



दशम दीक्षांत समारोह
भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
23 मई 2008

Tenth Convocation
Indian Institute of Technology Guwahati
23 May 2008



Indian Institute of Technology Guwahati

Tenth Convocation

Friday, 23 May 2008

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 speech by the Chairman, BoG

Report by the Director

Convocation Address by the Chief Guest

Award of PhD, MTech, BTech, BDes and MSc Degree Certificates by the Director

Presentation of the Dr. Shankar Dayal Sharma Gold Medal by the Chairman, BoG

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

- | | | | |
|----|---|--------------------|-----------------------------------|
| 1. | Dr. M. K. Bhan
Secretary, Department of Biotechnology
Ministry of Science & Technology
C. G. O. Complex (Block 2,7th Floor)
Lodi Road, New Delhi – 110003 | Chairman | |
| 2. | Prof. G. Barua
Director, IIT Guwahati | Member, ex-officio | |
| 3. | Mr. K. M. Acharya
Addl. Secretary (S&HE), Govt. of India
Dept. of Secondary & Higher Education
Ministry of HRD, Technical Section – I
Shastri Bhavan, New Delhi – 110 001 | Member | Nominees of the IIT
Council |
| 4. | Prof. Vinod Kumar Singh
Department of Chemistry
Indian Institute of Technology, Kanpur
U.P.- 208 016 | Member | |
| 5. | Mr. Provash Chandra Neogy
EC – 126, Sector - I
Salt Lake, Kolkata - 700 064 | Member | |
| 6. | Mr. K. Shankar Narayanan
H – 87, Bag Mugalia Extension
Bhopal – 462 043, Madhya Pradesh | Member | |
| 7. | Mr. Alok Kumar, IAS
Commissioner & Secretary to the Govt. of Assam
Dept. of Secondary & Higher Education
Dispur, Guwahati – 781006 | Member | Nominee from Govt.
of Assam |
| 8. | Mr. P. Sharat Chandra
Principal Secretary
Government of Manipur
Department of Higher & Technical Education
Manipur Secretariat, South Block
Imphal – 795001, Manipur | Member | Nominee from North
East Region |

- | | | |
|---|------------------------|---------------------------|
| 9. Prof. A. T. Khan
Head & Professor
Dept. of Chemistry, IIT Guwahati | Member | Nominees of the
Senate |
| 10. Prof. P. K. Bora
Head & Professor
Dept. of ECE, IIT Guwahati | Member | |
| 11. Dr. B. N. Raychoudhury
Registrar, IIT Guwahati | Secretary (Ex-officio) | |

Organisation

Dr. M.K. Bhan	Chairman, Board of Governors
Prof. Gautam Barua	Director
Prof. A. Mahanta	Dean of Faculty Affairs
Prof. J.B. Baruah	Dean of Research & Development
Prof. S.C. Mishra	Dean of Academic Affairs
Prof. A. Srinivasan	Dean of Administration
Prof. S. Dandapat	Dean of Students' Affairs
Dr. B. N. Raychoudhury	Registrar

Heads of Departments

Dr. P. Goswami	Biotechnology
Prof. A.K. Ghoshal	Chemical Engineering
Prof. A.T. Khan	Chemistry
Prof. A. Dutta	Civil Engineering
Dr. G. Sajith	Computer Science and Engineering
Prof. R.M. Punekar	Design
Prof. P.K. Bora	Electronics and Communication Engineering
Dr. S. Borbora	Humanities and Social Sciences
Dr. R. Alam	Mathematics
Prof. U.S. Dixit	Mechanical Engineering
Prof. A. Khare	Physics

Heads of Academic Centres

Dr. P. Mahanta	Centre for Energy
Dr. M. Ray	Centre for the Environment
Prof. A. Chattopadhyay	Centre for Nanotechnology

Gold and Silver Medallists



President of India Gold Medal

Karthik C
Mechanical Engineering



Silver Medal

Varun Aggarwala
Computer Science and Engineering



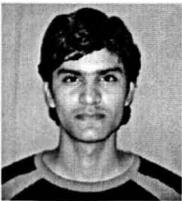
Silver Medal

Abhay Kapoor
Electronics and Communication Engineering



Silver Medal

Monojeet Sinha
Civil Engineering



Silver Medal

Gaurav Dwivedi
Biotechnology



Silver Medal

Aashish Goel
Chemical



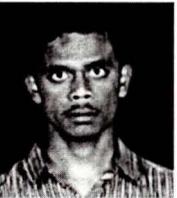
Silver Medal
Diya Gangopadhyay
Design



Silver Medal
Meenu
Physics



Silver Medal
Raja Mitra
Chemistry



Silver Medal
D Hari Prasad
Mathematics and Computing



Dr. Shankar Dayal Sharma Gold Medal
Pratik Kotkar
Electronics and Communication Engineering

