

2nd CONVOCAATION

August 11, 2013

Convocation Ceremony



भारतीय प्रौद्योगिकी संस्थान गाँधीनगर
Indian Institute of Technology Gandhinagar

Where the mind is without fear and the head is held high

Where knowledge is free

Where the world has not been broken up into fragments

By narrow domestic walls

Where words come out from the depth of truth

Where tireless striving stretches its arms towards perfection

Where the clear stream of reason has not lost its way

Into the dreary desert sand of dead habit

Where the mind is led forward by Thee

Into ever-widening thought and action

Into that heaven of freedom, my Father, let my country awake.



Invocation

पूर्णमदः पूर्णमिदं पूर्णात् पूर्णमुदच्यते
पूर्णस्य पूर्णमादाय पूर्णमेवावशिष्यते
ओं शान्तिः शान्तिः शान्तिः

असतो मा सद् गमय
तमसो मा ज्योतिर् गमय
मृत्योर् मा अमृतं गमय
ओं शान्तिः शान्तिः शान्तिः

सह नाववतु सह नौ भुनक्तु
सह वीर्यं करवावहै
तेजस्विनावधीतमस्तु मा विद्विषावहै
ओं शान्तिः शान्तिः शान्तिः

*That is all, this is all, from all comes all
Take all from all and all remains
Om, peace, peace, peace*

*Lead us from untruth to truth
From darkness to light
And from death to immortality
Om, peace, peace, peace*

*Let us protect each other, support each other
And be strong together
May our thoughts shine free of enmity
Om, peace, peace, peace*



About IITGN

The Indian Institute of Technology Gandhinagar (IITGN) was established in August 2008 with 4-year BTech programmes in Chemical Engineering, Electrical Engineering and Mechanical Engineering. The institute has come a long way since those early days owing to the extraordinary level of support and guidance of well-wishers from far and wide and the active participation of all stake-holders at each step of the way. The seeds that were so lovingly sowed have blossomed into a tree with flowers of myriad colours. The academic character, value system and culture of the institute have taken root over these formative years and the institute continues to build on this foundation and thrive in all aspects.

In the short span of five years the institute has created ripples in the academic circles with its new undergraduate curriculum, excellent quality of faculty, highly committed staff and flourishing research activities. Several bold initiatives have been taken to promote a culture of excellence at all levels and has set high standards of performance for everyone. The institute continues to operate from its temporary campus spread across an area of 15,000 square meters within the Vishwakarma Government Engineering College (VGEC), and has fully-equipped undergraduate laboratories, high-quality workshops, modern classrooms, offices and hostel facilities for all of its students. The faculty, being deeply conscious of the need to offer research-led teaching to its students, has developed several high-end research laboratories. The institute provides all necessary support to spearhead efforts to develop an innovative education system and vibrant research atmosphere.

IIT Gandhinagar currently offers a 4-year BTech programme in chemical, electrical and mechanical engineering and an MTech programme in Chemical, Civil, Electrical, Mechanical Engineering and in Materials Science and Engineering. In addition, the institute offers the students the option to do a minor in computer science or management along with their BTech degrees. The institute also offers PhD programmes in several disciplines in engineering (Chemical, Civil, Computer Science, Electrical, Mechanical, and Materials Science and Engineering), the sciences (Chemistry, Physics and Mathematics) and humanities & social sciences (Cognitive Science, English, Philosophy, Sociology, South Asian Studies and Psychology). A DIIT programme has also been introduced in the disciplines of Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, and Materials Science and Engineering.

There is currently tremendous excitement within the IITGN fraternity regarding the permanent campus that will be built on a 400-acre stretch of land in Palej on the banks of the River Sabarmati. The Master Plan envisages a total of 220,000 sq m of built-up space in the first phase of construction that is already underway. The campus has been planned to have an ambience that will aim to facilitate close interaction between various sections of the academic community and thereby stimulate learning and research. The campus will be eco-friendly with low energy and resource consumption, and will also require minimal upkeep and low maintenance.

Board of Governors

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Dr Baldev Raj
President
Indian National Academic Engineering
New Delhi

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former Director, IIT Bombay and former
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Indian Institute of Technology Bombay
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M/s Reliance Industries Limited
Mumbai

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Prof N Ramakrishnan
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Indian Institute of Technology Gandhinagar
Ahmedabad

Prof Sudhir K Jain
Director
Indian Institute of Technology Gandhinagar
Ahmedabad

Secretary
Mr B S Punalkar
Registrar
Indian Institute of Technology Bombay
Mumbai

Vision Statement

GOALS

- To build and develop a world class institution for creating and imparting knowledge at the undergraduate, post graduate and doctoral levels, contributing to the development of the nation and humanity at large.
- To develop leaders with vision, creative thinking, social awareness and respect for our values.
- To foster excellence in teaching and research to make a global impact.
- To engage in path-breaking research that would influence national policies.
- To pursue sustainable technological solutions to societal problems.
- To focus on lean engineering solutions for sustainable development.
- To be the leader for academic and industrial collaborations in various disciplines, nationally and internationally.
- To create awareness of the true significance of learning and teaching.
- To enrich local schools and communities through value added interactions.
- To encourage excellent language skills as part of the institutional culture.
- To prepare students not just for their first job, but their last job as well.

