Ltd., 3rd March 2014, 5 Years
Indian Naval Academy, Ezhimala., 26th February 2014, 5 Years
M/s. Insmart Systems, Hyderabad, 24th January 2014, 3 years
Larsen & Toubro Limited (L&T Construction), 4th November 2013, 5 Years
ProSIM R& D Pvt. Ltd., 4thOctober 2013, 3 Years
Robert Bosch Engineering and Business Solutions Limited (RBEI), Bangalore, 31st August 2013, 5 Years
Indian Institute of Science, Bangalore, 10th June 2013 , 5 Years
Mercedes-Benz Research and Development India Private Limited (MBRDI), Bangalore, 10th June 2013, 5 Years

DASA

Direct Admission of Students Abroad, a Govt. of India scheme is coordinated by NITK, Surathkal, offering admission to NRIs/ PIOs/Foreign Students in more than 40 centrally funded institutions for UG and PG programmes. A completely online process developed and implemented by NITK since the last five years.

EXTRA AND CO-CURRICULAR ACTIVITIES

More than 30 clubs, societies and professional body chapters are active conducting regular activities through elected leaders and representatives. "INCIDENT' and "ENGINEEER" are popular cultural and technical annual festivals. NITK has won the overall championship of Inter NIT Sports consecutively for the last 3 years.

MOUs between Foreign Countries

Michigan State University, USA, hepia- University of Applied Sciences Western Switzerland technology, architecture and landscape, 17th December 2013, 3 Years
University of Seville (UoS), Spain, 21st October 2013, 3 Years
AB Volvo Group Sweden, 25th September 2013, 5 Years

List of MoUs between NITK, Surathkal and other Universities/Organizations

Mercedes-Benz Research and Development India Private Limited (MBRDI), Bangalore and NITK to enable MBRDI employees to enroll for Master and Ph.D. studies under the External Registration Program at NITK- 10th June 2013.
Indian Institute of Science, Bangalore and

NITK to engage in academic and research collaboration . – 10th June 2013

Council of Scientific and Industrial Research (CSIR) represented by its National Aerospace Laboratories (NAL) – CSIR-NAL and NITK- 18th January 2013.

Extension of the MOU between NITK and Bhabha Atomic Research Centre (BARC), Mumbai- 30th January 2013

TEQIP

One of the best performing lead institutions with a total financial support of Rs. 1250.00 lakhs in TEQIP II.

SCHOLARSHIPS & MEDALS

Several well known and prestigious scholarship (25) awards and medals (35) are on offer for students at all levels. This is in addition to all regular scholarships of Govt. of India and Other State Governments. SPARSH and several other scholarship opportunities.

TRAINING AND PLACEMENT

NITK is ranked among the top institutions for student placements. During 2013-14 about

203 companies visited. UG placements 91%, PG placement 39% Internships provided within India and Abroad.