List of students who have fulfilled the requirements for the award of BTech degree in Computer Science and Engineering

Roll No	Name
04010101	ABHINAV JHA
04010102	ABHISHEK GUPTA
04010104	ADITYA RAJ
04010105	ADITYA SINGH
04010107	AMIT ANAND AMLESAHWARAM
04010109	ARPIT GARG
04010110	ASHISH ANAND
04010111	BHARATH CHINTAPATLA
04010112	DIVYA DEVESH
04010113	G. KRISHNA CHAITANYA
04010114	GOVIND KOTHARI
04010115	HIMANGSHU SAIKIA
04010116	KARTEEK .J
04010118	KRISHNA KISHORE ANNAPUREDDY
04010119	KUMAR PRATYUSH
04010120	ALOK GAUTAM KUMBHARE
04010121	LALIT PANKAJ
04010122	M VENKAT RANGAN
04010123	MANISH ARYA
04010124	MANISH KUMAR
04010125	MAYANK MAHESHWARI
04010126	MUKUL KUMAR
04010128	NIKUNJ AGARWAL
04010129	P. KAUSHIK REDDY
04010130	PARAS ARORA
04010132	PRABHAT GUPTA
04010133	PRASHANT KUMAR
04010134	RAMINDER DEEP SINGH KALER
04010135	SARANG SHARMA
04010136	SAURABH KISHORE
04010137	SAURABH NANGIA
04010138	SRIHARSHA GANGAM
04010140	SUMEER GULATI
04010142	PUNDKAR SWAPNIL DINKAR
04010143	T. AVINASH
04010145	V. B. VIKRAM KUMAR

Roll No	Name
04010147	KUNAL CHOURASIA
04010148	SUBRAMANIAN SITARAMAN ASHISH
04010149	VAIBHAV MEHROTRA
04010150	VARUN AGGARWALA
02010126	RAVINDRA KUMAR

List of students who have fulfilled the requirements for the award of BTech degree in Electronics and Communication Engineering

Roll No	Name
04010202	ABHAY SINGH
04010204	ABHISHEK SHEKHAWAT
04010206	ANSHUMAN SHUKLA
04010208	ARUN KUMAR
04010209	BASIREDDY ASHISH
04010210	BHUPINDER KUMAR
04010211	D. KARTHEEK
04010212	ENOSH NIKHIL C
04010213	GURKIRAT SINGH
04010214	HARPREET SINGH DHILLON
04010215	HARSH FADNAVIS
04010216	HEMANT YADAV
04010217	HIMANSHU MADHESHIYA
04010218	JAPSIMRAN SINGH
04010219	JYOTHI BHASKARR AMARNADH V
04010220	K. ROHAN
04010221	KAILASH PATIL
04010223	LAKKARAJU ADITYA TEJASWEE
04010224	KRITIKA MURALIDHARAN
04010225	D. MRINALINI
04010226	NARENDRA KUMAR
04010227	NEERAJ KUMAR
04010228	NIKHIL GIRDHAR
04010229	PARUL CHOPRA
04010230	PRACHI SINGHAL
04010231	PRAMOD KUMAR B
04010232	RAHUL MISHRA
04010233	RAHUL SAHNI
04010234	RANJITH KUMAR REDDY ILLURU
04010235	ROMESH KHADDAR
04010236	ROMIKA SINGH
04010237	SANDEEP REDDY MUNNANGI
04010238	SUDIP CHAKRABORTY
04010239	VENU MADHAV G
04010241	VIKRAM RANA
04010242	VIVEK VANDRASI
04010243	ABUL HASAN

Roll No	Name
04010244	ABHAY KAPOOR
04010245	ABHINAV ANAND
04010246	AKASH BAID
04010247	ANKIT SINGH
04010248	HARSH AGGARWAL
04010249	KUNDAN KANDHWAY
04010250	NIHAR JHAWAR
04010251	P GANGI REDDY
04010252	PRATIK KOTKAR
04010253	RAGHU KHANNA
03010203	ABHINAV SINGH
03010234	SHYAM SINGH

List of students who have fulfilled the requirements for the award of BTech degree in Mechanical Engineering