VISION

- To shape IIT Gandhinagar into an exciting place for learning, teaching and research.
- To establish the process of learning that is free, fulfilling and an enjoyable experience.
- To provide an enabling environment to nurture critical and creative minds, and to propel them to greater heights of excellence in their pursuits.
- To create a vibrant atmosphere that breeds front runner innovators, scientists, engineers, entrepreneurs, academicians and thinkers of tomorrow.
- To provide opportunity for students to learn from wherever, however and whatever they choose to study.
- To make IIT Gandhinagar the preferred destination for future generations of students, staff and faculty.

MISSION

IIT Gandhinagar, as an institution for higher learning in science, technology and related fields, aspires to develop top notch scientists, engineers, leaders and entrepreneurs to meet the needs of the society- now and in the future. Furthermore, in this land of Gandhiji, with his spirit of high work ethic and service to the society, IIT Gandhinagar seeks to undertake ground breaking research, and develop breakthrough products that will improve everyday lives of our communities.

VALUES

- Meritocracy
- Unparalleled quality and excellence
- Honesty, Integrity, Sincerity and Devotion
- Trust and freedom with accountability
- Appreciation and celebration of creativity
- Willingness to try new ideas and allow mistakes
- Social and Moral responsibility
- Respect for every individual, and diversity
- Co-operation, Collaboration and Team Work

PRINCIPLES

- Lifelong commitment to learning
- Encouragement of merit
- Passion and motivation for work
- Professionalism
- Respect for law
- Concern for the improvement of the society
- Transparency in functioning of the Institute
- Dedication to the Institute

CORE FEATURES

- A safe and peaceful environment
- Relevant and responsive to the changing needs of our students and the society
- Academic autonomy and flexibility
- Research Ambiance
- Nature of faculty and students:
 - ▲ Faculty recruiting norms are much higher than most of the academic institutes in India
 - ▲ Students are inducted strictly on a merit basis
- Sustainable and all-inclusive growth, including community outreach programmes
- Infrastructure: Liberal funding to the laboratory facilities and amenities to make them comparable to those best in the world
- Administration: Exclusive concern of IIT Gandhinagar, and handled internally
 - ▲ Director given adequate powers to manage most academic, administrative and financial issues (within the framework)
- Residential Campus:
 - ▲ Leads to closer academic and social interaction between students and faculty
 - ▲ Develops stronger community spirit and provides opportunity to learn from each other
 - ▲ Sustained academic ambiance resulting in higher creativity from everyone.

Innovations at IITGN

Being a green-field project, IIT Gandhinagar provides a unique opportunity to create a great university; an institution that fosters excellence in learning, research, scholarship and innovation, and that helps create global leaders in different fields of endeavour. Clearly, to go beyond the typical institutes in India, IITGN must adopt ways and means that go beyond the practices elsewhere.

Self-Learning Option for Regular Courses: Under a novel policy, students are given the option of studying on their own, without meeting the instructor-specified attendance norms. Students forego the benefits of in-semester evaluations, in exchange for accepting the challenge of being graded on the basis of an exacting final examination.

MTech and DIIT Programmes: The MTech programme at IITGN focuses on strong interdisciplinary coursework aimed at developing skills of analysis, synthesis, and problem solving, quality-driven research projects, and it emphasizes diversity through mandatory course work in the humanities and social sciences. A postgraduate diploma (DIIT) programme provides an additional channel for learning and can be pursued either full-time (one year) or part-time. The DIIT curriculum has been designed as a stand-alone option. Students may use DIIT as a stepping stone to the MTech programme, but have the option to exit with a DIIT.

Summer Internships for Undergraduate Students: The institute believes in augmenting education and learning through various non-formal and non-curricular opportunities. Several undergraduates undertake summer internships with eminent academics in India and abroad as well as in industry. During the summer of 2013, a total of 148 students did their internships in universities, research institutes, PSUs and various industries. Of these, six students went to research institutions such as BARC, DRDO, Nuclear Training Center Rawatbhata, and Research Center Imarat, Hyderabad; eight students went to academic institutes like IIM Ahmedabad and IIT Bombay; 27 students interned at foreign universities such as Caltech, Duke University, Syracuse University, Washington University and University of Notre Dame; while 107 students spent their summers in industries such as Adani Power, Arvind Mills, Dass Oil Field, GAIL, HMT, HPCL, L&T, ONGC, TATA Motors, Reliance Industries, National Instruments and Texas Instruments.

International Experience for Students: Recognizing the value of participating and presenting students research work at international conferences, the institute has implemented a very liberal travel support policy to encourage student participation in such events. Several undergraduate and postgraduate students have attended international conferences abroad to present their work.

Recognition of Student Passions: The institute has set up merit scholarships for excellence in not just academics, but also such areas as sports, cultural pursuits, social work, leadership initiatives, etc, to incentivize well-rounded education and all round development of leadership

potential. Graduating student awards recognize a wide array of accomplishments, including leadership, human qualities, excellence in academics, sports, and arts and culture.

IIT Gandhinagar Junior Fellowship: The fellowship offers opportunities for graduating students to gain exposure in less conventional work prior to making career decisions. Under this scheme, typically for one year duration, the institute helps fresh graduates explore unconventional career options through attachments with senior government officials, working with NGOs, or experience in educational Institutions, prior to finalizing their career decisions. Four graduates availed this opportunity in 2012. Three of the students who were interested in political and administrative life worked under the tutelage of senior IAS officers and the fourth student who is interested in the social sector worked at IITGN to develop low-cost technology to make incense sticks to improve the incomes of women in slums.

