तेरहवाँ दीक्षांत समारोह

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

27 मई 2011

Thirteenth Convocation

Indian Institute of Technology Guwahati

27 May 2011

Indian Institute of Technology Guwahati   Thirteenth Convocation

Friday, 27 May 2011

Programme

Entry of the Academic Procession into the Convocation Hall

Invocation

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

Report by the Director

Welcoming of the Chief Guest and the speech by the Chairman, BoG

Convocation Address by the Chief Guest

Award of PhD, MTech, MDes, MSc, MA, BTech and BDes Degree Certificates by the Chairman, Senate

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

Presentation of Institute Medals by the Chief Guest

Presentation of President of India Gold Medal by the Chief Guest

Pledge by the Graduating Students

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. R. P. Singh A-1, PWO Housing Society Hriday Deep, Sector – 43 Gurgaon, Haryana – 122 002	Chairman	
2.	Prof. G. Barua Director, IIT Guwahati	Member [Ex-officio]	
3..	Mr. Provash Chandra Neogy EC – 126, Sector - I Salt Lake, Kolkata - 700 064	Member	
4.	Mr. K. Shankar Narayanan H – 87, Bag Mugalia Extension, Bhopal – 462 043, Madhya Pradesh	Member	
5..	Prof. Vinod Kumar Singh Director, Indian Institute of Science Education and Research (IISER) Bhopal Transit Campus: ITI (Gas Rahat) Building, Govindpura, Bhopal 462 023, Madhya Pradesh	Member	Nominees of the IIT Council
6.	Shri N. K. Sinha Joint Secretary Bureau of Distance Learning & Scholarships Ministry of Human Resource Development Department of Higher Education Shastri Bhavan, New Delhi 110 115	Member	

7.	Mr. H. M. Cairae I.A.S. , Additional Chief Secretary to the Government of Assam Department of Education, Assam Secretariat Dispur, Guwahati – 781 006	Member	Nominee of the Govt. of Assam
8.	Mr. P.D. Sawyan Architect / Industrialist Hotel Centrepoint Police Bazar, Shillong -793 003		Nominee of the Govt. of Meghalaya
9.	Prof. A. Khare, (up to 31.12.2010) Professor Dept. of Physics, IIT Guwahati	Member	Nominees of the Senate
10.	Prof. S. Dandapat (from 01.01.2011) Dean, Administration, and Professor, Dept. of Electronics and Electrical Engineering, IIT Guwahati	Member	
11.	Prof. B.K. Patel Professor, Dept. of Chemistry, IIT Guwahati	Member	
12.	Dr. B. N. Raychoudhury Registrar, IIT Guwahati	Secretary (Ex-officio)	

Organisation

Dr. R.P. Singh	Chairman, Board of Governors
Prof. Gautam Barua	Director
Prof. P.K.Bora	Dean, Faculty Affairs
Prof. P.S. Robi	Dean, Research & Development
Prof. S. Nandi	Dean, Academic Affairs
Prof. A.K.Sarma	Dean, Students' Affairs
Prof. A. Dutta	Dean, Institute Works
Prof. S. Dandapat	Dean, Administration
Dr. B. N. Raychoudhury	Registrar

Heads of Departments

Prof. Arun Goyal	Biotechnology
Dr. P.Saha	Chemical Engineering
Prof. Arun Chattopadhyay	Chemistry
Prof. S.K.Deb	Civil Engineering
Dr. Purandar Bhaduri	Computer Science and Engineering
Prof. A.K.Das	Design
Prof. S. Majhi	Electronics and Electrical Engineering
Prof. A. Barua	Humanities and Social Sciences
Prof. R. K. Sinha	Mathematics
Prof. Debabrata Chakraborty	Mechanical Engineering
Prof. S .Ravi	Physics

Heads of Academic Centres

Prof. P. Mahanta	Centre for Energy
Prof. C. Mahanta	Centre for the Environment
Dr. S. S. Ghosh	Centre for Nanotechnology

President of India Gold Medal
Aniketh Talwai
BTech (Electronics and Communication
Engineering)

Silver Medal
Gurmeet Singh
BTech (Computer Science and Engineering)

Silver Medal
Ganguly Shameek Prodosh
BTech (Mechanical Engineering)

Silver Medal
Mittal Prateek Rajesh
BTech (Civil Engineering)

Silver Medal
Bhaskara Ganesh Chennuri
BTech (Biotechnology)

Silver Medal
Disha Gupta
BTech (Chemical Engineering)

Silver Medal
Geetansh Kakkar
BTech (Engineering Physics)

Silver Medal
Akshay Gundu Rao
BTech (Chemical Science and Technology)

Silver Medal
N. J. Ajay
BTech (Mathematics and Computing)

Silver Medal
Shamik Ray
BDes (Design)

Silver Medal
Soumen Koner
MSc (Physics)

Silver Medal
Supratim Chakraborty
MSc (Chemistry)

Silver Medal
Urmi Nayak
MSc (Mathematics and Computing)

Silver Medal
Pronoy Rai
MA (Development Studies)

Dr. Shankar Dayal Sharma Gold Medal
Prashant Kumar
BTech (Chemical Engineering)

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

Roll No	Name
07010101	Aatish Rathi
07010102	Agrawal Sagar Nandkishore
07010103	Ajay Choudhary
07010104	Ajeet Kumar Tiwari
07010105	Amlan Pradhan
07010106	Ankit Bhatnagar
07010107	Bharat Lodha
07010108	Bhaskar Brahma
07010109	Bhaskar Pratim Sarma
07010110	Chandan Kumar Jha
07010111	Deepanshu Gupta
07010112	Devadeep Shyam
07010114	Garima
07010115	Jackey Mohan Boro
07010116	Jalapally Karthik
07010118	K Navin Kumar
07010119	Kasturi Ravindra
07010120	Komal Jalan
07010122	Kondeti S. Phani Prakash
07010123	Kuppannagari Sanmukh Rao
07010124	M Durgaprasad
07010125	Maddula Aditya Nihar
07010126	Manav Verma
07010127	Mane Vishnu Rajendra
07010128	Manpreet Singh
07010129	Nitin Dua
07010130	Om Prasad Patri
07010131	Ponugoti Gowtham Kumar
07010132	Pranav Kumar
07010133	Rahul Chaki
07010134	Rajan Singh
07010136	Rajendra Vellisetti
07010138	Rakesh Yarlagadda
07010139	Ravi Ranjan
07010140	Rohan Khot
07010141	Rohan Kohli
07010142	Sadhwi S

07010143	Sai Sheshank Burra
07010144	Shekhar Chandra
07010146	Sumit Kumar Tomer
07010147	Tuniki Vishal Kumar
07010148	Utkarsh Deep Srivastava
07010149	Surbhi Maheshwari
07010150	Gurmeet Singh
07010151	Shailendra Agarwal
07010152	Deepak Kumar
07010153	Vidur Taneja
07010154	Jatin Matani
06010115	Deepesh Kumar Matholia
06010121	Gourav Roy
06010127	Jitendra Kumar Kharadi
06010137	Pranay Karnany
04010139	Suhas Aggarwal