Roll No	Name
04010301	ARUNACHALAM VIJAY ANAND
04010303	ADITYA TANEJA
04010305	ALOK VERMA
04010307	ANTRIKSH SINGH
04010308	ANUP RAJ
04010309	ASEEM BANSAL
04010310	BED PRAKASH GUPTA
04010311	BIKRAMJIT S BHATIA
04010312	BODLA KARTHIK KUMAR
04010313	BOLLAPRAGADA VARUN
04010314	CH VAMSI KRISHNA
04010315	K R S CHAITANYA
04010316	GANGAVARAPU SARVESH
04010317	GAURAV KUMAR
04010319	KAMAL KANT MAURYA
04010320	KANAD SHAURYA
04010321	KARTHIK C
04010322	KIRAN PRAKASH
04010323	KSHITIJ MAHESHWARI
04010324	KUNAL KUMAR
04010326	M. NELSON
04010327	MAYANK SINGH
04010330	NAVEEN VYAS
04010333	PALLE RAGHAVENDRA PRASAD
04010336	PRIYESH SINHA
04010337	R V SIVA NIKHIL
04010338	RAVI KUMAR ASSUDANI
04010339	RAVI SHANKAR
04010340	ROHIT KANSAY
04010341	ROHIT MITTAL
04010342	SANJEEV KUMAR
04010343	SATISH MITTAL
04010345	SHAMIT SHRIVASTAVA
04010346	SOURABH AGARWAL
04010348	SULABH KAKKAR
04010350	UMA MAHESWAR VATTIKUTI

Roll No	Name
04010352	VIJAY KUMAR VERMA
04010353	VINAY MATHUR
04010354	VIVEK BHARTI
04010355	YAMBEM VOLGA SINGH

List of students who have fulfilled the requirements for the award of BTech degree in Civil Engineering

Roll No	Name
04010401	A. SRIKANTH
04010403	ANTHONY KIRAN KUMAR POLAMARASETTY
04010404	ANURAG BHARTIA
04010406	B. SANTOSH
04010407	BHASKAR PANT
04010408	CHIGURUPATI SRI HARSHA
04010409	DADI SIREESH KUMAR
04010410	ELLA SHALPARNI
04010412	GUDDATI SATISH KUMAR
04010413	GURU CHAITANYA GANTA
04010414	H. ARJUN
04010415	KAMBHAMPATI KRISHNA TEJASVI
04010416	MADHUR GUPTA
04010417	MOHAMMAD SHIRAJ
04010418	MONOJEET SINHA
04010420	NIPUN POPLI
04010423	ROHIT SHANKAR
04010424	ROSHAN AGRAWAL
04010425	SANDEEP GHORAWAT
04010426	SAURABH KASTURIA
04010428	SUJEETH REDDY KOMMIDI
04010429	SURENDRA NADH SOMALA
04010431	YUNUS KAMAL
03010428	SAURABH GANGWAL
03010430	SUBODH JAIN
03010433	TRULY MITTAL
03010436	VINEET JAIN
03010437	YOGENDRA KUMAR JAIN

List of students who have fulfilled the requirements for the award of BTech degree in Biotechnology

Roll No	Name
04010601	ABHINAV LUTHRA
04010602	AMLENDU PRABHAKAR
04010603	ANGAD SINGH
04010604	ANKIT GUPTA
04010605	ANKUR GUPTA
04010606	ANSHUMA MANGTANI
04010607	ANUP AGARWAL
04010608	AVNISH DESHPANDE
04010609	BISHAL KUMAR SINGH
04010610	CHAITHANYA MANDA
04010611	HARI SINGHAL
04010612	I. VIKRAM KUMAR GOUD
04010614	JANARDHAN KUMAR AMBURI
04010616	RAJARSHI PRATAP SINGH PARIHAR
04010617	RAJAT ANAND
04010618	RAUNAK JAIN
04010619	SAI PHANINDRA .V
04010620	SOURABH BHANDARI
04010621	SUBIT SAURAV
04010622	SUMIT AGARWAL
04010624	GAURAV DWIVEDI
03010603	B. SANDEEP
03010618	TUSHAR SARAF

List of students who have fulfilled the requirements for the award of BTech degree in Chemical Engineering

Roll No	Name
04010701	AASHISH GOEL
04010703	ADITYA AGRAWAL
04010704	AMIT AHUJA
04010706	ANKIT AGRAWAL
04010707	ANKIT DODA
04010708	DEEPAK NANWANI
04010709	K KRISHNA CHAITANYA
04010710	NIKHIL MITTAL
04010711	P. MANISH
04010712	PEDDIREDDY KARTHIK REDDY
04010713	PRANIT JOSHI
04010714	PRIT RANJAN
04010715	RAHUL BHAVSAR
04010716	RAHUL SAXENA
04010717	RAJDEEP DEB
04010718	RAKESH KUMAR
04010719	RIPUDAMAN MANCHANDA
04010720	SATISH JAMI
04010721	SHUSHIL KUMAR
04010722	SRIDHAR GOPAL
04010724	TULSI RAM
02010705	ANKIT DUBEY
03010708	GULREJ KAKKAR
03010718	SOURABH SHRIVASTAVA
03010722	VINAY KUMAR

List of students who have fulfilled the requirements for the award of BDes degree in Design

