

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी उत्तर गुवाहाटी, गुवाहाटी सप्तम दीक्षांत समारोह

Indian Institute of Technology Guwahati North Guwahati, Guwahati **Seventh Convocation** Monday, May 30 2005



Indian Institute of Technology Guwahati

Seventh Convocation

North Guwahati

Monday, 30 May, 2005

Programme

Entry of the Academic Procession into the Convocation Hall

Invocation

Declaration of the Opening of the Convocation by the Chairman, BoG

Welcome of the Chief Guest and the Guest of Honour and the speech by the Chairman, BoG

Report by the Director

Speech by the Guest of Honour

Convocation Address by the Chief Guest

Award of Ph.D, M.Tech., B.Tech., B.Des and M.Sc. Degree Certificates by the Director

Presentation of the Dr. Shankar Dayal Sharma Gold Medal by the Guest of Honour

Presentation of Institute Medals by the Chief Guest

Pledge by the Graduates

Declaration of the closing of the Convocation by the Chairman, BoG

National Anthem

Exit of the Academic Procession from the Convocation Hall



Board of Governors

Shri A K Saikia Chairman 1 H - 8. Sector - 27. NOIDA - 201301 Httar Pradesh 2 Prof Gautam Barua Member, ex-officio Director, IIT Guwahati Mr. Sudeep Baneriee Member-Nominees of the 3. Additional Secretary (S&HE) IIT Council Department of Secondary & Higher Education MHRD, Govt. of India, Technical Section - I. Shastri Bhavan, New Delhi - 110001 4 Dr. N. Pant Member Member, Space Commission Space Application Centre, Amnawadi Vistar Ahmedabad - 380015 Prof. B. P. Khandelwal Member 5. Former Director of NIEPA 4503/ATS, Sector - 50, NOIDA, Uttar Pradesh Member Shri P. K. Lahiri 6. Chairman, Indian School of Mines, Dhanbad B - 8, Second Floor, Green Park Extension New Delhi - 110016 7. Dr. N. K. Chaudhury Member Former V. C., Gauhati University Nii Path, Rukminigaon, Guwahati - 781022 Dr. S. C. Saha Member 8. Principal, Tripura Engineering College Bariala, Jirania, Tripura - 799055 Prof. P. G. Yammiyavar Member-Nominees of 9. Professor, Dept. of Design, IIT Guwahati the Senate 10. Prof. Sukumar Nandi. Member Professor, Dept. of Computer Science & Engineering 11. Dr. B. N. Raychoudhury Secretary Registrar, IIT Guwahati