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

Roll No	Name
07010202	Abhijit Mukhopadhyay
07010203	Abhishek Narayan Sinha
07010204	Akash Gupta
07010205	Aniketh Talwai
07010206	Anshul Gupta
07010207	Ashwani Kadian
07010208	Avijit Gahtori
07010209	Avinash Kumar
07010210	Bendapudi Satya Sasikanth
07010211	Chaitanya Narra
07010212	D Srikanth
07010213	Darsha Sharath Chandra
07010214	Debabrata Sengupta
07010215	Deepak Garg
07010216	Devendra Kumar Rathore
07010217	Eddu Sundeep
07010218	Gaurav Mehta
07010219	K Bharadwaj Sharma
07010221	Kuldeep Karwa
07010222	Lalji Chandra
07010223	Lokmanya Alok
07010224	Malyala P V Bhaskara Rao
07010226	Manisha Srivastava
07010227	Manoj Kumar Kaushik
07010228	Marturi Krishna Chaitanya
07010229	Mayank Goyal
07010230	Naresh Palaiya
07010231	Nishanth Kadiyala
07010232	Palash Ranjan
07010233	Paritosh Singh
07010234	Piyush Jain
07010235	Prabesh Kumar Mili
07010237	Raj Dixit
07010238	Ranjeet Kumar
07010239	Rohit Kumar Garg
07010240	Sandeep Poonia
07010241	Satya Prateek Bommaraju

07010242	Sonteni Naveenkumar
07010243	Sudheerkumar Kurakula
07010244	Suman Pateer
07010245	Suraj Sheth
07010246	Vipul Garg
07010247	Vishal Sharma
07010249	Vivek Sharma
07010250	Akash Dwivedi
07010251	Ankit Shrivastava
07010252	Harsh Kumar
07010253	Sahil Goyal
07010254	Debanga Raj Neog
06010210	Chandan
06010211	D Vikas
06010215	Hareesh Reddy Shamirpeta
06010216	Harpreet Singh
06010221	Madavi Nagaraju
06010226	Naveesh Nayar
06010232	Rakesh Krishna Velama
06010235	Ravi Charan Manne
06010246	Vanlalhriata
05010242	Trapti Patil

List of students who have fulfilled the requirements for the award of B.Tech. degree in Mechanical Engineering

Roll No	Name
07010302	Aditya G V
07010304	Alok Jain
07010305	Alok Kumar Jha
07010307	Arijit Biswas
07010308	Ashish Kumar
07010309	Bhushan Maskay
07010310	C Anand Vijay Kartha
07010311	Chatterjee Abhranil Malay
07010312	Chheda Dhiral Laxmichand
07010313	Deopuje Shankar Kishanrao
07010314	Dhage Laxmikant Anilrao
07010315	Ganguly Shameek Prodosh
07010318	Himanshu Ailawadhi
07010319	Hitesh Parwani
07010320	Ishita Jha
07010323	Karra Varun Reddy
07010324	Kunuthur Ajay Karthik
07010327	Nidamanuri Phanidhar
07010328	Nithin Reddy G
07010329	P Ranjith
07010330	Pankaj Kumar Sahu
07010331	Pargi Bharadhwaj
07010332	Piyush Bagdi
07010334	Prateek Kumar
07010335	Priyank J Bharadwaj
07010338	Rakesh Bhunatar
07010339	Sachidanand Sahoo
07010340	Sahare Kushal Arvind
07010341	Sampathrushi Kodi
07010342	Sanchit
07010343	Saroj Mandal
07010344	Shakun Bansal
07010345	Sharma Ashish Sitaram
07010347	Sushant Kumar Dev
07010349	Vattipally Sriram
07010350	Vikram Singh Rawat
07010351	Vishal Singh

07010352	Voruganti Achyuth Reddy
07010353	Yegireddi Prasada Rao
07010354	Aakash Golia
07010355	Adeel Ahmad
07010356	Venkateshwar Rao Maddila
07010357	Rajiv Sharma
07010358	Dushyant Sharma
07010359	Tejas Mehrotra
07010360	Akshay Pasricha
06010323	M Usha Kiran
06010325	Mushyam Aditya
06010326	Naresh Nallamala
06010340	Sansiddha Pani
06010353	Udit Varshney
06010355	Yash Dalmia

List of students who have fulfilled the requirements for the award of B.Tech. degree in Civil Engineering

Roll No	Name
07010401	A S K Chaitanya
07010404	Akash Garg
07010406	Alok Mani Singh
07010407	Amandeep Aggarwal
07010408	Amandeep Singh
07010411	Aveedibya Dey
07010412	Bhaskara Tejaswi E
07010413	Brij Bhushan Meena
07010414	Dinesh Kumar Meena
07010416	Doel Behl
07010418	Gagandeep Singh
07010422	Kakula Siva Krishna
07010423	Kapinjal Kishore Sharma
07010424	Manikonda Othniel
07010425	Mittal Prateek Rajesh
07010426	Moka Sunil Raj
07010427	Nalla Manoj K Choudary
07010428	Nalla Nakul Reddy
07010429	Narahari Payala
07010430	Neeraj Kumar Thakur
07010431	Nitin Kumar Singh
07010433	Parag Raipuria
07010434	Pranjal Saraswat
07010435	Prateek Ropia
07010437	R Sudarshan Brahma
07010439	Rahul Kumar Verma
07010440	Rajroop Bhattacharya
07010441	Satish Kumar Singh
07010442	Shah Mohit Shailesh
07010443	Shashank Gheek
07010444	Shiv Prakash
07010445	Suyog Singh
07010446	Tarun Mohan Sagar
07010449	Vishwanath Bajpai
06010402	Ajay Kumar Jorwal
06010406	Ambuj Kumar Sriwastava
06010448	Sripuram Srikanth Reddy

List of students who have fulfilled the requirements for the award of B.Tech. degree in Biotechnology

Roll No	Name
07010601	Abhishek Goyal
07010602	Amer Ahmed
07010603	Ankur Tyagi
07010604	Anurag Mohta
07010605	Ashay Agrawal
07010606	Atul Kumar
07010607	Bhaskara Ganesh Chennuri
07010609	Debraj Das
07010611	Hifzur Rehman
07010612	Ishan Gupta
07010614	Kamsali Adithyachari
07010615	Kumar Saurabh
07010616	Mehta Tejas Pankaj
07010617	Mohit Goel
07010618	Mudit Gupta
07010620	Neeraj Suthar
07010621	Potukuchi Abhishek
07010622	Pradeep Syal
07010625	Roshan Mandrawalia
07010627	Sandeep Kasani
07010628	Smiti Saswati Sahoo
07010629	Srishti Bhutani
07010630	Thetakali Venkata Ramesh
07010631	Uttej Talakola
07010632	V Abhinav
06010606	Anurag Khare