Roll No	FirstName
04020501	ADITYA BHANDARI
04020503	ADITYA SAXENA
04020504	ANKIT NAGORI
04020505	DESHPANDE SUYOG ANIL
04020506	DIVYE BOKDIA
04020507	DIYA GANGOPADHYAY
04020508	ITYAM VASAL
04020509	JICHKAR SHRIYASH SHARAD
04020510	KSHITIZ SINGH
04020511	KUMAR MAYANK
04020512	MANUJ DHARIWAL
04020513	MUKESH CHOUDHARY
04020514	MUKUL CHANDRA SINGH BISHT
04020515	P. VAMSHI REDDY
04020516	P. VAMSI CHAITANYA
04020517	RAJINDER ARORA
04020518	SHREYAS
04020519	VIJJAPURAPU RAMA CHANDRA KISHORE
04020520	VIKAS VAISHNAVA

List of students who have fulfilled the requirements for the award of MSc degree in Physics

Roll No	Name
06212101	ABHIJIT CHAKRABORTY
06212102	ABHISHEK PAL
06212103	BAPPADITYA PAL
06212104	BHASKAR DAS
06212105	BHASKAR ROY BARDHAN
06212108	DEBMALYA DAS
06212109	HEMANT KUMAR GAUTAM
06212111	KAUSTUV MANNA
06212112	MADUSUDANA REDDY V
06212113	MANABENDRA SHARMA
06212114	MEENU
06212116	PARAMITA DAS GUPTA
06212117	ROTHUAMA TOCHHAWNG
06212118	RUPAM MUKHERJEE
06212119	SANANDA BISWAS
06212121	SUDIPTA GUPTA
06212122	SUMANTA BHANDARY
06212123	SUMANTA CHATTOPADHYAY
06212124	SUPRIYA ROY
06212126	UDAY BHANU PARAMANIK
06212127	ULMAN KANCHAN AJIT
05212102	ANUPAMA SAINI
05212118	SAKINALA PRABHAKAR

List of students who have fulfilled the requirements for the award of MSc degree in Chemistry

Roll No	Name
06212201	ABHIMANYU BHATTACHARYA
06212202	ATANU DEY
06212203	BIKASH KALI DEY
06212204	BISWAJIT MISHRA
06212205	CHANCHAL HALDAR
06212206	CHIPPA VIJAY KUMAR
06212207	GOUTAM PRASANNA KAR
06212208	JHUMUR SETH
06212209	JOYDEB DAS
06212211	NIKHIL KUMAR MONDAL
06212212	NIPA CHONGDAR
06212213	PALLAB MONDAL
06212214	PRADIP KUMAR DUTTA
06212215	PRIYATOSH MANDAL
06212216	RAJA MITRA
06212217	SANTU SARKAR
06212218	SARAT CHANDRA DE
06212219	SOUMYA SARKAR
06212220	SUBHOJIT MAJUMDAR
06212221	SUBRAHMANYAM GUPTA G
06212222	SUMAN KUMAR BARMAN
06212223	SUMIT KUMAR
06212224	SUMIT KUMAR RAY
06212228	TATHAGATA MUKHERJEE

List of students who have fulfilled the requirements for the award of MSc degree in Mathematics and Computing

Roll No	Name
06212301	AMBATI NARENDAR REDDY
06212302	ANJAN SASMAL
06212303	ANJANEYULU KARINGU
06212304	ANUP KUMAR THANDER
06212305	ARAVINDKUMAR MARKA
06212306	BHASKARARAO BODDU
06212307	D HARI PRASAD
06212308	DEEKSHA CHUGH
06212309	D.N.S.V.L. RAJESH REDDY
06212310	G MURALI MOHAN REDDY
06212311	GADE VEERANNA
06212312	GEETIKA DUTTA
06212313	GORE KUSHAL RAMESH
06212314	INDIMANDALA RAMESH
06212315	JYOTHSNA INKOLLU
06212316	LOKHANDE SWAPNIL ASHOK
06212317	MANDARAPU B B SIVAKUMAR
06212318	MEHTA APURVA RAJENDRA
06212319	PEYAKUNTA PRANAVI
06212322	UDAY PRATAP SINGH
05212303	BUDDHADEO MAHATO
05212306	DENNIS G. MOMIN
05212307	GYAN BAHADUR SONAR
05212308	MANISH KUMAR PATHAK
05212312	PANKAJ NATH
05212321	VENU GOPALU GADDAM

Lst of students who have fulfilled the requirements for the award of the M.Tech. degree in Computer Science and Engineering