Strategic Partnerships: IITGN is actively nurturing a diverse academic environment- one that is both globally connected and socially sensitive. The institute is continually developing strategic partnerships with several universities, industries and R&D organizations within the country and abroad. A Memorandum of Understanding (MoU) with the Physical Research Laboratory (PRL), Ahmedabad enables the seamless sharing of academic resources between the two institutes. A strong relationship with Caltech enables a vibrant student exchange programme. A partnership with Underwriters Laboratories has enabled the institute to develop its Fire and Safety Engineering activities. IITGN's bonds with IIT Bombay and local universities in Ahmedabad, such as DAAICT and PDPU, have also been crucial in these early years. Other noteworthy IITGN collaborators include the Washington University St Louis, University of Washington Seattle, University of Notre Dame, Ecole Polytechnique Federale Lausanne and the University of Saskatchewan.

Start Early PhD Fellowships: In order to attract high-quality PhD students, IITGN now offers direct early admission to top rank holders of BTech programmes of 50 engineering institutions in the country (30 NITs and 20 other reputed undergraduate colleges in India). Such students are also eligible for an additional top-up scholarship of Rs 10,000 per month from the donor funds. This is in addition to the regular PhD scholarship.

New Undergraduate Curriculum: A brand new undergraduate curriculum that is a significant departure from any other curriculum in the country, has been implemented since 2011. The curriculum focuses on the overall development of the students and attempts to prepare them for their last job rather than their first one. It has a significant component of humanities and social sciences, a compulsory course in life science, significant exposure to design and creativity and provides flexibility to the students.

Project-based Learning: The institute places great emphasis on students undertaking projects of interest to them outside the curriculum. It is heartening to see our students undertake exciting projects in Fire Engineering, Biomedical Engineering, and the like, under the mentorship of faculty from not only within the institute but also from top institutions worldwide. Such projects are extremely effective in channelizing the creative energy of our students.

IITGN Incubation Centre (IIC): In recognition of the crucial roles of innovation and entrepreneurship, an Incubation Centre has been set up in the institute with a range of support facilities. The incubatees are provided round-the-clock access to design software, workshops with fabrication facilities and all the sophisticated laboratories. The institute is currently incubating a company created by six students of the pioneer batch who work on high-tech data mining.

Proactive Engagement of Potential Faculty Candidates: IITGN is vigorously identifying, motivating and nurturing potential faculty candidates. Indian origin graduate students and postdoctoral researchers at leading world universities are continuously engaged through our quarterly newsletter and other communications. The Director visits top universities to address potential faculty candidates. A Young Researchers Conclave organized at IITGN in December 2012 brought 50 candidates to the Institute for two days. The institute participates in events for young Indian researchers from across the United States at MIT and Stanford.

Enthusiasm at the Institute

The students and faculty of IITGN show extraordinary levels of enthusiasm for the various activities that take place in the institute. Some of these efforts are outlined below:

Conclave on Automotive Technology

Amalthea, the annual technical summit founded in 2010, was organized during Oct 13-14, 2012. It mainly focused on three sectors namely designing, manufacturing, and entrepreneurship & innovation. This year's event was inaugurated by **Mr Maheshwar Sahu**, Principal Secretary, Industry and Mines along with IIT Gandhinagar Director **Prof Sudhir K Jain** and ACMA Director **Mr Vinnie Mehta**. The renowned automobile designer **Mr Dilip Chhabria** interacted with the students and shared his ideas in the role of Engineering in Automotive Design. Other speakers from the industry include **Mr Tom Chackalackal** (Ford India, Manufacturing), **Mr Nitin Nair** (MD, SIEMENS Automation), and **Mr Joachim Nell** (Head, Continental Tech Center India). The event once again demonstrated the extraordinary levels of maturity and leadership of our young students.

Conferences, Workshops and Short Courses

IITGN faculty has been organizing a number of highly successful conferences, workshops, short courses and continuing education programmes. An **International Conference on Safety** was organized on Oct 12-13, 2012. The interdisciplinary conference attracted participants throughout India, as well as the United States, Europe, the Middle East and Southeast Asia. An **International Workshop on Process Safety Management** was organized during Oct 14-15, 2012. A short course on **Seismic design of Reinforced Concrete Buildings** attracted 102 professionals, students, and faculty from various parts of the country.

Community Outreach

The Institute is continuing its strong commitment towards societal needs and motivating the IITGN community to contribute for the noble cause. Particularly our children welfare activity, NYASA, drew generous donations from students, staff and faculty of IITGN. With their support, NYASA stepped up its activities to host everyday classes and play-sessions in an effort to provide a fruitful time away from hustle and bustle of construction sites and the vehicular traffic.

Cultural and Sports Festival

In the very first year, the pioneer batch of students organized the flagship inter-college cultural festival **Blithchron** with great aplomb. The extremely popular annual event has been growing in terms of stature and size ever since and is an attraction for students from other colleges. The fifth edition of Blithchron during January 2013 witnessed a record 19,000 footfall.

The students also organized an all-night intra-college sports festival **Halla Bol**. The 3rd edition of **Halla Bol** comprised 11 entertaining games played over 10 days. More than 400 matches attracted 2400 registrations, comprising students, staff and faculty, who formed mixed teams.