List of students who have fulfilled the requirements for the award of B.Tech. degree in Chemical Engineering

Roll No	Name
07010701	Abhijit Langthasa
07010702	Abhishek Panigrahi
07010703	Akash Anand
07010704	Akshat Jain
07010705	Anurag Soni
07010706	Ch S N Mahesh Babu
07010708	Dinesh Kr Lahoti
07010709	Disha Gupta
07010710	G. Gopal
07010711	Gaurav Kumar
07010713	Harish Mangalampalli
07010714	Himanshu Goyal
07010719	Manosij Basu
07010721	Neeraj Kumar Verma
07010722	Nilesh Agarwal
07010724	Nirmal Agrawal
07010725	Peeush Kumar
07010726	Prashant Kumar
07010727	Rahil Vijay
07010729	Ritesh Prakash
07010730	Shashikant Sagar
07010731	Shubham Gupta
07010732	Singh Naik Jatavath
07010733	Sonam Gupta
07010734	Sudeep Yadav
07010735	Suraj Mudaliar
07010736	Tarun Kumar Kankhedia
07010737	Ved Prakash
07010738	Venkata Mahanth Sanka
07010739	Vineet Mohan
07010741	Vukyam Saikiran
06010718	Mandeep Singh
06010728	Pranay Pingle

List of students who have fulfilled the requirements for the award of B.Tech. degree in Engineering Physics

Roll No	Name
07012101	A Venkata Satya Yasaswy
07012102	Abhinav Rastogi
07012103	Adarsh Shankar Prasad
07012104	Amit Chaudhary
07012105	Arjun Agarwal
07012106	Balakrishna Sandeep H.
07012107	Gaurav Mamtani
07012108	Geetansh Kakkar
07012110	Joshi Chaitanya Suhas
07012112	Mallikarjuna Gurram
07012113	Manoj Kumar Mridha
07012114	Rahul Bhiwagade
07012115	Rishabh Mishra
07012116	Saurabh Mishra
07012117	Shweta Raizada
07012118	Subhojit Sarkar
07012120	Valivarthi V Ramana Raju
07012123	Yalmarthy Sarath Kanth
06012114	Rupendra Gajbhiye
06012115	S Abhishek

List of students who have fulfilled the requirements for the award of B.Tech. degree in Chemical Science and Technology

Roll No	Name
07012201	Abhimanyu Bhaker
07012202	Akshay Gundu Rao
07012203	Akshay Mishra
07012204	Ankit Jain
07012205	Anvita Ghritlahre
07012207	Goli Venkata S Kumar
07012208	Gyan Prakash
07012211	Karttikay Moudgil
07012212	Kranthi Kumar Reddy B
07012213	Neha Ladha
07012214	Nikhil Biyani
07012215	Nikhil Sharma
07012217	Rajdeo Das
07012218	Raman Kumar Singh
07012219	Rohit Raj
07012220	Sandeep Bedi
07012222	Shubham Agarwal
07012223	Sunil Kumer Gro

List of students who have fulfilled the requirements for the award of B.Tech. degree in Mathematics and Computing

Roll No	Name
07012301	A. Abhinava Kashyap
07012302	Abhishek Kumar
07012303	Abhishek Kumar Singh
07012304	Abhishek Mehra
07012305	Arihant Jain
07012307	Badida Venkata Krishna Chaitanya
07012308	Bollibisai Giridhar
07012309	Deepak Dagar
07012311	Hemant Kesarwani
07012312	Karthik V. S.
07012313	Manjeet Sudhanshu
07012316	N Vikas Reddy
07012317	Nandamuri Sravan Kumar
07012319	Rajan Goyal
07012320	Rangoju Abilash
07012322	Vishal Kumar G.
07012325	Harshal Goel
07012326	Gaurav Pagaria
07012327	Pranjal Kumar
07012328	Gunuganti Aditya
07012329	N J Ajay
06012308	Madiga Rajesh

List of students who have fulfilled the requirements for the award of B.Des. degree in Design

Roll No	Name
07020501	Aditya Bandi
07020502	Ankita Gautam
07020503	Anuraj Dadhich
07020505	Gaikwad Rohan Rajendra
07020506	Harshal Verma
07020507	Himangshu Ranjan Borah
07020511	Jitendra Kumar Mehra
07020513	Pushpender Hudda
07020514	Rajkumar Gupta
07020515	Rishabh Kumar
07020516	Rode Tejas Pradip
07020517	Rohit Sharma
07020518	Shamik Ray
07020519	Shobhan Deepak Shah
07020520	Supal Sandeep Purushottam
07020522	T. Theophilus
07020524	Trupti Telang
07020525	Vinay Kumar
06020510	Nikunj Khandelwal
991505	Ashish Sharma

List of students who have fulfilled the requirements for the award of M.Sc. degree in Physics

Roll No	Name
09212101	Abhijit Ghosh
09212103	Anshuman Nandy
09212104	Anup Kumar Mandal
09212105	Arnab Kumar Das
09212106	Arundhati Das
09212108	Ashimananda Modak
09212111	Dhirendra Kumar
09212113	Gulab Singh Maurya
09212115	Jiarul Midya
09212116	Jishnu Goswami
09212117	Jit Sarkar
09212118	Kartik Sau
09212120	Krashna Mohan Tripathi
09212121	Nitesh Kumar Singha
09212122	Paban Mandal
09212125	Ravi Kiran Saripalli
09212128	Shipra Jain
09212129	Shivendra Singh
09212130	Soumen Koner
09212131	Sumit Das
09212132	Suvendu Rakshit
09212133	Tanmoy Chakraborty
09212134	Tapas Singha
08212105	Bhawana Jha
08212120	Prakash Vardhan
08212125	Srijit Dutta

List of students who have fulfilled the requirements for the award of M.Sc. degree in Chemistry

Roll No	Name
09212201	Anup Bhunia
09212202	Arghya Deb
09212203	Arpa Hudait
09212204	Basudeb Baidya
09212205	Bhaswati Sengupta
09212206	Bulbul Maji
09212207	Chandramohan Jana
09212208	Deb Pratim Mukhopadhyay
09212209	Dibyendu Mondal
09212210	Hridesh Agarwalla
09212211	Indranil Sinha
09212212	Ivy Sarkar
09212213	Jashobanta Sahoo
09212214	Julfikar Hassan Mondal
09212215	Kaushik Ghosh
09212216	Koushik Bhowmik
09212218	Milan Dinda
09212219	Mouni Roy
09212220	Mritunjoy Maity
09212222	Nimai Pathak
09212223	Nitish Roy
09212225	Prasenjit Barman
09212226	Prativa Mazumdar
09212227	Pritam Mondal
09212229	Rita Das Mahapatra
09212230	Saikat Santra
09212231	Saugata Sahu
09212232	Soumya Bhattacharyya
09212233	Sourav Kumar Santra
09212234	Suman Das
09212235	Supratim Chakraborty
09212236	Susmitnarayan Chaudhury
09212237	Tulika Gupta
09212238	Vanjarapu Kesava Rao
08212205	Ashim Malakar