Name	Roll No	Project Title
Ferdous Ahmed Borbhuiya	04410108	Design and Implementation of the IITG Enterprise Software System using a Service Oriented Architecture
Kiran Kumar Gunda	05410101	Seamless QoS Aware Handoff between IEEE 802.11 and IEEE 802.16 networks
Thati Vikranth	05410102	Specification and Verification of Disturbed Web Services Transaction Protocol
Rahul Jain	05410103	Building Grid on Mobile Network
Giriraj Chauhan	05410104	Signal Stability based QoS Routing(SSQR)
Venkateswara Kumar Mayla	05410105	Generalized Branch and Bound Algorithm for Feature Selection
N. Satyanarayana	05410106	Network Management in the IITG Rural Wireless Mesh Network
Sudheer .T	05410108	Association Rule Mining with Non-uniform Support
T. Kiran Kumar	05410111	Multi String Search in EMBSM Model
Sowjanya Chakravarthi Kakumani	05410112	Hybrid Scheme for Word Recognition
K. Sudheer Kumar	05410113	Connection Migrations in Multi-Interface Handhelds
K. Vinay Kumar	05410116	Node Scheduling in Wireless Sensor Networks
M. Durga Prasadarao	05410117	Generator Computation, Safe Primes and Application to Elliptic Curves
Kothavale Sujit Tukaram	05410118	Computing Minimum Spanning Ellipse
Rajesh Singarapu	05410119	Medium Access Protocol for Query Based Wireless Sensor Networks
Pravakar Garnayak	05410121	An Efficient Service Discovery for MANET
S.V. Varun	05410122	Tree Three Spanners for Interval and Bipartite Graph
K.V.S.S. Sireesha	05410123	Triangle Match Heuristic for Directed Graph Similarity Problem
K. Vinay Kumar	05410124	Formal Verification of Ad-hoc Network Protocols
Srinivas Yadam	05410125	Clustering using Maxcut
K. Narendra	05410127	Structure Recognition in Molecules
Kamakhya Prasad Gupta	05410128	On Line Devanagari Character Recognition
V. Raghu Kumar	05410129	External Memory Algorithms for the Convex Layer Problem
Pathare Swapnil Shekhar	05410130	A Secure System for Ad-hoc Networking using ECC
Hari Prasad Perabattula	05410131	An Agent based Intelligent Information Retrieval System
Ranjan Mandal	05410132	Modelling and Verification of Clock Synchronization in FlexRay
Gandamalla Bharath Kumar	05410133	Eliminating Free Riding and Implementation Fairness in P2P System
Suneel Anchipaka	05410134	Enabling Net Access for Mobile Devices

B. Ravi Kumar	05410135	A Framework for QoS Adaptive Grid Meta Scheduling with Advance Reservations
Paidikalva Eswaraiah	05410136	E-mail Services for the Visually Challenged
Ujwala Baruah	05410139	A Consistent Global Check Point and Recovery Protocol in Cluster-Based Distributed Systems
Naveen Kumar Tulabandula	06410119	K-means Bootstrap Technic for Nearest Neighbour Classifier and SVM Design
Sandeep Kumar Samudrala	06410125	Performance Enhancement of Peer to Peer Systems
Sunil Mellimi	06410132	Voronoi Diagram Based Fast-MAC-Handoffs in 802.11 Using Dual Radios

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Computer Science and Engineering with Specialization in Information Security

Name	Roll No	Project Title
Reddy Prasad P L	06410123	User Authentication Mechanisms for Hand Held Devices Using Pen Based Inputs
Narasimha Reddy Anumula	06410118	Proxy Signature Schemes
Vijay Choudhary	06410135	Mobile Agent Security on Untrusted Platform

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Electronics and Communication Engineering with Specialization in Signal Processing

Name	Roll No	Project Title
Pallabi Adhya	03410218	A General Purpose 3-DOF Robotic Arm for Robotics Lab
Ashwani Gupta	04410205	Person Identification using Behavioural Gestures
C. Balaji	04410206	An Efficient Channel Estimation Technique for OFDM based WLAN Systems
Sundar Daniel Victor Peethala	05410201	Analysis of MIMO Interference Systems with different Signaling Strategies
E. Janaki Ramulu	05410202	Comparison of MIMO Channel Characteristics Computed by 3D Ray Tracing and Stochastic Models
Prashanth Reddy Gade	05410205	Branch Target Address Instructions Prefetching
S. Rajendra Prasad	05410206	Implementation of Turbo Decoder using Log-MAP Algorithm on TigerSHARC (ADSP-TS201) DSP Processor
Kanchumarti A.R.S. Manyam	05410207	Investigation of Integer Cycle Modulations Schemes
Vamsee Kalyan Bandlamudi	05410208	Video based Tracking with Multiple Cameras
Phani Kumar Allada	05410209	Brain Computer Interface Based on EEG
Hima Sagar Kurra	05410211	Multi-State Integer-Cycle FSK Modulation Scheme its Receiver Structure and Performance Evaluation
B. Vikas	05410212	Effect of Floating Gate Interferences on Threshold Voltage Distribution in High Density Flash Memory Cells
Dasari Shashanka	05410213	Collusion Secure Video Fingerprinting using the Modified BIBD
Mukkavilli Ravikiran	05410214	Modified Homomorphic Adaptive Wavelet Based Despeckling of Ultrasound Images
G. Murali Kasyap	05410215	Time Frequency Analysis for Speech Recognition under Limited Data Conditions
Nadendla Venkateswarlu	05410216	Tracking based Analysis of Cardiac Images
A. Venkata Narasimha Dhan	05410217	Signal Processing for Accoustics Doppler Current Profiler
Guduru Bhanu Chandra	05410219	Development of New Adaptive Algorithms with Fast Convergence Characteristics
Naveen Cherukuri	05410221	Improved Methods for online secondary path modeling of Active Noise Control Systems
K. Issaac	05410222	Super-resolution of Color Images
Gopavaram Sivaiah	05410223	Motion Estimation of Objects in Three Dimension
V. Siva Prasad Rao	05410224	Gesture Based Telerobotic System
Ajay Dhingra	05410229	Performance Analysis of Cooperative Diversity Systems on Rayleigh Fading Channel

