



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

षष्ठ दीक्षांत समारोह

Indian Institute of Technology Guwahati  
North Guwahati

**Sixth Convocation**  
Saturday, 29 May, 2004



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

Indian Institute of Technology Guwahati  
North Guwahati

षष्ठ दीक्षांत समारोह

**Sixth Convocation**  
Saturday, 29 May, 2004

## **Programme**

---

National Anthem

Invocation

Chairman,BoG declares the Convocation open

Speech by the Chairman, Board of Governors

Report by the Director

Convocation Address by the Chief Guest

Award of Degrees and Medals

Pledge taking by Graduates

Chairman,BoG declares the Convocation closed

National Anthem

## Board of Governors

---

- |    |   |                                       |
|----|---|---------------------------------------|
| 1. | Lt. Gen. (Retd.) S.K. Sinha (up to 03.08.2003)<br>Governor, Assam<br>Rajbhavan, Guwahati – 781 004  | Chairman                              |
| 2. | Mr. A. K. Saikia (from 04.08.2003)<br>H – 8, SECTOR – 27, NOIDA – 201 301<br>Uttar Pradesh  | Chairman                              |
| 3. | Prof. G. Barua<br>Director, IIT Guwahati  | Member, ex-officio                    |
| 4. | Mr. S. K. Tripathy<br>Secretary<br>Dept. of Secondary & Higher Education<br>Govt. of India, MHRD<br>Shastri Bhavan, New Delhi–110001  | Member<br>Nominees of the IIT Council |
| 5. | Dr. N. K. Choudhury<br>Former V.C. Gauhati University<br>Niz Path, Rukminigaon, Guwahati-781022   | Member                                |
| 6. | Prof. D. Dutta Majumdar (up to 11.06.2003)<br>Professor Emeritus<br>Indian Statistical Institute,<br>Kolkata – 700 035  | Member                                |
| 7. | Prof. B. P. Khandelwal (from 12.06.2003)<br>Director<br>National Institute of Educational Planning &<br>Administration (NIEPA)<br>17-B, Sri Aurobindo Marg, New Delhi – 110 016 | Member                                |
| 8. | Mr. Kamleswar Bora (up to 11.06.2003)<br>Ex. V.C., Dibrugarh University<br>Debdaru Path, Near Assembly Hostel<br>Dispur, Guwahati – 781 006                                     | Member                                |
| 9. | Dr. Nilambhar Pant (up to 12.06.2003)<br>Member Space Commission<br>No. 10 ISRO Complex, Bhopal<br>Ahmedabad – 380 058  | Member                                |

- |     |  |                                  |
|-----|--|----------------------------------|
| 10. | Dr. G. Ch. Chennaiah (up to 18.11.2003)<br>Director, Dept. of Sc. & Tech. &<br>Director & Member Secretary<br>A.P. State Council for Sc. & Tech.<br>Itanagar – 791 113 | Member                           |
| 11. | Dr. S. C. Saha (from 19.11.2003)<br>Principal<br>Tripura Engineering College<br>Barjala, Jirania, Tripura (West)   | Member                           |
| 12. | Prof. A. K. Gogoi<br>Professor, Dept. of ECE, IIT Guwahati   | Member<br>Nominees of the Senate |
| 13. | Prof. K. Ramachandran (up to 31.12.2003)<br>Professor, Dept. of Design, IIT Guwahati   | Member                           |
| 14. | Prof. P. G. Yammiyavar (from 01.01.2004)<br>Professor, Dept. of Design, IIT Guwahati   | Member                           |
| 15. | Prof. M. C. Borgohain (up to 30.09.2003)<br>Registrar , IIT Guwahati   | Secretary                        |
| 16. | Prof. A. D. Sahasrabudhe (From 01.10.2003)<br>Registrar In-charge<br>IIT Guwahati  |                                  |

## Organisation

---

A.K. Saikia	Chairman, Board of Governors
Prof. G. Barua	Director
Prof. A.D. Sahasrabudhe	Deputy Director
Prof. M.K. Chaudhuri	Dean, Research & Development
Dr. P.K. Bora	Assoc. Dean, Academic Affairs
Mr. R.M. Punekar	Assoc. Dean, Students' Affairs
Dr. B.N. Ray Chaudhury	Registrar

## Heads of Departments

Dr. Santanu Chattopadhyaya	Computer Science And Engineering
Prof. A. K. Gogoi	Electronics and Communication Engineering
Dr. P. S. Robi	Mechanical Engineering
Dr. S. Talukdar	Civil Engineering
Dr. R. Swaminathan	Biotechnology
Prof. D. S. De	Chemical Engineering
Prof K.Ramchandran	Design
Prof J.B Barua	Chemistry
Dr. A. Srinivasan	Physics
Dr. D.C. Dalal	Mathematics
Dr. S. Borbora	Humanities and Social Sciences

## Gold and Silver Medalists

---



**President of India Gold Medal**  
Varun Varshney  
Computer Science and Engineering



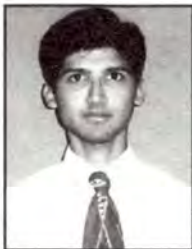
Silver Medal  
Turaga Pavan Kumar  
Electronics and Communication Engineering