List of students who have fulfilled the requirements for the award of M.Sc. degree in Mathematics and Computing

Roll No	Name
09212301	Abhishek Das
09212303	Amit Kumar Laha
09212305	Arpan Dhara
09212306	Arpan Ganguli
09212307	Asrifa Sultana
09212313	Debarchana Ghosh
09212315	Dipankar Ghosh
09212316	Gayatri S Panicker
09212317	Gouranga Mallik
09212318	Ikbal Hossein Sarkar
09212320	Jismy Joseph
09212324	Mitra Koley
09212325	Mridul Saikia
09212329	Prakash Kumar Jhawar
09212332	Sahadeb Kuila
09212333	Samit Ghosh
09212336	Shuchita Goyal
09212337	Shweta Srivastava
09212339	Urmi Nayak
08212302	Anand Kumar Jha
08212304	Devendra Pratap Singh
08212309	Jatin Kumar
08212313	Mayank Dwivedi
08212321	Sandeep
08212323	Singh Hrisikesh Devendra
08212327	Tapas Kanti Chattopadhaya

List of students who have fulfilled the requirements for the award of M.A. degree in Development Studies

Roll No	Name
09224101	Arup Kumar Vishwakarma
09224103	Barnali Das
09224104	Bhaskar Jyoti Gogoi
09224105	Bhupen Mili
09224106	Chandana Kakati
09224111	Madhulika Kumari
09224112	Mahsina Rahman
09224113	Manikankana Bhattacharyya
09224114	Manzil Gogoi
09224116	Pranti Dutta
09224118	Pronoy Rai
09224120	Riju Moni Baishya
09224122	Trishna Mani Thakuria

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

Name	Roll No	Project Title
Anwikar Vallabh Ramesh	08410101	Timing Analysis of Real-Time Embedded Systems using Model Checking
Pavan Agrawal	08410102	Global Checkpoint Algorithm in Cluster Federation
Manish Goyal	08410103	Reachability Analysis of Hybrid Systems: An Evaluation of PHAVer and HSolver
Prabhat Kiran	08410104	k-th Order Geometric Spanners for Wireless Ad Hoc Networks
Subhan Alisha Sheik	08410107	Push-Based Middleware for Data Exchange in SOA Environments
Sashibhusan Pain	08410108	Dynamic Route Updation for Layered Routing in Wireless Mesh Network (DRULAR)
Chandrakant Sharpa	08410109	SINR based QoS Aware handoff between IEEE 802.11 and GPRS network
Surti Shirishkumar Jayantilal	08410111	Pseudo-stabilizing and Self-stabilizing Casual Ordering Algorithms
Shirshendu Das	08410112	Formal Modelling of Multiple Clock Latency Insensitive Systems
Parabattina Bhagath	08410113	Characterization of Spoken English vowels in Acoustic Phonetic Approach
Vishal Jagannath Parage	08410114	Performance Evaluation of Hindi Soft Keyboard for Small Screen Devices
Nahar Singh	08410115	Aesthetic Adaptation of User Interface
Golla Veera Sekhar Babu	08410116	Connectivity Based Dual Vdd for Low Power FPGA
Lalit Chandnani	08410117	DVS-based Power Management for Multiple Server System in presence of server failure & repair
Karthik. R	08410118	An Open Cloud Architecture for Provision of Infrastructure as a Service
Subrata Laha	08410119	A Study on Bengali Virtual Keyboards for Small Display Devices
Ankur Gupta	08410120	A Novel real-Time Proficient Algorithm for Edge Detection
Joshi Shantanu Shrinivas	08410121	Context Aware Handoff in Heterogeneous Wireless Networks
Ajeet Kumar Singh	08410123	TPW: A Transport Protocol for Wireless Mesh Networks using Active Bandwidth Measurement
Lopamudra Chatterjee	08410124	Clustered Caching for Improving Performance and Energy Requirements in NoC based Multiprocessor

Hari Prabhat Gupta	08410125	(DBET) Demand Based Energy Efficient Topology for MANET
Kushagra Misra	08410126	FDES application to on-line Testing of Asynchronous Circuits
Ajit Kumar Tapse	08410129	Energy Efficiency Routing in Wireless Mesh Networks with Discrete Battery Power Levels
Ashish Mehta	08410132	Dynamic Power Management With Reliability Constraints for Non-Markovian Workloads over SOC
Sumit Kumar	08410135	Implementation of a Dynamic Emotion Generation Model for Mobile Robot
Bindu Agarwalla	08410136	Dynamic Task Allocation in NOC

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

Name	Roll No	Project Title
Ritesh Ratti	08410106	Active Detection Mechanism for attacks in Autonomous Systems
Vengala Satish Kumar	08410110	Secure Network Steganography Scheme Exploiting TCP sequence Number
Sapna Kushwaha	08410127	Detection of Kernel Level Rootkits using Lodable Kernel Modules
Roopa S.	08410128	Active Detection Mechanism for Attacks in Autonomous System
Santosh Kumar	08410130	Network Anomaly Detection using One-Class Support Vector Machine
Anand S. Nair	08410133	Packet Length Based Network Steganography and Its Detection
Vishal Kurup	08410134	Mail Plugin for IBM Mashup Center
Vikrant Kumar Singh	08410137	Anomaly Detection through Clustering

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

Name	Roll No	Project Title
Aditya Sri Ram Saladi	08410205	Design, Fabrication and Testing of RFID Tag Antennas
Sanjeev Sharma	08410208	A New Set of Orthogonal Pulses and a Combined Modulation Scheme for UWB Communications
Balaram Aiahthippireddy	08410209	Fractal Based Image Authentication
Suresh Babu Damma	08410210	FPGA implementation of Single Carrier-FDMA
Ramana Kasireddy	08410211	Implementation of Block Floating Point Based Adaptive Decision Feedback Equalizer using FPGA
Ram Mohan Madabushi	08410212	Automatic Abstraction of Broadcast Cricket Videos
Vinod Jha	08410213	Modeling of Indoor Propagation Scenarios
Karthik K	08410214	FFT Implementation on FPGA for Spectrum Analyzer
B Sunil	08410215	An Investigation on Narrowband and Vitra Wideband Beamforming Techniques
Jiju. P.P	08410216	FPGA Implementation of Low Power Systolic Array Based Viterbi Decoder
Bhasker Penta	08410218	Non-Blind Symbol Timing Offset Estimation for MIMO-OFDM based WLAN Systems
T. Srinivas Yadav	08410219	Hand Gesture Recognition Systems using Neural Networks
M. Harshavardhan	08410220	FPAA and Relay Based Reconfigurable Controller
Suresh Babu Y	08410221	Exploring Speaker Normalization in Large Margin Training Framework in ASR
Sarada Prasad Gochhayat	08410222	Person Identification using Elctrocardiogram
Sasivarnan. C	08410224	Robust Person Tracking for Intelligent Visual Surveillance
Aragala Jagan	08410225	Person Identification using GAIT
Rajeev Gangula	08410226	On Cooperative Communications with Distributed Space-Time Coding and Relay Selection including Security Aspects
Cherukuri Sujith	08410227	Studies in Discriminative Keyword Spotting