Anil Kumar Vutukuru	05410234	Implementation of DVB-T basedband Receiver on Texas instruments TMS320C6410 DSP
Satyam Lama	05410236	Review of Modeling and Optmization of Interdigital Transducer Structure for SAW bandpass fitters
K. Krishna Chaitanya	05410238	Design of a Novel Data Encoding Circuit and Hardware Implementation of Asynchronous FIFO
Anka Rao Putla	06410203	Sub-Wavelength Resonators in Microwave Filter
Kartik Podugu	06410216	Multimodal Biometric Person Authentication using Face, Speech and Signature Features
M. Vamsi Krishna	06410223	Study of Broadband, Multiband & Ultra Wideband (UWB) Patch
Ramu Pillalamarri	06410230	Neural Networks for RF and Microwave Device
Sanjeev Kumar Gupta	06410242	Detection of Microcalcification in Full Field Digital Mammogram Using Wavelets
Gupteswar Sahu	06410244	Constrained Linear Prediction Model for Frequency Estimation
Janmejaya Rout	06410246	Wavelet Based Speaker Recognition Under Stressed Condition

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Mechanical Engineering with Specialization in Machine Design

Name	Roll No	Project Title
G. Balaji	04410310	Bulk Reaction Modeling of Lined Duct with air gap using FEM
Yerra Radha Krishna	04410348	Determination of Mixed-Mode Stress Intensity factors of Planer Domains Containing Straight and Curved Cracks in planer domain using adaptive finite element analysis
N. Mahendra	05410301	Study of Parametric Instability regions of soft and magnetorheological elastomer core sandwich beams
Benarjee Tumma	05410302	Fatigue and Wear Analysis of Artificial hip joint by using FEM
Neeraj Carpenter	05410305	Finite Element Analysis and Shape Optimization of Two-Link Planer Flexible Robot Manipulator
S. Swamy	05410307	Experimental Determination of Stress Intensity Factors of Finite Plates using Stain gage technique
Shounak Basak	05410309	Optimization of Turning Processes
Pasumarthy V.V.N. Prasad	05410310	Optimum Design of Cylindrical Roller Bearings with Logarithmic Profile
Walsange Ganesh Dagadu	05410311	Computer Aided Design and Analysis of Asymmetric Gears
P. Naveen Kumar	05410312	Performance of Recovery by Equilibrium (REP) on Meshes of Quadratic Triangular Elements
Tammireddy Ramakrishna	05410313	Finite Element Modeling of Smart FRP Structures for Active Vibration Control
Sreenivasa Raju Chekuri	05410314	Estimation of Bearing Dynamic Parameters in Flexible rotor bearing systems
N. L. Sairam Babu .K	05410316	Unstructured Mesh Generation over Arbitrary 2D Domain by Hybrid Advancing Front Technique
K. Chaitanya Mummareddy	05410317	An Experimental Investigation of Edge Quality in Sheet Metal Shaping Process
S. Varun	05410319	Force Measurement in Active Magnetic Bearings
Sivaprasad Koralla	05410320	Optimization of Pipe Routing through Arbitrary Domain
Srinivas Yannabathula	05410335	Flow Induced Vibration in a penstock of hydro electric power plant
Kapil Gupta	05410336	Active Vibration Control of Smart FRP Structures using FEM and LQG Control
Moode Ramamurthy Naik	05410339	Neural Network Modeling of Surface Roughness and Cutting Forces in an End-milling process
Ajoy Krishna Dutta	05410345	Drill Wear Prediction using Acoustic Emission
Prafulla Kumar Swain	05410346	Comparison between various displacement based stress intensity factor computation technique

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Mechanical Engineering with Specialization in Fluid and Thermal Engineering