Silver Medal  
Manvendra Tiwari  
Mechanical Engineering



Silver Medal  
Ankit Srivastava  
Civil Engineering



Silver Medal  
Madhur Khandelwal  
Design



Silver Medal  
Tapan Chandra Adhyapak  
Physics



Silver Medal  
Sonit Kumar Gogoi  
Chemistry



Silver Medal  
Pawan Kumar Rai  
Mathematics and Computing



Dr. Shankar Dayal Sharma Gold Medal  
Nadakuditi Venkata Pavan  
Civil Engineering



**List of Students who have fulfilled the requirements for the award of B.Tech. Degree  
Computer Science and Engineering**

---

<b>ROLLNO.</b>	<b>NAME</b>
001134	Varun Varshney
001136	Vivek Vishal Shrivastava
001125	Rayanchu Shravan Kumar
001137	Priyanka Sinha
001139	Shyam Antony
001116	Karan Singal
001118	Kunal Mehta
001132	Sugam Pandey
001112	Farhan Chaudhary
001140	Anupam Mediratta
001128	Sanjit Saluja
001114	Jagrati Agrawal
001102	Abhinav Sarje
001121	Nishit Tewari
001133	Suraj Kumar Jaiswal
001103	Akhilesh Gupta
001127	Sandeep Kumar
001115	Jaspreet Singh
001120	Mithilesh Kumar
001111	Dip Jyoti Malakar
001129	Saurabh Agarwal
001101	Abhijeet Kumar
001110	Dheeraj Batra
001108	Ashish Gupta
001104	Amit Wasudeo Chawre
001107	Anurag Jain
001113	Hemant Mishra
001135	Vibha Kant
001119	Kunal Taneja
001131	Sudhir Maheshwari
001105	Ankur Chauhan
001126	Ritesh Tiwari
001130	Shashwat Srivastava
001123	Rajib Biswas
991119	Kanishka Gupta
991136	Vivek Chandra Patel

**List of Students who have fulfilled the requirements for the award of B.Tech. Degree  
Electronics and Communication Engineering**

---

<b>ROLLNO.</b>	<b>NAME</b>
001230	Turaga Pavan Kumar
001212	Gaurav Gupta
001207	Anreddy Vikram Reddy
001221	Prasoon Kumar
001219	Nishant Mohan
001236	Kapil Gulati
001237	Gurprakash Singh
001211	Awlok Singh Josan
001228	Sharad Saha
001205	Ambar Nawaz
001214	K Anirudh Reddy
001206	Amrit Kumar
001232	V. Neelima
001217	Nadipi Reddy Prabhav
001210	Ashish Ranga
001220	Pawandeep Singh Taluja
001203	Ajeet
001227	Samant Saurabh
001223	Ranjit Kumar
001222	Ranjeet Mishra
001213	Gaurav Jain
001233	Vivek Ramachandran
001204	Akhielesh Shukla
001235	Vuppala Santosh Kumar
001215	K Sandeep Dinesh
001226	S.M. Saravana Alagu Balaji
001218	Natasha
001209	Anurag Sinha
001202	Aditya
001225	Rohan Digambar Medhekar
001231	Upendra Kumar Mahato
001229	Shubham Dadel

**List of Students who have fulfilled the requirements for the award of B.Tech. Degree  
Mechanical Engineering**

---

<b>ROLLNO.</b>	<b>NAME</b>
001310	Manvendra Tiwari
001308	Kundan Trehan
001313	Nipun Misra
001303	Amit Shukla
001306	K. Vamshi Krishna
001312	Nimisha Nidhi
001320	Rahul Setiya
001327	Vivek Singh
001302	Amit Agarwal
001319	Rahul
001325	Varun Garde
001314	Niranjan Kumar
001309	Manish Kumar
001326	Vibhash Chandra Jha
001311	Munesh Kumar
001315	Ponnaganti Maruti Ram
001322	Sudeep Arya
001324	Tanmay Mittal
001317	Pranav Shrivastava
001304	Bellam Naveen Krishna
001323	Sudhesh Rajan
991323	Pranav Verma

**List of Students who have fulfilled the requirements for the award of B.Tech. Degree  
Civil Engineering**

---

<b>ROLLNO.</b>	<b>NAME</b>
001403	Ankit Srivastava
001411	Nadakuditi Venkata Pavan
001418	Sanjay Singh
001422	Shreyans Daga
001414	Patil Ashwinikumar Purushottam
001417	Ravi Bhardwaj
001410	Maneesh Mahlawat
001407	Ch. Pradeep Chowdary
001415	Pochampally Vijender Reddy
001412	Nanhe Lal Gupta
001405	Bhandari Gaurav Anil
001402	Amitesh Kumar
001406	Bondugula Srikant
001404	Anurag Srivastava
001416	Ratnesh Sharma
001401	Amol Jivan Dhanvij
001419	Shailendra Pratap Singh