N.V. Aswani Kumar Pabbathi	08410228	Narrow Band Interference in UWB Communication Systems
Krishna. C.V.	08410229	Investigation of Keyhole Effects in MIMO Channel
Tarun Choubisa	08410230	Normalization and Fusion Techniques for Multimodal Biometric Person Verification
Santosh Reddy Mallipeddi	08410231	Interference Mitigation and Coexistence Issues with UWB Systems
Anushree Neogi	08410233	Blind Estimation of Synchronization Errors for a Convolutionally Coded OFDM System
Sowmya. S.	08410234	Isolated Handwritten Numeral Recognition
Santosh Chary .B	08410235	Cooperative Ultra-Wideband Communication Systemm
Durga Prasad Rao Mandala	08410237	Compression Sensitive Semi-Fragile Watermarking For Image Authentication
R. Veerendra Kumar	08410238	Noise Cancellation in ECG Signal Using Computationally Efficient Adaptive Filtering Algorithms: Application to Biotelemetry
Rangeet Mitra	08410240	A Class of Fast Converging Blind Adaptive Equalizers with Constellation Matching Cost Functions
Mohit Kumar Sharma	08410243	New Developments in Vector Quantizers and Permutation Vector Quantizers
Soyuj Kumar Sahoo	09410217	Multimodal Biometric Person Authentication Using Speech and Face Under Degraded Condition
Manoj B.R	09410224	Performance Analysis of Switched Diversity Receivers Over Composite Fading Channels
Raju Jaitwar	09410243	Sliding Mode Control of an active suspension system
Madhusudhan Mishra	09410248	Diabetic Retinopathy Using Fundus Image Analysis

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

Name	Roll No	Project Title
Diptaman Hazarika	08410202	Precision Temperature Sensor in CMOS Technology
Chinthala Ramesh	08410203	Design and Implementation of UWB Modulators and Reduced Complexity Demodulator for Impulse Radio in 18onm CMOS Technology
Naveen Suda	08410204	Design of a 0.5 V Low Power Analog Front-End for Heart-rate detector
Sanyasi Rao Rupiti	08410206	DVB-SH RF Tuner with Wireless Inductive Link to Base-band Processor
Gurram Koteswara Rao	08410207	ASIC Design Pulse Mode Ultra Wide Band (UWB) Transceiver

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

Name	Roll No	Project Title
More Vijay Vasant	08410301	Geometrically Nonlinear Analysis of Non-Axisymmetric Annular Plate
A. Venkata Dhanunjaya Reddy	08410303	Optimum Design and Analysis of Tapered Roller Bearings using Genetic Algorithms
Mekala Narasimha Rao	08410304	Non Linear Finite Element Analysis of Smart Composite Structures
Fapal Anand Mohan	08410305	Non-Linear Time Transient Stability Analysis of Rotors Mounted on Gas foil Bearings (GFBS)
Sudarshan Kumar	08410306	Stability Analysis of Multi Lobe Pressure Dam Bearings
Garlapati Nagababu	08410307	Finite Element Determination of Shape of the Three Parameter Zone at the Crack Tip
Prince. R	08410308	Finite Element Analysis of FGM Plates with Cracks
Devendra Kumar Sahu	08410309	A Study in Performance of the interior collocation method for determination of stress intensity factors
Ratna Kumar Kommogi	08410310	Design and Development and Performance Evaluation of Asymmetric composite Gears
Pawan Kumar Rathore	08410312	Optimal Sensors-Actuators Placement in Smart FRP Strctures using Genetic Algorithm
Bodake Abhay Raghunath	08410313	Geometrically Nonlinear Analysis of Functionally Graded Plates and Panels
Dinesh Kumar Yadav	08410315	A Study on performance of the interior collocation method for the determination of T-Stress
Kiran Kumar N	09410304	Dynamic Analysis of MRE Cored Sandwich Beam with Composite Skins using FEM
Thamarai Selvan V	09410318	Modeling of Thermal Stress in a Thick Walled Cylinder
Pallekonda Ramesh Babu	09410320	Design and Analysis of Single Component Accelerometer Balance for High Speed Aerospace Applications

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

Name	Roll No	Project Title
Gundavarapu V.S. Kumar	08410329	Computation of Micro and Macro Fluid Flows using Lattice Boltzmann Method
Dinkar Brajeshkumar Kishorilal	08410330	Study of Combustion Emission Characteristics in a Biogas Run Fuel Engine
Anil Stephen	08410333	Analysis pf Combined Mode Conduction and Radiation Heat Transfer in Spherical , Cylindrical and Rectangular Geometries with Non-Fourier Effect
Bhogilla Satya Sekhar	08410335	Performance Studies on Metal Hydride based Thermal Energy Storage Systems
Praveen Agrawal	08410336	Analysis of Radiative Transport in a Cylindrical Medium Subjected to Collimated Radiation
Shete Viraj Vilas	08410337	Application of Immersed Boundary Method to Incompressible Viscous Flows
Maqsood Alam	08410338	Development and analysis of unsteady aerodynamic reduced order models based on rational function approximation
Saptarshi Mandal	08410339	Reduction of Emission Level in a Diesel Engine using CO_2 nano particle mixed diesel (Nanofuel)
Chilukoti Hari Krishna	08410341	Application of the Modified Discrete Ordinates Method for Radiative Transport in Cylindrical and Spherical Media
Raju Kumar	08410344	Finite Volume Computation of Fluid Flows with Strong Shocks
Mahesh Kumar Yadav	08410345	Modelling & Simulation of a combined Cycle
Nirmal Halder	08410346	Design and Development of Multifeed Thermophilic Biogas Digester
Prem Kumar M R	08410348	Simulation of Low-amplitude Sloshing Motion in Fixed and Vertically Excited Tanks
H. Lalhmingsanga	08410349	Experimental Study of Free Surface Elevation of Liquid in an Excited Rectangular Tank
Bikramaditya Kumbang	08410350	Performance Analysis of a Natural Convective Grain Dryer
Yogesh Kumar Rathore	08410352	Numerical Study of Shock Reflection Process in a Shock tube for optimizing test

		conditions
Vaidya Ajinkya Anil	09410329	Numerical Simulation of the Dynamics of Bubbles with and Without Phase Change
Chandra Shekhar Pant	09410330	Stagnation Point Injection Analysis for DRAG Reduction in Hypersonic Applocation
Pramod Kisan Patil	09410335	3-D Lattice Boltzmann Model for Dynamics of Bubbles or Drops Through Inclined Channel and Sudden Contraction
Atreyo Chowdhury	09410337	Transpiration Cooling Analysis for Hypersonic Applications