India Ki Khoj: An Inter-Institutional Interaction

The second edition of India Ki Khoj, was organized during June 19-27, 2013. Fifteen students from California Institute of Technology (Caltech) and IITGN were introduced to a vast range of themes including Indian mythology, arts and crafts, classical music, popular culture, religion, philosophy, architecture, civilization, politics, and business through field visits and interactions with at least 15 renowned speakers from diverse fields.

Scholars-in-Residence Programme: To elevate the academic ambiance through informal leveraging of global expertise and scholarship, a provision for ‘Scholars-in-Residence’ has been instituted. Under this scheme, renowned scholars wishing to write books/monographs initiate collaborative research proposals, conduct short workshops, informally interact with and inspire students and young faculty, are being provided all working facilities and adequate travel and financial support

IIT Gandhinagar: A Potential Global Leader in Education and Research

A world-class university requires three main attributes: concentration of talent, abundance of resources and favorable governance. The Board of Governors of IITGN and the administration are committed to developing a very flexible governance structure empowering the faculty and students to the extent never seen before in Indian academia. The Institute has started to supplement the Government of India grants with substantial philanthropic contributions to recruit and support outstanding faculty and PhD students. Some of the approved programmes for utilizing donations towards attracting, retaining and empowering the most outstanding faculty and students are briefly described below:

BoG Approves New Initiatives

The BoG further strengthened the **Children's Education Fund** scheme for contractual staff members by enhancing the reimbursable limit from Rs 7,500 to Rs 10,000 per year per family. The BoG also sanctioned an interest-free **soft advance** for new staff members. To incentivize undergraduate and postgraduate student research, the BoG also approved a **cash award scheme** for papers published in refereed journals. The BoG has endorsed the norms to provide overseas research experience to the PhD students. It also approved a plan for the **creation of a R&D Park** at the permanent campus.

IIT Gandhinagar Wins Best Innovation Award 2013

Innovations in IIT Gandhinagar's BTech programme won the **World Education Award 2013** at the World Education Summit held in New Delhi, April 23, 2013. IITGN was declared winner in the category of best innovation by an engineering institute at the summit that is organized annually by the All India Council for Technical Education, Elets Technomedia, National Council for Education Research and Training (NCERT), and United Nations Educational Scientific and Cultural Organization (UNESCO).

Students Achievements

The graduating batch has continued the trend of excellent performance in campus placements and in securing opportunities to pursue higher studies in prestigious institutes worldwide.

Campus Placements

The organizations that offered campus placements in the second year of placements include Ricoh Innovations, National Instruments, ONGC, GNFC, GSFC, Honda, Volvo-Eicher, Grasims, Flipkart, Timetooth, Infosys, Cognizant, Texas Instruments and DRDO among others. Out of a total of 66 Undergraduates who sought placements, 60 students were successful in securing the placement of their liking.

MS and PhD Admissions

Several students of the graduating batch have opted to undertake higher studies in various eminent academic institutions both in India and abroad.

Graduating Students who will be pursuing higher studies abroad

Name	Institute	Programme	Discipline at IITGN
Ekta Prashnani	University of California, USA	MS and PhD	Electrical
Narendranath Balasubramoni	Cornell University, USA	MS	Electrical
Susmitha Purnima Kotu	Texas A&M University, USA	PhD	Chemical
Shruti Jain	University of Texas at Austin, USA	PhD	Chemical
Pratham Shah	Carnegie Mellon University, USA	Master of Product Development	Mechanical
Mohak Patel	Brown University at Providence, USA	PhD	Mechanical
Aditi Dighe	Duke University, USA	PhD	Electrical
Chetas Joshi	Purdue University, USA	MS	Electrical
Suresh Ramasamy	Carnegie Mellon University, USA	MS	Mechanical
Abhijith Rajiv	University of Washington, Seattle, USA	MS	Mechanical
Shalinee Kavadiya	Washington University, St. Louis, USA	PhD	Chemical

Graduating Students who will be pursuing higher studies in India

Name	Institute	Programme	Discipline at IITGN
Dipesh Dayama	IIM Ahmedabad	PGP	Mechanical
Bobbur Abhilash Chowdary	IIM Calcutta	PhD	Electrical
Sushant Kumar Suman	NID Ahmedabad	MDes	Chemical
Shrankhla Narya	Srishti School of Arts, Design and Technology, Bangalore	ADP in Aesthetics and Critical Studies	Chemical
Monica Yadav	Tata Institute of Social Sciences, Mumbai	MA	Chemical
Hima Teja	IIT Kharagpur	MTech/MCP-PhD	Chemical

Students Awards and Recognition

48th Inter-IIT Sports Meet 2012

Shivani Rani, an MTech student of civil engineering, won the gold medal in discus (women) event at the **Inter-IIT Sports Meet** held at IIT Roorkee. In the process she set a **new meet record** with a throw of 26.49m. She also won the gold medal in shot put. **Umesh Singh**, an MTech student of chemical engineering, won the silver medal in javeline throw with a powerful throw of 45.95m. The men's team of IITGN secured the 9th rank while the women's team secured the 11th rank in the overall championship tally.

Khel-Mahakumbh 2012-13

Chetas Joshi, a BTech student of electrical engineering, secured the 3rd position in the **table tennis tournament** at **Khel-Mahakumbh 2012-13**. The award included a cash prize of Rs 2000 and the opportunity to represent Ahmedabad at the inter-district table tennis championship in Rajkot.