**List of Students who have fulfilled the requirements for the award of  
B.Des. Degree Design**

---

<b>ROLLNO.</b>	<b>NAME</b>
001510	Madhur Khandelwal
001501	Alok Chandel
001507	Gopal Vaswani
001518	Sahil Goyal
001511	Manaswi Shukla
001505	Gagan Preet Singh Shah
001513	Netesh Chandra
001519	Saurabh Jetly
001508	Jaideep Godara
001503	Avinish Chaturvedi
001520	Siddharth Ghule
001506	Gajendra Agrawal
001504	Gaddam Balaraju
001516	Pradeep Kumar
001509	Krishna Shekhar
001514	Patri Usha Vikas

## List of Students who have fulfilled the requirements for the award of the M.Sc. Degree.

---

### Physics

Roll No	Name
02212108	Tapan Chandra Adhyapak
02212104	Krishna Kanti Dey
02212105	Shyamal Kumar Das
02212102	Kallol Pradhan
02212109	Vimal Kishore
02212106	Smritimala Sarmah
01212105	Ranjeet Kumar Karn

### Chemistry

Roll No	Name
02212209	Sonit Kr. Gogoi
02212207	Sagar Sharma
02212205	Nirupam Purkayastha
02212210	Yoofisaca Syngkon Nongpluh
02212203	Nayan Moni Gogoi
02212201	Dipak Dutta
02212208	Sarbani Borpuzari
02212206	Prasanta Jyoti Goutam
02212202	Murshida Karim
01212202	Ankur Duarah

### Mathematics & Computing

Roll No	Name
02212308	Pawan Kumar Rai
02212304	Debasreeta Dutta Gupta
02212303	Biswajeet Rout
02212306	Diganta Borah
01212311	Gautam Banik
01212307	Kamalesh Sinha

**List of the students who have fulfilled the requirements for the award of the M.Tech. degree.**

---

**Computer Science and Engineering**

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Saju Jude Dominic	02410121	Some External Memory Data Structure & Their Algorithmic Applications.
Alok Kumar Sharma	02410103	Privacy Preserving Association Rule Mining in Vertically portioned data for Multi Parties.
J. Swami Naik	01410112	Intelligent Web Page Filtering & Blocking Information.

**Electronics and Communication Engineering**

<b>Name</b>	<b>Roll No.</b>	<b>Project Title</b>
G. Narasimha Rao	02410206	<b>Signal Processing</b> VLSI Architecture for Accurate Modeling of Mobile Wireless Communication Channel.
Abhinav Gupta	02410201	Extraction and Enhancement of Fetal ECG using Adaptive Algorithms : A Multi channel Approach
Mr. Vikas Jain	02410223	Arrhythmia Classification using Wavelet Analysis and Multi-Stage Neural Networks
Mr. Khadtare Mahesh Satish	02410208	Arrhythmia Classification with Multi-Resolution Analysis and Support Vector Machine.
Mr. Parmar Sargam Dalsukhbhai	02410214	Seperation performance of ICA algorithms on FECG and MECG signals contaminated by noise.
		<b>Control System</b>
Manish Sabraj	01410210	OFDM Air-Interface for wireless Communications

## Mechanical Engineering

---

Name	Roll No	Project Title
<b>Machine Design</b>		
Mr. Devesh Kr. Ojha	02410309	Soft Computing Based Optimization of Turning Process
Pravin Indurkar	02410321	Adaptive Finite Element Analysis of Cracked Component with an automatic mesh generator.
Thatiparthi Ramana Reddy	02410324	Finite Element Analysis of Artificial Hip Joint
Deepak Tripathi	01410305	Estimation of Optimum Support Parameters for Flexibly Supported Fluid Film Bearings.
<b>Fluids &amp; Thermal</b>		
Jaya Raj Kumar Mullakalapalli	02410315	Experimental Investigation and Flow Simulation of Savonius Rotors

## Civil Engineering

Name	Roll No.	Project Title
<b>Structural Engineering</b>		
Debabrata Kar	01410404	Vibration Control of Structures Using Tuned Liquid Column Damper



**Students who have fulfilled the requirements for the award of the Ph.D. degree.**

---

**Chemistry**

<b>Name</b>	<b>Thesis Title</b>
Arup Purkayastha	Some oxidative reactions of Silanes and related compounds catalysed by copper(II) and palladium(II) complexes
Tridip Kumar Sarma	Spectroscopic Investigations of Fluid Flow in Soap Bubbles & Au-nanoparticles and its Polyaniline Composite Synthesis.

**Physics**

<b>Name</b>	<b>Thesis Title</b>
Akhaya Kumar Patanaik	Studies on Bulk and Thin Films of Lead (Pb) Modified Chalcogenide Glasses

**Humanities and Social Sciences**

<b>Name</b>	<b>Thesis Title</b>
Ratul Mahanta	An Analysis of Regional Disparities in Agricultural Development in Assam : An Econometric Approach

**Mechanical Engineering**

<b>Name</b>	<b>Thesis Title</b>
Prabal Talukdar	Combined Radiation, Conduction and / or Convection Heat Transfer in Participating Media

**Civil Engineering**

<b>Name</b>	<b>Thesis Title</b>
Paresh Chandra Deka	Fuzzy Neural Network Modeling for Hydrological Studies