List of students who have fulfilled the requirements for award of M.Tech. degree in Mechanical Engineering with Specialization in Computer Assisted Manufacturing

Name	Roll No	Project Title
Swapnita Kakati	07410341	Performance Enhancement of a conventional stove using a new class of fuel-Nanofuel
V. Shashi Mohan Rao	08410319	Recrystallization Phenomenon in Cold Rolled Steels
Ajay Sharma	08410320	Mechanical Characterization of CNT/HDPE nanocomposites using conventional and small punch technique
Nilesh Murlidhar Bondre	08410321	Weld region Representation during the formability prediction of friction stir welded tailored blanks
Marrapu Bhargava	08410322	Deformation Mechanism Map for Cast Zr-2.5 Nb Alloy
Ravi Kant	08410323	Investigation on the forming of the adhesive bonded Blanks
Susanta Kumar Dey	08410325	Computing the Tensile Behavior of Tailor Welded Blanks by ANN based Expert System
P. Surya Anjaneyulu	08410326	Experimental Study and Modeling of Wire-cut Electrical Discharge Machining Process
Mahat Das	08410354	A Study if Microstructure Evolution in Cold Flat Rolling Process

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

Name	Roll No	Project Title
Mane Ashish Laxman	08410401	Effect of cracked section on lateral response of RC structures
Narendra Babu Battina	08410402	Model updating of Saraighat bridge using field data
Rajesh Gunukula	08410404	System identification of two storey scaled steel building
Shashank Saurabh	08410406	Element free palerking method for stress resultant elastoplastic plate bedina problem
Rajkumar Gajula	08410407	Structural health monitoring using nonparametric system identification techniques
Prahallad Bhoi	08410409	Behaviour of concrete in severe environment
Kelhousithie Vizo	08410410	Seismic rehabilitation of RC Beam-Column joint
Saroj Kumar	08410412	Earthquake analysis of framed structures
Ajay Kumar	08410456	A parametric study of single and double edge notched plates under antiplane loading using finite element method
Manchanda Sagar Virendra	08410459	Influence of ductile detailing on strength and stiffiness of masonary infilled reinforced concrete frames
Rajesh Kondamudi	08410460	Strength and durability characteristics of concrete made with supplementary cementitious materials

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

Name	Roll No	Project Title
Amit Kumar Dubey	08410413	Probabilistic runoff generation for different land use/land cover in preferential path nested catchments
Vishal Deshpande	08410414	Generation of an n-parameter instantaneous unit hydrograph of a watershed by routing through linear reservoirs
Hriday Mani Kalita	08410415	2D flow simulation using MIKE software
Shyamal Ghosh	08410418	Impact of Climate and land use changes on flood vulnerability of the Brahmaputra Basin
Pranjit Shil	08410419	Water quality evaluation in a part of the Ghorajan stream, a tributary to the Brahmaputra river
Dilip Kumar	08410420	Distributed rainfall-runout approach using WMS and HEC-HMS
Durga Sharma	08410421	Analysis of extreme stream flow condition in Brahmaputra river
Arpit Chouksey	08410449	Non-Point source pollution of small streams at different altitudes

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

Name	Roll No	Project Title
Mohamed Younus M	08410422	Laboratory investigations to maximize the utility of fly ash for landfill liner
Sandeep Rai	08410423	A study on influence of piles on response of raft foundations
Syam. P.S.	08410424	Bearing capacity of geocell reinforced foundation
Animesh Basu	08410425	A study on stability analysis of flood embankments
Shinde Bhushan Vilas	08410426	Modulus of elasticity of geocell reinforced foundation beds
Bablu Kirar	08410428	Dynamic properties of soils for the design of machine foundations
Sumesh M	08410429	An experimental study on strength behavior of soils blended with fly ash and cement
Mamu Loying	08410430	Experimental investigation on multiple contaminant migration in soil
Babloo Chaudhary	08410452	Seismic earth pressures on reinforced soil retaining structures
Chandan Kumar	08410453	Study on seismic earth pressure on retaining structures

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

Name	Roll No	Project Title
Rajesh Kumar Paswan	07410451	Groundwater and surface water quality evaluation in the IIT Guwahati campus
Anand Hiremath	08410439	Vulnerability to acidification of surface water of IIT Guwahati
Patil Sudhir Bandopant	08410440	Effect of sulphate and nitrate on phosphate adsorption by calcinated Fe-Mg double layered hydroxides coated with silica gel
Santosh Krishna M	08410441	Removal of fluoride from water by adsorption using calcinated Fe-Mg coated on silica gel
Rajesh Ranjan	08410443	Characterization of precipitation over an increasingly urbanizing area and implication to ground water and surface water quality
Ganesh Chandra Dhal	08410444	High rate composting of water hyacinth
Baviskar Shirishkumar Madhukar	08410447	Leaching of iron, controlling factors and implication on arsenic mobilization in groundwater

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

Name	Roll No	Project Title
Rahul T.M	08410431	Macroscopic models for Heterogeneous traffic
Manoj. M	08410432	Performance evaluation of asphaltic concrete and flexible rigid pavement overlays
Kuleshwer Verma	08410433	Analysis of the relationships between heterogeneous traffic characteristics
Venkatramanaiah Aitha	08410435	Effect of maximum aggregate size with its replacement by lower size and fillers on bituminous mix
Darukumalli Ramesh	08410436	Influence of laboratory mix design in manufacturing of interlocking concrete blocks at factory
Arpan Mehar	08410437	Microscopic simulation of rotary traffic using VISSIM
Binanda Khungur Narzary	08410438	Development of a more realistic cellular automata based traffic flow model
Mario Gerard Pradeep	08410451	Analysis of Macroscopic characteristics under Heterogeneous traffic conditions
E. Obulu Reddy	09410447	Moisture Susceptibility of Bituminous Mixes with Different Fillers
Amit Kumar Rathi	09410448	Role of Fillers in design of Bituminous Mixes
Gavvala Rajesh	09410449	Evaluation of Stiffening Potential of Fillers in Bituminous Mixes

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

Name	Roll No	Project Title
C. Narendra Reddy	08410605	Assembly and successful operation of fluorescence correlation spectroscopy facility
Uma. K	08410607	Medium optimization for enhanced production of L-Asparaginase from *Erwinia aroideae* NRRL B 136 using Taguchi's method
Amit Jaiswal	08410608	Synthesis, characterization and applications of water dispersible ZnS quantum dots
Leelakrishna Bankapalli	08410611	Purification, characterization and immobilization of urease from *Momordica charantia* seeds
Kapil Dev Singh	09410601	Aggregation of hen lysozyme protein up to nanomolar concentrations in alkaline pH: A FCS Investigation
Aditya Sriraman Iyer	09410602	Employing enzyme kinetics to monitor functional perturbations in proteins subsequent to conjugation with quantum dots
R Sarath	09410603	Nuclear and plastid genome characterization of *Hedychium* species
Abhishek Gupta	09410605	Studies on the production and analysis of a mycotoxin, beauvericin from *Beauveria bassiana*
Deblina Chakraborty	09410606	Studies on ornithine decarboxylase of *Leishmania donovani*
Himanshu Vyas	09410607	Isolation and differentiation of stem cells from human limbal tissue and extra ocular muscle into retinal progenitor cells
Debatosh Das	09410608	Molecular cloning, overexpression and characterization of abiotic stress related non-fermenting-1 related protein kinases family genes, SnRK2.8, 2.10 and lea4.1
Ruchi	09410610	Bioconversion of agricultural waste to ethanol by SSF using recombinant cellulose from *Clostridium thermocellum*
Samir Gupta	09410612	Cytoskeletal modification in human bone marrow mesenchymal stem cells during adipogenic and osteogenic differentiation