Senate members

Dr. Swapan Bhattacharya	...	Chairman
Dr. Prahlada	...	Member (External)
Dr. S. Parasuraman	...	Member (External)
Dr.V.Shubha	.....	Member (External)
Dr. A. Kandaswamy	.....	Member
Dr. M.C. Narasimhan	.....	Member
Dr. Katta Venkataramana	.....	Member
Dr. Udayakumar R.Y.	.....	Member
Dr. K. Chandrasekaran	.....	Member
Dr. M.B. Saidutta	.....	Member
Dr. Subba Rao(HOD)	.....	Member
Dr. N. Lakshman	.....	Member
Dr. M.K. Nagaraj	.....	Member
Dr. S. G. Mayya	.....	Member
Dr. A. Vittal Hegde	.....	Member
Dr. A.Mahesha	.....	Member
Dr.Dwarakish G.S.	.....	Member
Dr.Kiran G.Shirlal	.....	Member
Dr. K.N. Lokesh(HOD)	.....	Member
Dr. A.U. Ravi Shankar	.....	Member
Dr. R. Shivashankar	.....	Member
Dr. K.N. Lokesh	.....	Member
Dr. D. Venkat Reddy	.....	Member
Dr. K.Swaminathan	.....	Member
Dr. Varghese George	.....	Member
Dr. S. Shrihari	.....	Member
Dr. Sitaram Nayak	.....	Member
Dr.Subhas C.Yaragal	.....	Member
Dr.K.S. Babu Narayan	.....	Member
Dr.Vidya Shetty(HOD)	.....	Member
Dr. D.V.R. Murthy	.....	Member
Dr. G. Srinikethan	.....	Member
Dr. Gopal Mugeraya	.....	Member
Dr.B.Ramachandra Bhat	.....	Member
Dr.A.Chitharanjan Hegde	.....	Member
Dr. A. Nityananda Shetty	.....	Member
Dr. A.V. Adhikari	.....	Member
Dr.D.Krishna Bhat	.....	Member
Dr.B.Ramachandra Bhat	.....	Member
Dr. Annappa(HOD)	.....	Member
Dr. M.S. Bhat (HOD)	.....	Member
Dr. S. Sumam David	.....	Member
Dr. Muralidhar Kulkarni	.....	Member
Dr.U.Sripati	.....	Member
Dr.John D'Souza	.....	Member
Sri Jora M Gonda	.....	Member
Dr. K. Panduranga Vittal	.....	Member
Dr. A.H. Sequeira	.....	Member
Dr.K.B.Kiran	.....	Member
Dr. Ananthanarayana V.S.	.....	Member
Dr. G. Ram Mohana Reddy	.....	Member
Dr. Murulidhar N.N(HOD)	.....	Member
Dr. Keshava Prasad Halemane	.....	Member
Dr. Robert John D'Souz	.....	Member
Dr. S.M. Hegde	.....	Member
Dr.Santosh George	.....	Member
Dr. Prasad Krishna	.....	Member
Dr. G.C. Mohan Kumar	.....	Member
Dr. P. Mohanan	.....	Member
Dr. T.P. Ashok Babu	.....	Member
Dr. H. Suresh Hebbar	.....	Member
Dr. S.M. Kulkarni	.....	Member
Dr. Gangadharan K.V.	.....	Member
Dr. Ravikiran Kadoli	.....	Member
Dr. Vijay Desai	.....	Member
Dr.Narendranath S	.....	Member
Dr. Jagannath Nayak	.....	Member
Dr. K. Rajendra Udupa	.....	Member
Dr. K. N. Prabhu	.....	Member
Dr. A.O. Surendranathan	.....	Member
Dr. Arun M	.....	Member
Dr. V. Rama Sastry	.....	Member
Dr. Ch.S.N. Murthy	.....	Member
Dr. M. Govinda Raj	.....	Member
Dr. H.D. Shashikala	.....	Member
Dr.N.K.Udayashankar	.....	Member
Dr. Kasturi V. Bangera	.....	Member
Dr. G. K. Shiva Kumar	.....	Member
Dr. G. Umesh	.....	Member
Sri P.G. Mohanan	.....	Member
Smt. Anusuya Chakari	.....	Member

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Prof. M.B Saidutta –Chemical	Dean(AA&IR)	- Member
Prof. Sumam David - E&C	Professor, E&C	- Member
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Dr. Arun Isloor-Chemistry	- Member
Dr Subrya R Hegde, Metallurgy	-Member
Mr. Shekar – (Estt. Sec)	- Member

Convocation Report, Publicity, Media Management:

Prof. M.B Saidutta-Chemical	**- Convener**
Prof. Sripati U - E&C	-Co-Convener
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Prof Varghese George, Civil	-Member
Dr. Shashikantha – HSSM	- Member
Mr Gaurav Chowdhury, Ass. Registrar (Acad.)	- Member
Mr Iranna M. , Assist. Librarian	- Member

General Arrangements:

Prof. G. Srinikethan Chemical	**- Convener**

a.Stage Arrangements, Displays, Light & Sound and Mementoes Committee:

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Prof. Ravikiran Kadoli – Mechanical	- Co-Convener
Dr. B. Rajmohan – Chemical.	-Member
Mr. Subrahmanya.K.- Appl. Mech	-Member
Dr D.N. Gaonkar – E&E	-Member
Dr. B.M. Sunil – Civil	-Member
Dr Hemprasad Nath - SAS Officer	-Member

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Dr. Prashantha Kumar-E&C	- Member
Dr. Udaya Kumar –Chemistry	- Member
Dr.Darshak Trivedi-Chemistry	- Member
Dr. Partha Prathim Das-Physics	- Member
Dr. Deepak Vaid-Physics	- Member
Dr. E. Sathyanarayana-MACS	- Member
Dr. I Jayaraman-MACS	- Member
Dr. Jnana Shekar-Mech	- Member
Dr. Ramesh M.R-Mech	- Member
Dr. Subraya Hegde-Metallurgy	- Member
Dr. Mohammad Rizwanur Rehman- Metallurgy	- Member
Dr. Kalpana-E&E	- Member
Dr.Deepu Vijayasenan-E&C	- Member

Dr. Mohit –Computer	- Member
Dr. Jenny Rajan-Computer	- Member
Mr. Dinesh Naik-IT	- Member
Dr. Jayadhar –IT	- Member
Dr. Suresha S.N –Civil	- Member
Dr. Arun Kumar Thalla-Civil	- Member
Dr A Gowri - Civil	- Member
Dr. Ramesh H –Appl. Mech	- Member
Dr. Sheena –HSSM	- Member
Dr. Suprabha –HSSM	- Member
Dr. R.P Chaudhary –Mining	- Member
Dr. A.K Tripathi –Mining	- Member
Dr. Keyur Raval-Chemical	- Member
Dr. Ruben Sudhakar-Chemical	- Member