Name	Roll No	Project Title
V. Natraj	04410345	Aerodynamics Performance of Axial Flow Fans with NACA and Joukowski Blade Profiles
C. Naveen Kumar	05410304	Mathematical Modeling and Stability Analysis of Supercritical Water Cooled Reactor
Parashar Ketan Sharad	05410321	Large-eddy Simulation of heated and unheated co-axial jets
Devangre Rahul B	05410324	Numerical Study of Conjugate Mixed convection heat transfer in laminar wall jet and offset jet flows
Gopa Kishor Gummadi	05410325	Numerical simulations and design optimization of natural circulation boiling water reactor
Bhaskar Agrawal	05410326	Development of a 2D Implicit Compressible Flow Solver for Inviscid and Viscous Flows on unstructured Meshes
Kakularam Shailender Reddy	05410327	Development of a 2D Cell centred Finite Volume Flow Solver on Unstructured methods for all speeds
Harish Alugoju	05410329	Numerical Studies on Coupled Heat and Mass Transfer in Metal Hydride beds
Manvendra M. Umekar	05410331	Parametric study of metal hydride based hydrogen stoke device
Chopade Ramchandra Prabhakar	05410332	A long Run Experimental Study of Performance and Exhaust Emission of CI Engine Fuelled with Blends of Jatropa Oil and Diesel
Ohal Pravin Shridhar	05410338	Numerical studies of flow and heat transfer characteristic in a square cavity filled with nano fluid
Arun Difoe	05410340	Preliminary Design of a Direct Methanol Fuel Cell System and Characterization Studies of Its Hybrid Nafion Membrane
Lonavath Dayanand	05410341	Computation of Three-Dimensional Turbulent Convective Heat Transfer in Heat Exchanger with Circular Pin Fins
Uppugandla Madhavakrishna	05410343	Numerical Investigation of Coupled Heat and Mass Transfer in Metal Hydride based Hydrogen Storage Device
Pavitra Singh	05410344	Design Development and Performance Evaluation of Cyclone Type Bio-diesel Production System
Pandaba Patro	06410336	Effect of Thermal Conductivity Fin Spacing Cross-Section on Performance of a Pin Fin Compact Heat Exchanger
Sepena Venkata Ramana	06410345	Effect of Variable Convective Boundary Condition in the Performance of Metal Hydride Based Hydrogen Storage Reactor
Tirupathi Amgothu	06410351	Computational Investigation of Effect of Velocity Ratio on a turbulent Coflowing Round Jet

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Civil Engineering with Specialization in Structural Engineering

Name	Roll No	Project Title
B. Bharath Bhushan Reddy	05410403	Structural Health Monitoring using non parametric methods
C. Saran	05410404	Studies on Seismic retrofitting of R.C. Building using FRP
Prejith Pottatheere	05410405	Studies on Seismic Vulnerability Assessment of Skew Bridges using Fragility Curve
Gangireddy Amrutha Lakshmi	05410406	Retrofitting of beam column joints under dynamic loading
Ananda Rampal Darla	05410411	Wind Effects on Lattice Steel Tower
V. Dinesh Kumar	05410412	Tuned Liquid Column Dampers for Vibrational Control of Structures using Neural Networks
Abinash Behera	05410413	Sloshing Behaviour of Cylindrical Baffled Liquid Storage Tanks
Yogesh Wadhwa	05410414	Seismic Analysis of Bridges: A Case Study on Saraighat Bridge

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Civil Engineering with Specialization in Water Resources : Utilisation and Environmental Management

Name	Roll No	Project Title
Jonali Saikia	03410412	Role of various aniline formaldehyde condensate coated materials for removal of lead in aqueous environment
Sinjan Dhar	05410427	Effects of common ions and operational parameters on chemical reduction and batch biodegradation of an Azo Dye in Aqueous Environment
Basudev Biswal	05410429	Developing an Integrated Hydrological Model for Medium Sized Ungauged Basins
Padmanjali Vanka	05410431	Impact of Pre-Sedimentation on Optimum Coagulant Dosages
Sudipta Kumar Mishra	05410432	Physically based Hydrological modelling for extreme floods in tropical watersheds
Mriganka Deka	05410437	2-D Model for simulating unsteady flow in braided river
Subhankar Bandyopadhyay	05410438	An AERMOD air quality model to evaluate impacts of Guwahati Refinery Emissions

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Civil Engineering with Specialization in Geotechnical Engineering

Name	Roll No	Project Title
Kolla Venkatanarayana	05410416	Safety Assessment of River Dykes under special hydrological, meteorological and geological conditions
C. Ramanjaneyulu	05410419	Studies on Swell-Shrink Behaviour of Clays
Kistanna G	05410421	An Experimental investigation of a blended lateritic soil
Jyotsna Pegu	05410422	Experimental Investigation on Evaluation of Plasticity of Fine-Grained Active Soils
G. Chandra Prakash	05410423	Seismic Response of Pile Foundations in Clay
Ningombam Thoiba Singh	05410424	Analysis of Piled Raft Foundations in Clayey Soils