Organisation

Shri A. K. Saikia Chairman, Board of Governors

Prof. Gautam Barua Director

Prof. A. D. Sahasrabudhe Deputy Director

Prof. M. K. Chaudhuri Dean, Research & Development

Prof. P. K. Bora Dean, Academic Affairs

Mr. R. M. Punekar Assoc. Dean, Students' Affairs

Dr. B. N. Raychoudhury Registrar

Heads of Departments

Dr. R. Swaminathan Biotechnology

Prof. D. S. De Chemical Engineering

Prof. J. B. Baruah Chemistry

Dr. S. Talukdar Civil Engineering

Prof. S. Nandi Computer Science and Engineering

Prof K. Ramachandran Design

Dr. S. Dandapat Electronics and Communication Engineering

Dr. S. Borbora Humanities and Social Sciences

Dr. D. C. Dalal Mathematics

Dr. P. S. Robi Mechanical Engineering

Prof. A. Srinivasan Physics

Heads of Academic Centres

Dr. P. Mahanta Centre for Energy

Dr. M. Jawed Centre for the Environment Centre for Nanotechnology

Gold and Silver Medalists



President of India Gold Medal Shantanu Gupta Computer Science and Engineering



Silver Medal
Srujan Linga
Electronics and Communication Engineering



Silver Medal Amit Kushwaha Mechanical Engineering



Silver Medal

M. Sri Krishna Kanth

Civil Engineering



Silver Medal Kshitiz Anand Design



Silver Medal Poulumi Dey Physics



Silver Medal Rotti Srivasamurthy Swathi Chemistry



Silver Medal Arackaparambil Chrisil Joseph Mathematics and Computing



Dr. Shankar Dayal Sharma Gold Medal Nadukandi Prashanth Civil Engineering

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

ROLL NO.	NAME
01010101	Akshat Kumar
01010102	Anurag Rajat
01010104	Ashish Awasthi
01010105	Deepak Kumar Singh
01010106	Gaurav Upadhyay
01010107	Gautam Das
01010108	J. Abhishek
01010110	K.S. Sundeep Reddy
01010112	Kommidi Suckmal Sena
01010113	Manish Mukundan Nair
01010114	Mohit Tiwari
01010115	Pradeep Tewari
01010116	Praveen Singh Saugat
01010117	Rahul Singh
01010118	Rishi Bhardwaj
01010120	Sameer Chandrakar
01010121	Sameer Narang
01010122	Saurabh Aggarwala
01010123	Shantanu Gupta
01010124	Sharma Ashish
01010125	Siva Gurumurthy
01010126 01010127	Soumadeep Basu Sreedhar Babu Veeravalli
01010127	Sumit Suman
01010128	
01010129	Sunil Kumar Reddy Y. Suvesh Malhotra
01010130	Tarang Vaish
01010131	Vikash Kumar
01010132	Vinod Rao
01010134	Vipin Puri
01010134	Gaurav Saikia
001106	Anudhar Reddy Emani
001107	Anurag Jain
001117	Kiran Abbadasari
001122	Ponnam Vinay Kumar
001138	Shailendra Singh Rathore
	S. Galleria Singir Flation

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

ROLL NO.	NAME
01010202	Ashok Kumar Yadav
01010203	Atul Agrawal
01010204	Bhupendra Gothwal
01010205	Dorjee Khandu Thungon
01010207	Harvinder Singh
01010208	Himanshu Dhillon
01010209	Ishwar Singh Bhati
01010210	Kamlesh Jonwal
01010211	M.L.N.P.P. Prasanth
01010212	Manish Rawat
01010213	Nawal Kumar
01010214	Nitin Kwatra
01010215	P. Santosh Reddy
01010216	Pranay Prabhat
01010217	Prateek Mohan Dayal
01010218	Priyank Thakur
01010219	Rajesh Kumar
01010220	Rajesh Talluri
01010221	Roy Gautam Samarendranath
01010222	S. Venkata Ramanan
01010223	Sachin Bhatia
01010224	Sachin Kumar Sinha
01010225	Sachin Sethiya
01010226	Sandeep Shekhar Prasad
01010227	Sankalp Sah
01010228	Shubhodeep Roy Choudhury
01010229	Soumya Das
01010230	Sunil Kumar Singh V. Rakesh
01010231	
01010232	Varun Aggarwal
01010233	Vijender Khatri Vimal Kishor
01010234	
01010235 01010236	Vinay Yadav Rajan Dahiya
01010236	Srujan Linga
01010237	Ankur Goel
01010236	Ankush Samant
01010239	Souray Kumar
01010240	Journal Ruman

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

ROLL NO.	NAME
01010301	Abhishek Kumar
01010302	Ambrish Mukut Srivastava
01010303	Amit Kushwaha
01010306	Arvind Kumar Pandey
01010307	Ashish Singh
0.0.000	Ashutosh Agrawal
01010309	Doop chigh.
01010310	11011000111100011
01010311	Katragadda Karthik
01010314	Neeraj Kuar
01010010	Om Prakash
01010316	P. Kashyap
01010317	Piyush
01010318	Pranshu Chugh
01010319	Praveen Sharma
0.0.0020	Rahul Jain
01010321	Siddhartha Shankar Choudhury
0.0.00	Somesh Khandelwal
01010325	T. Sri Harsha Vardhan Reddy
01010326	Vijay Kumar Gupta
01010327	Vishesh
01010329	Yuvaraj N.
01010330	Pranav Kumar

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

ROLL NO.	NAME
01010402	Arpit Tyagi
01010403	Bhargava Kishore Sana
01010404	
01010406	
01010407	
01010408	Lalit Bhakal
01010409	M. Sri Krishna Kanth
01010410	Nadukandi Prashanth
01010413	Rajendra Kumar Varma
01010414	Rohit Maheshwari
01010415	S. Prashanth
01010416	Sachin Tyagi
01010417	Sumit Bindra
01010418	Sumit Shah

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

그리아 [6] 가는데 그는 말은 그렇게 어떻죠?	
01020509 Nitin Pande 01020511 Puneet Mathur 01020512 Rahul Bhatt 01020513 Sanka Tandav Krishna 01020514 Shivam Goyal 01020515 Shravan Kumar Mukho 01020516 Sugandha Pahwa 01020517 Sumeet Gupta 01020519 Varun Niti Singh	a
001515 Porus Rathore 001517 Rohit Kumar	