+ Department Representatives

Procession:

Prof. Vijay Desai –Mechanical	**- Convener**
Dr. Shankar B.R-MACS.	- Co-Convener
Dr. Ram Chandar K –Mining	- Member
Dr Vadivudrezhian K , Applied Mechanics	- Member

Dress Arrangements Committee:

Prof. Mohanan P – Mechanical	**- Convener**
Prof. B.Ramachandra Bhat – Chemistry	- Co-Convener
Dr. Srikantha Rao – Mechanical	- Member
Prof. D. Krishna Bhat – Chemistry	- Member
Dr. Naveen Karanth – Mechanical	- Member
Dr Shivshankar Mal - Chemistry	- Member

Reception Committee:

Prof. K B Kiran –HSSM	**-Convener**
Prof. Ananthanarayana V.S. –IT	-Co-Convener
Mr. Vinay Kumar K, Computer	- Member
Dr. Vidya Shetty K- Chemical	- Member
Dr Rajsekaran C, Civil	- Member

Transport Committee:

Prof. A.U. Ravishankar – Civil	**- Convener**
Prof. Sitaram Nayak – Civil	- Co-Convener
Dr. Doddamani B.M- – Appl. Mech.	- Member
Dr Sunil B M - Civil	- Member

Accommodation Committee:

Prof. Mahesha A -Applied Mech.	**- Convener**
Prof. A. Kandasamy-MACS	- Co-Convener
All Wardens	- Members

Food and Refreshment Committee:

Prof. M.S. Bhat -E&C	**- Convener**
Prof. S. Narendranath – Mechanical	- Co-Convener
Prof Venkat Reddy - Civil	- Member
Dr. Manu- Appl. Mech.	- Member
Dr. Bijuna C Mohan -HSSM	- Member
Dr. Deepu Vijayasenan-E&C	- Member
Mr. Kiran Kumar Lad	- Member
Mr. Dinesh Khanna	- Member
Mr. Jayaram Reddy	- Member
Dr. Prashanth Kumar H	- Member
Dr. Arulalan M. R	- Member
Dr. P. Srihari	- Member

Administrative & Finance Committee:

Prof. Katta Venkataramana - Dean (A)	**- Convener**
Mr. K.K Singh, AR(Acad.)	- Co-Convener
Prof. M.C Narasimhan – Dean (P&D)	- Member
Mr. Ravindranath K –Registrar i/c	- Member
Mr. Y Ram Mohan – Dy. Registrar (A/cs)	-Member
Mr Bansod Pritam Ramesh - AR (A/cs)	- Member

Ambience Committee:

Dr. Nagaraj M K - Applied Mechanics	**- Convener**
Dr. Manu –Appl. Mech	- Co-Convener
Mr. Nataraj .R. – JE (Civil)	- Member
Mr. Prasad Salian JE (E&E)	-Member
Mr. Virupaksha –JE(Civil)	-Member
Mr. Babu Shetty – Garden Section	- Member
Mr. Manohar Karanth- - Superintendent, W&W Section	- Member

Security Committee:

Mr. Ravindranath K – Registrar i/c	**-Convener**
Mr. Soumen Karmakar- Asst. Registrar (Adm)	- Co-Convener
Dr. Santhi Thilagam – Computer Engg.	-Member
Mrs. Yashavanthi – Computer Engg.	-Member
Mr. Manohar Karanth- Superintendent, W&W Section	-Member

Medical Care Committee:

Dr. Shrimathi – RMO	**- Convener**
Dr. Balabhaskar	- Co-Convener
Dr. Sulochana Nayak	- Member

Technical & Secretarial Assistance:

Mrs. Sandhya – PA (Director)
Mrs. Geetha –PA (Dean A)

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

12th ANNUAL CONVOCATION

November 15, 2014

Programme Summary

3.00 - 3.30PM	Members of the Senate collect their Ceremonial dress at Sports Complex Hall
4.00 - 4.10PM	Chairperson , Chief Guest , Director and Members of the BOG arrive at Sports complex Hall Introduction of Senate members to the Chairperson and the Chief Guest
4.10 - 4.25 PM	Group Photograph
4.25PM	Convocation Procession starts from then Sports Complex Hall and proceeds to the Convocation venue
4.30 PM	Institute Anthem
4.35 PM	Convocation program commences
7.11 PM	National Anthem
7.14PM	Convocation Procession retreats
7.30 PM	Dinner

"The educated differ from the uneducated as much as the living differ from the dead."

- Aristotle