List of students who have fulfilled the requirements for the award of the M.Tech. degree in Chemical Engineering with Specialization in Petroleum Refinery Engineering

Name	Roll No	Project Title
K. Senthil Kumar	05410706	Flow of Concentrated Suspension Past a Cylinder
Unmesh Menon	05410707	Development and Analysis of Pressure Swing Adsorption in Aspen® Engineering Suite
Srinivasulu Kaalva	05410709	Preparation and Characterization of Hybrid Nafion Membrane for Direct Methanol Fuel Cell (DMFCs)
Meda Vijay Kumar	05410712	Adsorption of Cationic Surfactant at air-water interface in presence of monovalent and divalent counterions: Experimental and Theoretical Studies
Hirak K Solanki	05410713	Electrochemical Remediation of Iron and Toxic Crystal Violet
Savalam Ravi Kumar	05410714	Development of an expert System for Hydrogen Recovery Process Selection and Design
Hanuman Naik Sugali	05410716	Sun-simulated Photocatalytic degradation of phenol from wastewater using TiO ₂
Mahesh Kumar Gagrai	05410717	Bioremediation of Refinery Waste Water
Yeragani Praveen	05410718	An Experimental Investigation for Production of Sodium Hydrogen Carbonate from Sodium Sulfate
Anupam Verma	05410719	Synthesis and Characterization of anionic surfactant
I. Venkataramesh	05410720	Measurement Techniques for Mixed Gas Adsorption
Aie Cheng King Chowlu	06410703	Pyrolysis Kinetics of Mixtures of Waste Plastics
Kolavali Reddy Suresh	06410709	Phase Equilibria of Organic-Inorganic Acid Systems: Experimental and Theoretical Studies

List of the students who have fulfilled the requirements for the award of the PhD degree

Name	Thesis Title
Biotechnology	
Ravi Kiran Purama	Production, Purification, Identification and Characterization of Dextranucrase from <i>Leuconostoc Mesenteroides</i> NRRL B-640
Avishek Majumder	Optimization of Production and Characterization of Glucanucrase and Glucan from <i>Leuconostoc Dextranicum</i> NRRL B-1146
Chemical	
Biswanath Saha	Studies on Pyrolysis Kinetics of Commodity Plastics
Chemistry	
Panchanan Puzari	Formulation of a Quantum-Classical method and its application to some single and multidimensional problems of molecular dynamics
Veerababu Rao Kavala	Organic Reaction in Aqueous Medium and Development of New Ditribromide Reagent
Nilotpal Barooah	Supramolecular Aspects of a Few Phthalimide Derivatives
Gitanjali Majumdar	Multifunctional Nanomaterials on Various Surfaces
Sahid Hussain	Newer Catalytic Methodologies for C-N,C-S Bonds Formation and Oxidation of Sulfides, Bromide and Alcohols with H ₂ O ₂
Bachu Rama Raju	Some Aspects of the Chemistry of Sulfur and Halogenated
Computer Science and Engineering	
Somanath Tripathy	Cryptographic Algorithms for Resource Constrained Devices

Civil Engineering

- Atanu Kumar Dutta Updating of Finite Element Model of Cable-stayed Bridges for Improved Dynamic Characterization and Active Seismic Response Control Implementation
- K. Nallasivam Response of Horizontally Curved Thin-Walled Box-Girder Bridge to Vehicular Loads
- Girija T.R. Water Quality Modeling in an Untreated Effluent Dominated Urban River
- Mimi Das Saikia Simulation of Dam Break Hydraulic in Natural Flood Plain Topography

Design

- Utpal Barua A Study on Design Elements in Craft Practices With Special Reference to Textile and Basketry of Northeast India
- Amarendra Kumar Das Design Development of an Indigenous Tricycle Rickshaw

Electronics and Communication Engineering

- Prabin Kumar Padhy Limit Cycle Approach for Identification and Control of Processes
- Manas Kamal Bhuyan Vision Based Dynamic Hand Gesture Recognition for Human Computer Interaction
- Vinod P. Motion-Coherent Video Watermarking

Mathematics

- Tarakanta Nayak Dynamics of Certain Transcendental Entire and Meromorphic Functions
- Milan Nath Certain Aspects of Spectra of Unicyclic Graphs

Mechanical Engineering

Manabendra Pathak	Computational Investigation of Turbulent Rectangular Jets in a Narrow Channel Cross-Flow
Sudhansu Sekhar Panda	Multisensor Based Drill Wear Monitoring Using Artificial Neural Network
Karthikeyan .M	Detection, Localization and Sizing of a Structural Flaw in a Beam Based on Vibration Measurements
R. Muthukumar	Transient Response of a Participating Medium Subjected to Short-Pulse Radiation Sources
M. Sivasankar	Failure Analysis of Hip Prosthesis

Physics

Santanu Sinha	Percolation under Crossed Bias Fields: Criticality and Scaling
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