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

ROLL NO.	NAME
Dhualas	
Physics	
03212101	Amzad Hussain Laskar
03212103	Ayan Khan
03212106	Debabrata Deb
03212107	Gautam Medhi
03212108	Gautam Sarma
03212110	Laishram Tomba Singh
03212111	Mridu Pavan Kalita
03212114	Poulumi Dey
02212101	Debaditya Choudhury
02212107	Swastibrata Bhattacharyya
	Bloy Faul
Chemistry	
03212201	Anupam Patgiri
03212203	Baishali Chetia
03212204	Bhaskar Jyoti Bhuyan
03212208	Jasmine
03212212	Pijus Kumar Sasmal
03212216	Rotti Srinivasamurthy Swathi
03212219	Srinivasan A.
03212221	Wagh Vaibhav Madhukar
no ville Systems •	
Mathematics & Computing	
03212301	Arackaparambil Chrisil Joseph
03212303	Ashis Kumar Roy
03212304	Biswajyoti Das
03212308	Jitudhan Kumar
03212310	Kezhasono Meyase
03212311	Kumar Hemant
03212312	Neetu Khakholia
03212313	Nigam Chandra Parida
03212314	Vikas Gupta
02212302	Ashutosh Rai
02212309	Prashenjit Saha
02212307	Manas Dutta

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

Computer Science and Engineering

Name	Roll No.	Project Title
Arindam Choudhury	03410103	Chakshu-An Interface for Visually Challenged
Kola Vidya Sagar	03410111	System-on-chip Wrapper/Tam Co- optimization using Generalized Rectangle Packing Approch
Nandan Chaturbhuj	03410113	Cluster Based Ad-hoc Network Routing Protocol Implementation under Windows CE.NET kernel and File Synchronization Application for Smart Devices
Smruti Padhey	03410127	Self-Stabilizing Routing Algorithms
Bijoy Paul	03410132	Virtual Backbones for Ad-hoc Wireless Network
Rajiv M. Hegde	03410136	Power Aware Mobile Ad-hoc Networks
Trivedi Uday Dhirendrakumar	03410137	Chakshu-An Interface for Visually Challenged
Abhay Kumar Paliwal	02410101	Template Based Shape and Pattern Matching and Straight Skeleton for Ortho Convex Polygons.
Alka	02410102	One and Two Fault Containing Multiphase Self Stabilizing Distributed Algorithms for Spanning Tree Problem
Annadanam Rama Kotaiah	02410104	Efficient Metadata Maintenance in Versioning File Systems
Raghavendra Rao B.V.	02410106	A Lower Bound for List Ranking on BSP and Some EM-BSP algorithms
K. Srikanth Babu	02410109	Improving Speech Recognition Accuracy using MLLR and MAP Adaption
K. Sreenivasulu Reddy	02410110	Power Minimization Techniques for Testing VLSI Circuits Networks
Manas Kumar Dewangan	02410111	Technology mapping for SX-A based EPGA aiming area minimization
M. Shyam Sundar Rao	02410112	Developing a Framework for OLAP using XML in Distributed Environment
Mogre Parag Sudhir	02410113	Near Optimal Multiclass Minimum-delay Routing for Cellular Networks with Variable Topology
Nethi Krishna Prasad	02410114	Some Studies on Systems : On-chip Testing
Punnet Bakshi	02410115	Evolving Gaits for Stiquito Through Web Services
Rajendra Prasad	02410116	A Generic Framework for Embedding

Badapanda	A THE PARTY OF THE	Robots in the Internet
Sreenivasa Rao	02410118	Language Identification using Acoustic Phone based Likelihoods
Ponaganti	00440440	· · · · · · · · · · · · · · · · · · ·
Satyendra Singh Thakur	02410119	Power Saving Issue of IEEE 802.11 based Mobile Ad Hoc Networks
Soma Sudarshan	02410120	Issues in EDF Scheduling
Sumit Sahu	02410123	A Synchronous Algorithm for Check
	Nediral Netwo	Pointing & Rollback Recovery in Mobile Computing System
T. Kasi Naidu	02410124	Routing Algorithm for Multi-Hop Mobile Ad-Hoc Networks : A Geometric Approach
V - I - I - DI - I - I - I	00440405	
Venkata Phanindra Kumar Grandhi	02410125	An Architecture for Usage – Based Billing System
Ved Prakash Anand	02410126	Fault Tolerant Execution and Tempering Detection of Mobile Agents in Closed Network
Valluru Rajasekhar	02410127	Straight Skeleton Based Geometric Morphing and Character Thinning
Viswanath Reddy Guddeti	02410128	Speaker Verification Systems : Design, Implementation and Improvement
Vijay Tandekar	02410129	Routing in Mesh Network for Rural Areas
Vishnumolakala M.	02410130	A Bluetooth Enabled Embedded Learning
Krishna	7 sent nov	Controller for Autonomous Mobile Robotics
Surender Singh	01410123	Study of Load Balancing in a Network of Computers