Umakanth Vudumula	09410613	Interactions of N-methyl-8-alkoxy quinolinium iodide with bacterial cells
Neha Sharma	09410614	Study on various potential modulators of redox metabolism of *Leishmania* parasite
Shubaash A R G	09410615	Nanocarrier for suicide gene delivery
Rajesh Kumar Chaurasia	09410616	Physio-chemical and biological studies of novel anionic conjugated polymers to develop antimicrobial medicament
Lokanadha Rao Gunupuru	09410617	Cloning and molecular characterization of Atpyl13 and Atpyl19 – abscisic acid reporter genes of *Arabidopsis thaliana*
Santhosh M	09410618	Studies on electron transport mediation in alcohol oxidase-based bioelectrode for biosensor applications
Sumeet Kheria	09410619	Industrial wastewater treatment using *Phanerochaete chrysosporium* in a rotating biological contactor reactor
Anoop. R	09410620	Studies on inhibitory properties of *Agaricus bisporus*
Pradeepkumar Suragala	09410621	Studies on hydrophobins and spore proteins from entomopathogenic fungi: adhesion aids on insect cuticle
Ravi Gedela	09410622	Studies on heterokaryon incompatibility in *Neurospora crassa*
Devendra Kumar Maravi	09410623	Antimicrobial activity and chemical characterization of *Lantana camara* plants
Ramavathu Eshwar Naik	09410624	Production of cutinase from *Pseudomonas cepacia* NRRL B 2320

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

Name	Roll No	Project Title
Potdar Shailesh Nandkishorrao	08410702	Extraction of Aromatic Compound using mixed ionic liquid
Chenchaiah Sudulagunta	08410703	Adsorption and Coalescence in Aqueous Solutions of Surfactants and Alcohols
Dhadge Vijaykumar Laxman	08410704	Production of Flavonoids from Natural Resources using Membrane Separation Technology
Anirban Patra	08410705	Optimal Control of Chemical Processes
Veera Venkata Vara Prasad P.	08410706	Chromium removal from waste water by zero valet iron: Batch and Column studies
Nirmal Ravi Varma	08410707	Desulphurization of Fuels using Iconic Liquids: Experiments, Correlations and COSMO-RS Predictions
Madeti Girish Kumar	08410708	CFD Simulation of Shear Induced Particle Migration
S.V. Ravikumar Bandaru	08410709	Nitration of Chlorobenzene at high-concentrations of sulfuric acid
Chilukoti Balaji	08410710	Mechanistic Studies in Sono-Photo Catalytic Degradation of Recalcitrant Organic Compounds
Satyanjay Sahoo	08410711	Amine Impregnated Adsorbent Synthesis for Carbon Dioxide Adsorption
Ritesh Patidar	08410712	Physical Features of Ultrasound Assisted Enzymatic Degradation of Recalcitrant Organic Pollutants
Sama Vijaya Krishna	08410713	Properties and Thermal Degradation Kinetics of Polymer/Organoclay Nanocomposites: Effect of Processing Conditions and Organoclay Loading
Naresh Kumar Meena	08410714	Development of Membrane Based Technology for the separation of Coal from Organic Solvent
Biswakant Pradhan	08410716	Biodegradation of Phenolic Wastewater using indigenous mixed microbial culture
O. Chandra Shekar	08410718	Effect of Surface Roughness and Mass Transfer enhancement on the performance characteristics of nickel-hypophosphite elecholess plating baths for metal-ceramic composite membrane fabrication
Anusha Chandra	08410719	Assessment of Design Parameter Guidelines for Shell and Tube Heat Exchangers in Refinery Heat Exchanger Networks

Durgesh Songera	08410720	Synthesis and characterization of Metal Nanowires for Hydrogen Storage
Nivedita Shroti	08410721	Modification of Nafion Membrane with Inorganic Additive for Enhanced Performance of Direct Alcohol Fuel Cell
Ranjith Muraleedharan	08410722	CO2 Capture using Sterically Hindered Amines
Dilip Kumar Mondal	08410723	Preparation and Characterization of Low Cost Adsorbent For Color Removal
Arijit Das	08410725	Preparation of Low Cost Stevioside by Ultrafiltration
Suresh Kumar Patel	08410726	Pressure drop and drag reduction in non-newtonian fluid flow system in packed bed
Satyadas Yerravarapu	08410727	Stabilization of Hydroxide Sludge containing heavy metals by Microwave Radiation
Kamal Kumar Bhatluri	08410728	Preparation and Characterization of Alumina-titania mixed oxide supported catalysis for carbon monoxide methanation reaction
Vinay Kumar	08410730	Gas Entraiment and Holdup Characteristics in an Ejector Induced gas-liquid two-phase machine
Venkateswara Reddy S.	08410731	Study of Instabilities and Dynamics of Suspensions via experimental measurements and numerical simulations
M. Samuel Jedidiah	08410732	Synthesis and Measurement of Adsorption of CH_4, Co_2, Co and N_2 gases on ZnDABCO Metal Organic Framework
Bhusare Vishal Hanumant	09410703	A Generalized Kinetic Modeling Methodology for first order irreversible reaction systems
Tijo Sebastian	09410708	Equilibrium Solubility of CO_2 different Polymeric Membranes
Anwesha Basu	09410709	Instability and Dynamics of Thin Leaky Bilayers
Hemant Kumar	09410713	Biodegradation of Phenol using mixed microbial culture
Sri Harsha K	09410723	Carbon Dioxide Separation by Polybenzimidazole Membrane Containing an Amine carrier
Sai Kiran Cheruku	09410728	Liquid Liquid Equilibrium Studies on Ionic Liquid-Thiophene-Diesel Compounds: Experiments and Predictions
Nalwala Rohitbabu Gangadhar	09410734	Steady State and Dynamic Behaviour of CSTR

List of students who have fulfilled the requirements for award of M.Des. degree in Design