Roof-Top Garden

Sushant Kumar Suman, a BTech student of chemical engineering, has developed a **Roof-Top Garden** on one of the terraces of the institute. The aim of the project is to develop a model that would be easy to develop in a large number of households. The new design exerts less pressure on the roof compared to conventional roof-top gardens, does not require any construction, does not hinder regular rainwater seepage, is easy to install and dismantle, and is economical.

Dean's List for the 2009 Batch

The Dean's List recognizes those students who achieve a certain level of academic excellence in an academic term. Such a student receives a letter of appreciation from the Dean (Academic) as formal recognition of their excellent academic performance. A student is required to satisfy the following criteria at the end of a semester to qualify for this honour:

- minimum SPI of 8.5 with at least normal academic load
- no Fail/Non-Pass/Not-Completed grade
- BC or higher grades in all credit courses
- not placed on any probation - academic or disciplinary

Dean's List for the year 2012-13 (Semester II)

Name	Roll no.	Discipline
Shruti Jain	09001004	Chemical Engineering
Divya Bansal	09001005	Chemical Engineering
Garima Raghuwanshi	09001006	Chemical Engineering
Susmitha Purnima Kotu	09001010	Chemical Engineering
Shalinee Kavadiya	09001011	Chemical Engineering
Adit Gupta	09001019	Chemical Engineering
Mohit Verma	09001020	Chemical Engineering
Neerav Gadhvi	09001023	Chemical Engineering
Shri Prakash Gupta	09001024	Chemical Engineering
Monica Yadav	09001026	Chemical Engineering
Ravi Teja	09001027	Chemical Engineering
Pooja Athawal	09001031	Chemical Engineering
Tarun Verma	09001033	Chemical Engineering
Shrankhla Narya	09001038	Chemical Engineering
Aditi Dighe	09002001	Electrical Engineering
Niral Parikh	09002002	Electrical Engineering
Bobbur Abhilash Chowdary	09002005	Electrical Engineering
Tarkeshwar Singh	09002008	Electrical Engineering
Ekta Prashnani	09002009	Electrical Engineering
Shubham Gupta	09002010	Electrical Engineering
Shubham Agarwal	09002012	Electrical Engineering
Pritish Jain	09002015	Electrical Engineering

Name	Roll no.	Discipline
Dhruv Chokshi	09002016	Electrical Engineering
Vipul Goyal	09002019	Electrical Engineering
Pritesh Sankhe	09002021	Electrical Engineering
Saurya Prakash Sinha	09002023	Electrical Engineering
Shashank P Naphade	09002024	Electrical Engineering
Subhash Kunchे	09002037	Electrical Engineering
Ankita Gupta	09002038	Electrical Engineering
Narendranath Balasubramoni	09002039	Electrical Engineering
Chetas Joshi	09002041	Electrical Engineering
Jainil Parekh	09002043	Electrical Engineering
Sayed Ayesha	09002044	Electrical Engineering
Yash Shah	09003001	Mechanical Engineering
Suresh Ramasamy	09003003	Mechanical Engineering
Rajat Jain	09003005	Mechanical Engineering
Abhijith Rajiv	09003007	Mechanical Engineering
Gourav Dubey	09003008	Mechanical Engineering
Tarun Rai	09003015	Mechanical Engineering
Shubham Chauhan	09003024	Mechanical Engineering
Babulal	09003026	Mechanical Engineering
Rudra Prasad	09003027	Mechanical Engineering
Prashant Patel	09003029	Mechanical Engineering
Varun Gupta	09003040	Mechanical Engineering
Anirudh Singal	09003041	Mechanical Engineering
Abhilash Patel	09003043	Mechanical Engineering

Recipients of the degree of Master of Technology for the year 2012-13

Chemical Engineering

Roll Number	Name of Students	Degree
11210001	AMIT SINGH	MTech
11210004	DEEPAK BABASAHEB JADHAV	MTech
11210005	GITE HEMANT BAPURAO	MTech
11210006	JOSHI JIGNESH RAJENDRAKUMAR	MTech
11210014	SATYAJIT MUKHERJEE	MTech
11210015	SAYAN KAR	MTech
11210017	UMESH SINGH	MTech
11210019	VIVEK RASIKBHAI POPAT	MTech

Civil Engineering

Roll Number	Name of Students	Degree
11210009	NIDAL RAJ BHURIA	MTech
11210016	SHIVANI RANI	MTech

Distribution of MTech degrees among the graduating batch

Discipline	Students eligible for the award of MTech degree
Chemical Engineering	08
Civil Engineering	02
TOTAL	10