Mechanical Engineering

		Machine Design
Name	Roll No.	Project Title
Abhishek Kumar Mishra	02410301	Production of Thin Section by Twin Roll Casting Technique.
Anil Kumar Singh	02410302	Drill Wear Monitoring using Artificial Neural Network
Bhanu Sankar Muramalla	02410306	Modeling and Simulation of Orthogonal Machining Process using Finite Element Method
Dushyant Kumar	02410310	Analysis of Cold Foil Rolling and Neural Network Modelling
Hari Babu Bagudu	02410313	Adaptive P-Refinement Scheme for Finite Element Analysis of Structural Elements
Jagu Srinivasa Rao	02410314	Solution of Heat Conduction and Torsiq Problem using Radial Basis Function Neural Networks
Mani Sankar Mandal	02410320	Bond Graph Modeling of Temperature Distribution in a Though-Process Hot Steel Rolling
Thivagar T	02410325	Non-linear Time Transient Stability Analysis of Multilobe Bearings

Fluids and Thermal Sciences

Name	Roll No.	Project Title
Anjaneyulu Lankadasu	02410303	Application of Lattice Boltzmann Method for Solving Conduction – Radiation Problems.
Anjapally Madhusudan	02410304	Analysis of Transient Radiactive Transfer in Partcipating Medium
D Siva Krishna Reddy	02410308	Computation of Hypersonic Flow of Equili- brium Reacting Air over a Blunt Body
Venkata Ramana Eaga	02410311	Analysis of Transient in Natural Circulation Boiling Water Reactor
E. Vishnu Vardhana Rao	02410312	Incompressible Steady Two Dimensional Laminar and Turbulent Flow Computation using Simple algorithm
K. Rajesh	02410316	Linear Control of Transition in 2D Flows and Computation of 3D Unsteady Incompressible Viscous Flows
Kanhaiya Lal Meena	02410318	Heat Transfer Characteristics on Upper Splash Region and inCyclone Separator of a Circulating Jhidized Bed Unit
K. Sumitthra Raju	02410319	Heat Transfer Enhancement in a Concentric Tube Heat Exchanger
Sanka V.V.S.N.S. Manyam	02410323	Modeling Two-phase Flows in Mini Channels Application to Pulsating Heat Pipes
Y. Rama Krishna Reddy	02410326	Numerical Study of Incompressible Steady Laminar Flow by Finite Volume Method

Electronics and Communication Engineering

Signal Processing

Name	Roll No.	Project Title
Anil Kumar Rai	02410204	VLSI Architecture Design and FPGA Implementation of a Low Complexity Turbo Codec.
Balakrishan Ahirwal	02410205	DSP Implementation of Constant Envelope Modulation
Inaganti Sunil	02410207	A Low-Power Architecture for an Adaptive Viterbi Decoder
Kootikanti Venkataiah	02410210	An Estimation Technique for Power Line Frequency using Extended Kalman Filter and its DSP Implementation
Mitnala Siva Pavan Kumar	02410211	Cooperative Multi-hop Relaying over Fading Channels
P.S. Kiran Kumar	02410212	VLSI Architecture for an OFDM IEEE 802.11a Transmitter
P. Venkata Sunil	02410213	DSP Implementation of MPEG-4 Video Encoder
Prakash Pattisapu	02410215	LDPC for MIMO Systems : Algorithms and Architecture
Suneetha Tata	02410217	A Prototype Architecture for Face Detection in Color Images
Syed Arif	02410218	An Efficient Technique for Reduction of Peak to Average Power Ratio in OFDM System
Thotreingam Kasar	02410219	Contour Based Object Tracking in Video Sequences
Veera Sekharappa Mandlem	02410221	Emotional Speech Classification Using Artificial Neural Network
Vijay Kumar	02410222	Discrete Wavelet Transform Based ECG Data Compression for Mobile Telemedicine System
V. Prapulla	02410224	Baseband Signal Processing for Software Defined Radios
Kandarpa Kumar Sarma	01410208	Assamese Character Recognition using Neural Netwroks
Sanjib Das	01410220	Development of Remote laboratory for Experiments on Modulation Techniques in Communication Engineering

