



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 |

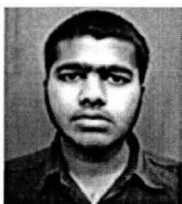
Heads of Departments

| | |
|---------------------|---|
| 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. Puneekar | 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



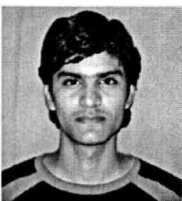
Silver Medal

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 | JICKAR 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 EMBSP 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 Prasadaraao | 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 |

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| 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 |
| Pasumarthi 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. Muthukumaran | 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 |
|---------------|--|