Recipients of the degree of Bachelor of Technology for the year 2012-13

Chemical Engineering

Roll Number	Name of Students	Degree
09001001	PATEL ARTH MAHENDRAKUMAR	BTech
09001004	SHRUTI JAIN	BTech with Honours and with Minor in Computer Science and Engineering
09001005	DIVYA BANSAL	BTech with Honours
09001006	GARIMA RAGHUWANSHI	BTech with Minor in Management
09001010	SUSMITHA PURNIMA KOTU	BTech with Honours
09001011	SHALINEE KAVADIYA	BTech with Honours
09001012	RAHUL PANCHOLI	BTech
09001017	VISHVENDRA JOSHI	BTech
09001019	GUPTA ADIT SUNIL	BTech with Minor in Computer Science and Engineering
09001020	MOHIT VERMA	BTech with Minor in Management
09001021	GAURAV RATHORE	BTech with Minor in Management
09001023	NEERAV INDRAJIT GADHVI	BTech with Honours
09001024	SHRI PRAKASH GUPTA	BTech with Honours
09001025	VED PRAKASH SAHU	BTech
09001026	MONICA YADAV	BTech with Minor in Humanities and Social Sciences
09001027	CHINTALA NAGA VENKATA RAVI TEJA	BTech
09001028	SANJAY KUMAR MEENA	BTech
09001030	CHEKUMUKI VENKATA HIMA TEJA	BTech
09001031	POOJA ATHAWAL	BTech
09001032	NAGENDER SINGH	BTech
09001033	TARUN VERMA	BTech
09001034	RAVI KUMAR	BTech
09001035	SUSHANT KUMAR SUMAN	BTech
09001037	DIVYANK SINGH	BTech with Minor in Management
09001038	SHRANKHLA NARYA	BTech with Minor in Management

Electrical Engineering

Roll Number	Name of Students	Degree
0800234	AMERLA GIRIDHAR	BTech
09002001	ADITI DIGHE	BTech with Minor in Computer Science and Engineering
09002002	PARIKH NIRAL PANKAJ	BTech with Minor in Management
09002004	JESHNANI RAHUL KAMLESH	BTech
09002005	BOBBUR ABHILASH CHOWDARY	BTech
09002006	MOHIT MALU	BTech with Minor in Mechanical Engineering
09002007	ANKIT GROVER	BTech
09002008	TARKESHWAR SINGH	BTech with Minor in Management
09002009	EKTA PRASHNANI	BTech with Minor in Computer Science and Engineering
09002010	SHUBHAM GUPTA	BTech
09002011	PRATIK SHASHANK THACKER	BTech
09002012	SHUBHAM AGARWAL	BTech with Minor in Computer Science and Engineering
09002014	AKSHAY DILIP NAVALAKHA	BTech with Honours
09002015	PRITISH JAIN	BTech with Minor in Computer Science and Engineering
09002016	DHRUV RASESH CHOKSHI	BTech with Minor in Management
09002018	SATYENDRA SINGH JADAUN	BTech
09002019	VIPUL GOYAL	BTech with Minor in Computer Science and Engineering
09002020	PARTH M. SHAH	BTech
09002021	PRITESH RAJANIKANT SANKHE	BTech with Minor in Computer Science and Engineering
09002023	SAURYA PRAKASH SINHA	BTech
09002024	NAPHADE SHASHANK PRAMOD	BTech with Minor in Computer Science and Engineering
09002025	KISLAY PANKAJ	BTech

Roll Number	Name of Students	Degree
09002026	ULLAMGUNTA REVANTH VENKATA SANDEEP	BTech
09002027	SHASHANK SHEOHARE	BTech
09002028	BAJRANG LAL CHOUDHARY	BTech
09002029	KISHAN SUTHAR	BTech
09002030	SIDDHARTH GORA	BTech
09002031	JADALA KARTHIK	BTech
09002032	NITESH MESHRAM	BTech
09002033	JYOTI PRANAMI	BTech
09002034	ABHINAV BORKAR	BTech
09002035	SURAJ KUMAR SONKER	BTech
09002036	PIYUSH ARUN MESHRAM	BTech with Minor in Computer Science and Engineering
09002037	SUBHASH KUNCHE	BTech with Minor in Computer Science and Engineering
09002038	ANKITA GUPTA	BTech with Minor in Management
09002039	NARENDRANATH BALASUBRAMONI	BTech with Minor in Computer Science and Engineering
09002040	NASINA LALITHA PRAGNA	BTech
09002041	JOSHI CHETAS DIVYESHKUMAR	BTech with Minor in Computer Science and Engineering
09002042	SHUBHAM RANKA	BTech with Honours
09002043	JAINIL PANKAJ PAREKH	BTech with Minor in Computer Science and Engineering
09002044	SAYED AYESHA	BTech with Honours

Mechanical Engineering

Roll Number	Name of Students	Degree
0800331	DASARI SUMATEJA	BTech
09003001	SHAH YASH MAYURBHAI	BTech
09003002	AJINKYA P. DAHALE	BTech with Minor in Computer Science and Engineering
09003003	SURESH RAMASAMY	BTech
09003004	VISHNU VIJAY	BTech
09003005	RAJAT JAIN	BTech
09003007	ABHIJITH RAJIV	BTech
09003008	GOURAV DUBEY	BTech with Honours
09003010	SHASHANK PANDEY	BTech
09003011	B. ABHISHEK SHARMA	BTech
09003013	SHAH PRATHAM SUNIL	BTech with Minor in Computer Science and Engineering
09003014	CHERUVU SIDDHARTHA	BTech
09003015	TARUN RAI	BTech
09003017	RAVI AGARWAL	BTech
09003018	HIMANSHU M. DEWANGAN	BTech
09003019	SHYAMAL KISHORE	BTech with Honours
09003020	SUNIL PATIDAR	BTech
09003021	DHANDE CHETAN SUNIL	BTech
09003022	ANIL KUMAR CHEJARA	BTech
09003023	HARIKRISHNAN C.B	BTech with Minor in Computer Science and Engineering
09003024	SHUBHAM CHAUHAN	BTech
09003025	MAHADASYAM CHAITHANYA RAJEEV	BTech
09003026	BABULAL	BTech
09003027	M.RUDRA PRASAD	BTech
09003029	PRASHANT PATEL	BTech