Civil Engineering

	Dall Ma	Structural Engineering
Name	Roll No.	Project Title
Atop Lego	02410401	Seismic Modeling of Slab on Girder R.C. Bridge
Bhagate Kiran Appasaheb	02410402	Design Sensitivity Analysis using
national la Photoside	70402	Elastoplastic Constitutive Model for
		Large Strain by Finite Element Method
Bishweswar Sahoo	02410403	Application of Soft Computing on
Distiweswar Sanoo	02410403	
Name Pal O	00440404	damage Assessment of Structure
Neveen Raj C	02410404	Dynamic Response of Buffled Liquid
		Storage Tank
		Considering Fluid Structure Interaction
Sreenivasulu Chenchugari	02410405	Seismic Response of Structure
		Considering Effect of
		Unbounded Soil Media
Gujare Rakesh Arjun	02410406	Effect of Reservoir Bottom on
		Development of
		Hydrodynamic Pressure on Dam
Hopeful Sylemiong	02410407	Finite Element Analysis of a Single
riopolal cylonnolig	bos Wisdo	Spine Curved Box Girden Bridge
Murali Gundala	02410408	Seismic Performance Evaluation and
Murali Guridala	02410400	Retrofilling of
N	00440400	Multistronged Asymmetric Building
Nagendra Babu Desu	02410409	Genetic Algorithm based Optimum
		Seismic Response Control of
		Asymmetric
		Building using Tuned Mass Dampers
Nelluru Subbareddy	02410410	Seismic Analysis of Skewed R.C.
		Bridge Bridge
Pallab Das	02410411	Model Features of Cracked PCC
		Beams
Prasenjit Paul	02410413	Fatigue Analysis of Orthotropic Bridge
		Deck some 2 more and antinemus
Shaikh Mubeen Rahman	02410416	Landing Response of an Aircraft on
menonence no anotteotteotteot	02110110	Flexible Runway with an Antiskid
		Braking System
Apurba Kumar Deka	01410401	Study on Performance of tuned man
Apurba Kumar Deka	01410401	
		damper for controlling wind vibration in
Deal of the second	00045-	tall building
Jyotirmoy Kalita	003405	Seismic Evaluation of Existing R.C.
		Buildings

Water Resource:Utilization and Environment Management Roll No. Project Title

Name	Roll No.	Project Title
Mohd Zulquer Nain	03410418	Response of Anaerobic Biomass Sub
		jected to Sudden Change in Feed Type

List of the students who have fulfilled the requirements for the award of the Ph.D. degree.

Name	Thesis Title	
Chemistry		
Devasish Chowdhury	Newer Physical and Chemical Methods of Generating Polymer Films with Macroscopic, Mesoscopic and Nanoscopic Patterns	
Md. Akhtarul Alam	Synthesis of Enantiomerically Pure Chiral Hosts using Amino Acid Derived Ligands with Fe (III), Ni (II) and Cu (II) ions	
Ejabul Mondal	New Synthetic Methodologies for Thio and Dethio- Acetalization of Carbonyl Compounds, and Desilylation of Tert-Butyldimethylsilyl Ethers	
Sanjay Kumar Dehury	Development of Newer Catalytic Systems and Protocols for a few Important Catalysts and Inorganic Reagents based on Cobalt(II and III),Copper(II),Chromium(VI),Vanadium((IV and V) and Tribromide(Br ₃)	
Physics		
Manoranjan Kar	Electrical Resistivity and AC Susceptibility Studies in Perovskite Manganites	
Abhijit Bora	Study of Some Integrable Coupled Dynamical Systems Related to Optical Solitions and Their Applications	
Humanities and Social Scie	nA supers	
Surya Kanta Maharana	Samkara and Husserl : Investigations on Consciousness	
Civil Engineering	ne vibra Kuraenbaka - 1 01010101 Suidy admira Kuraenbaka - 1 01010101	
Rajib Kumar Goswami	Geotechnical & Environmental Performance of Residual Lateritic Soil Stabilised with Flyash and Lime	