Roll Number	Name of Students	Degree
09003031	DEEP DINESH KUMAR	BTech
09003032	DAYAMA DIPESH OMPRAKASH	BTech
09003034	BHAVIN D. CHAUHAN	BTech
09003035	AJISH R	BTech
09003037	KAUSTUBH TIRPUDE	BTech
09003038	SRIPADA R.G. KRISHNA TEJA	BTech
09003039	ROHIT CHOUKSEY	BTech with Honours
09003040	VARUN KUMAR GUPTA	BTech with Honours
09003041	ANIRUDH SINGAL	BTech
09003042	SHREYAS VAIDYA	BTech
09003043	ABHILASH PATEL	BTech
09003044	VRUSHIKET PATIL	BTech
09003045	MOHAK PATEL	BTech with Honours

Distribution of BTech degrees among the graduating batch of 2009

Discipline	Students eligible for the award of BTech degree						Total Strength
	BTech	BTech with Honours	BTech with one Minor	BTech with two Minors	BTech with Honours and one Minor	BTech with Honours and two Minors	
Chemical	12	5	7	0	1	0	25
Electrical	21	3	17	0	0	0	41
Mechanical	30	5	3	0	0	0	38
TOTAL	63	13	27	0	1	0	104



भारतीय प्रौद्योगिकी संस्थान गाँधीनगर
Indian Institute of Technology Gandhinagar

Medals and Awards



Medals and Awards for the year 2012-13

Award Category	Name of The Student
President's Gold Medal, BTech	SHRUTI JAIN
President's Gold Medal, MTech	SHIVANI RANI
Institute Gold Medal - Mechanical Engineering, BTech	ROHIT CHOUKSEY
Institute Gold Medal - Chemical Engineering, BTech	SHRUTI JAIN
Institute Gold Medal - Electrical Engineering, BTech	VIPUL GOYAL
Institute Gold Medal – Civil Engineering, MTech	SHIVANI RANI
Institute Gold Medal – Chemical Engineering, MTech	VIVEK RASIKBHAI POPAT
Institute Silver Medal - Mechanical Engineering, BTech	MOHAK PATEL
Institute Silver Medal - Chemical Engineering, BTech	SHALINEE KAVADIYA
Institute Silver Medal - Electrical Engineering, BTech	NARENDRANATH BALASUBRAMONI
Director's Gold Medal, BTech	TARKESHWAR SINGH
Director's Silver Medal - Mechanical Engineering, BTech	MOHAK PATEL
Director's Silver Medal - Chemical Engineering, BTech	GUPTA ADIT SUNIL
Director's Silver Medal - Electrical Engineering, BTech	ADITI DIGHE
Award for Outstanding Innovation	GUPTA ADIT SUNIL
Award for Outstanding Social Service	MONICA YADAV
Award for Integrity and Exemplary Human Qualities	ADITI DIGHE
Award for the Outstanding Research	SUSMITHA PURNIMA KOTU
Award for Overall Outstanding Performance in Sports	SHIVANI RANI
Award for Outstanding Performance in Aquatics	VRUSHIKET PATIL

Award Category	Name of The Student
Award for Outstanding Performance in Indoor Sports	JOSHI CHETAS DIVYESHKUMAR
Awards for Outstanding Performance in Arts and Culture	SHRANKHLA NARYA
Pioneer Batch Award for Outstanding Leadership	SHASHANK PANDEY
Award for the Best Performance in the core courses in Engineering Graphics, and Manufacturing and Workshop Practice	JAINIL PANKAJ PAREKH
Award for the Best Performance in core courses of Mathematics	SUBHASH KUNCHE
Award for the Best Performance in core courses in Physics and Chemistry	VIPUL GOYAL
Award for the Best Performance in core courses in Humanities and Social Sciences	SHRUTI JAIN
Award for the Best Overall Performance in Humanities and Social Sciences courses	MONICA YADAV

"Go Where Glory Waits Thee..."

Go and explore the world. Do not stop if anyone tells you that you can't do something!!

Best basketball players DSGN will ever have

Got to learn a lot from my seniors!!! Will miss you while watching late night football matches in the canteen. Best of luck for your future guys.

Imagination is greater than intelligence

I wish that you be an electron in the circuit which goes through step-up transformers!
You can take a guy out of DJ but you can never take the DJ out of the guy.

To all the basketball players in the graduating batch - you have been the biggest motivation ever for me to participate in sports. And in case if I do anything good in sports, I will dedicate all of that to you.

We are confident that you will do us proud. Seek knowledge, spread knowledge and be the responsible citizens of the world.

Apna jai!!!! Sounds too filmy but such was the bond between us and our senior batch... We wish them best of luck in all their future endeavors....

Let them shine and enlighten others - lighted to enlighten

We will fondly remember you as a diverse bunch of students with interests ranging from liberal arts to astronomy. Best wishes in everything you do...

To strengthen personal freedom is by building your own education and skills. Knowledge is a tangible asset, quite often the most important tool in your work. The more up-to-date the knowledge you possess, the freer you are. Knowledge cannot be taken away from anyone except by obsolescence.

Sometimes brothers are made in two years. Thanks guys for the love you gave us.

Go 2009! Splash the world with your colors, be the best in whatever you do. Let them know that where you come from, they don't make any second bests!

Life's battles are not necessarily won by the person who is stronger or faster or cleverer but by the person who thinks and has the will to win

Congratulations! Keep aiming higher and continue breaking own records. "Parabéns! Continuem a quebrar sempre os seus próprios records"

It's been only a week in the new academic year, and the hostels already seem dull without you guys bouncing around!

Don't wait! The time will never be just right and there is never a wrong time to do the right thing.

Remember when you were young, you shone like the sun. Shine on you crazy diamond

To be inspired is great, to inspire is INCREDIBLE! Inspire by your actions



About the Academic Dress

The origin of the academic dress (convocation dress) which includes the robe, the hood and the classical cap can be traced back to the universities of Europe in medieval times. The *Stole-robe*, designed specifically for the first Convocation of IITGN, is a combination of the Western academic attire and Indian free-flowing draped garments.

It uses rich fabrics like *Mashru*, which is traditionally woven in Gujarat and *Ghicha silk*, which is hand woven and hand spun *Khadi silk*.

Mashru is a mixed fabric characterised by a smooth silk surface and a soft cotton backing that requires very high skills of the weaver and is a time-consuming process. Fabrics such as *Mashru* are dying handloom traditions because of industrialization and the widespread use of the power loom.

Ghicha silk is an embodiment of *Gandhian* philosophy, as *Khadi* is not just a cloth but a whole movement to promote self-reliance and indigenous skills, crafts and textiles.

The use of *Khadi* or any hand-woven fabric instills a sense of self-respect, and also helps contribute to the development of the Indian economy.



Convocation Chief Guest

Dr Anil Kakodkar

DAE Homi Bhabha Chair Professor at BARC



Dr Anil Kakodkar is an eminent Indian nuclear scientist and mechanical engineer. He was the chairman of the Atomic Energy Commission of India and the secretary to the Government of India as well as the director of the Bhabha Atomic Research Centre, Trombay. Currently he is the DAE Homi Bhabha Chair Professor at BARC.

Dr Kakodkar obtained a degree in mechanical engineering from VJTI in Bombay University in 1963 and subsequently joined the Bhabha Atomic Research Centre (BARC) in 1964. He obtained a master's degree in experimental stress analysis from the University of Nottingham, UK in 1969.

Dr Kakodkar joined the Reactor Engineering Division of the BARC and played a key role in the design and construction of the Dhruva reactor, a completely original high-tech project. He was part of the core team of architects of India's nuclear tests in 1974 and 1998. Further he has led the indigenous development in India's pressurized heavy water reactor technology. His work in the rehabilitation of the two reactors at Kalpakkam that at one stage were on the verge of being written off, are examples of his engineering capability.

Dr Kakodkar became the director of BARC in the year 1996 and the chairman of Atomic Energy Commission of India and Secretary, Department of Atomic Energy in the year 2000. He is a member of the International Nuclear Energy Academy and honorary member of the World Innovation Foundation. He was member of the International Nuclear Safety Advisory Group (INSAG) during 1999-2002. Recently, he has been the principal architect of the report titled 'Taking IITs to Excellence and Greater Heights'. He has published over 250 scientific papers.

Dr Kakodkar is a Fellow of the Indian National Academy of Engineering and served as its president during 1999-2000. He is also a Fellow of the Indian Academy of Sciences, the National Academy of Sciences, India and the Maharashtra Academy of Sciences. He has received a plethora of awards in recognition of his exemplary professional services. These awards include Homi Bhabha Lifetime Achievement Award (2010), Rockwell Medal for Excellence in Technology (1997), H K Firodia Award for Excellence in Science and Technology (1997), ANACON (1998), Lifetime Achievement Award for Nuclear Sciences, and the Indian Science Congress Association's H J Bhabha Memorial Award (1999-2000) among others. He was conferred the Padma Shri (1998), Padma Bhushan (1999), and Padma Vibhushan (2009) by the Government of India.

जीवन के परम ध्येय सुख को, सारा समाज अपनाता है
देखना यही है, कौन वहां तक, किस प्रकार से जाता है।

है धर्म पहुंचना नहीं, धर्म तो जीवन भर चलने में है,
फैला कर पथ पर स्निग्ध ज्योति, दीपक समान जलने में है।

Rashmirathi Ramdhari Singh Dinkar

(While) The pleasures of life are coveted by all,
few may reflect on the path to the goal.

For success is not in arriving first,

but in every purposeful stride in a journey.

And in being a guiding light along the chosen path;

and in providing warmth and brightness to all.

मदिरालय जाने को घर से चलता है पीनेवाला,

'किस पथ से जाऊँ?' असमंजस में है वह भोलाभाला,

अलग-अलग पथ बतलाते सब पर मैं यह बतलाता हूँ -

'राह पकड़ तू एक चला चल, पा जाएगा मधुशाला

Harivansh Rai Bachchan

Setting off for a drink the thirsty one wonders

"Which path shall I take?"

for everyone points him in a different direction.

(To him I say)

Decide boldly and be firm through rain and shine

And the fountain you seek you will find

Climb every mountain,
Search high and low,
Follow every byway,
Every path you know.

Climb every mountain,
Ford every stream,
Follow every rainbow,
'Till you find your dream.

A dream that will need
All the love you can give,
Every day of your life
For as long as you live.

Climb every mountain,
Ford every stream,
Follow every rainbow,
Till you find your dream

Oscar Hammerstein II



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