Name	Roll No	Project Title
Chagantipati Gokul Venkatesh	09420502	Design of Operator's Area of Indian Tractor for 2015 (For TAFE)
Gurjot Singh Mamik	09420503	To in tune (Graphic Novel)
Mufaddal Shabbir Husein	09420504	Food Design (Feedium)
Apoorv Tomar	09420505	Space/Time and Experience)
Abhishek Bora	09420506	Preservation of Ethnic cuisines by exploration of kitchen activities and processes
Shreyoshi Ghosh	09420508	ChitraKatha
Jagriti	09420510	Design and Development of Information System to Educate women about Prenatal & Postnatal issues and care
Patil Vilas Karbhari	09420511	Design and Development of Assistance Device for Elderly
Dipanka Boruah	09420512	DOLA-Concept Rural Ambulance
Parimala Bandlamudi	09420513	Personal Cleaning system for less abled and patients
Amit Ranjan	09420514	Design and Development of Information System to Educate women about Prenatal & Postnatal issues and care
Supradip Das	09420515	Trata 0.1-Mobility system for disaster management for Indian Army
Prajyot Ashok Kadam	09420516	To Explore new identity of one toner (rural and passenger) carrier
K Markandeya	09420517	Sarrsayya- Know your Mythology

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

Name	Thesis Title
Biotechnology	
Atul Kumar Singh	Molecular detection and characterization of antagonistic and *in vitro* adhesion property of lactic acid bacteria
Priyanka Srivastava	Plant tissue culture and production of Triterpenoids from medicinal plants *Azadirachta Indica* A. Juss. and *Lantana Camara* L.
Uzma Mustafa	Studies on abiotic stress tolerance, virulence determinants and molecular characterization of *Metarhizium Anisopliae* and *Beauveria Bassiana* isolates, and toxin production by *M. Anisopliae* (Arsef-2735)
Vigya Kesari	Characterization of candidate plus trees (CPTs) of *Pongamia pinnata* (L.), a versatile legume from North Guwahati, Assam
Sanjay Kumar	Production, purification and characterization of Glutaminase-free L-Asparaginase from *Pectobacterium Carotovorum* MTCC 1428
Achlesh Daverey	Studies on Sophorolipids production and pretreatment of high fats and oils containing dairy wastewater using *Candida Bombicola*
Preety Vatsyayan	Studies on heme-based redox enzymes from *Aspergillus terreus* MTCC 6324 and their potential applications for bioelectronic devices
Seema Patel	Production, structure analysis and biotechnological applications of dextran from a novel strain of *Pediococcus pentosaceus* isolated from microbial diversity hot spot Assam

Chemical Engineering

Ramesh Chandra Borah

Devolatilization of Coal of Northeastern India in Argon, Air, and Oxygen-Enriched Air under Fluidized Bed Conditions

Sanjay Kumar Chattopadhyay

Development of Natural Fiber Reinforced Polypropylene Composites and their Biodegradability Studies

P. Aadaleesan

NASH game based mixed H_2/H_∞ model predictive control applied with Laguerre-Wavelet Network Model

Chemistry

Sonit Kumar Gogoi

Nanoscale silver and gold for chemical and biological applications

Bolin Chetia

Molecular Recognition and Metallo-supramolecular Complex Forming Ability of some Tridentate Ligands and Oligomers

Subash Chandra Sahoo

Chiral Cavities with Amino Acid Derived Ligands and their Interactions with Chiral and Achiral Guests

Rajeev Mishra

Study of high harmonic generation beyond dipole approximation

Jashmini Deka

Interacting Gold Nanoparticles and Proteins in Diagnostics and Catalyses

Chandramoulali Reddy U

Stereoselective Synthesis of Substituted Dihydro- and Terrahydropyrans

Gunin Saikia

Novel Conjugated Polymers for Application in Optoelectronic Devices and Sensors

Harisadhan Ghosh

Exploration of Hypervalent Iodine(III) & Ditribromide (EDPBT) in Organic Synthesis

Harjyoti Thakuria

Development of heterogeneous catalysts and solid state methodologies for organic synthesis

Nihar Dash	Dual Fluorescence of 2-(4'-*N,N*-dimethylaminophenyl) imidazo [4,5-b]pyridine : Effect of homogeneous and microheterogeneous environments
Ramesh Yella	Newer Strategies for the Synthesis of Heterocycles Using Thiophilic Reagents
Wangkheimayum Marjit Singh	Supramolecular aspects of some quinone derivatives and coordination polymer of flexible dicarboxylic acids
Bimlesh Ojha	Photophysical Approach to Study the Interaction between Synthetic Amphiphiles and Proteins
Rupam Sarma	Coordination and supramolecular chemistry of aromatic *N*-oxides

Civil Engineering

Minaxi Rai	Geocell-Sand Mattress Overlying Soft Clay Subgrade : Behaviour under Circular Loading
Potsangbam Albino Kumar	Application and evaluation of amine based polymers for heavy metals adsorption and recovery from wastewater
Kamal Uddin Ahamad	Batch and Column Adsorption Studies for Simultaneous Removal of Iron, Arsenic and Fluoride by Wooden Charcoal and River Sand used as Filter Media in Indigenous Household Iron Filter Units of Rural and Semi-Urban Assam (India)
Md. Monowar Hussain	A study on performance improvement of expansive soil using residual soil and lime
Ray Maya Rajnarayan	Reservoir operation considering downstream impact of a hydroelectric project
Abdul Munim Choudhury	Study on size effect of RC beam-column joints with and without retrofitting under cyclic loading
Tapas Karmaker	Stochastic erosion in the composite banks of alluvial river bends
Mukul Chandra Bora	Performance improvement of weak clay foundation using stone column and geocell-sand mattress

Computer Science and Engineering

D. Satyanarayana	Delaunay Triangulation based Spanners for MANET
Sraban Kumar Mohanty	I/O efficient algorithms for matrix computations

Electronics and Electrical Engineering

Navajit Saikia — Perceptual hashing for wavelet-based Scalably-coded video

Senthilkumar D — Design of robust fuzzy controllers for uncertain nonlinear systems

Rupaban Subadar — Performance Analysis of Diversity Combining Receivers Over Hoyt, $\eta - \mu$ and $\kappa - \mu$ Fading Channels

Humanities and Social Sciences

Malini Nair — The Stock English Comic Character in Selected Novels of P.G. Wodehouse

Merry Baruah Bora — Family in selected novels of Shashi Deshpande

Narsingh Kumar — Determinants of stress and well-being in call centre employees: Role of self-efficacy and social support

Arpana Nath — Mothers and Daughters: A Study of Selected Fiction by Indian Women Novelists in English

Mathematics

Cosmika Goswami — Performance analysis of working vacation Queueing models in communication systems

Mechanical Engineering

Swarup Kumar Laha	Analysis of stability and unbalance response of flexible rotor supported on hydrodynamic porous journal bearing
Sanjib Banerjee	Mechanical Properties and High Temperature Deformation Behavior of Al-Cu-Mg Alloys Microalloyed with Sn
D. Santhosh Kumar	Multigrid Computation of Steady and Time-Dependent Incompressible Viscous Flows
D. Arumuga Perumal	Lattice Boltzmann computation of micro and macro fluid flows and heat transfer
A. Satheesh	Thermal Modeling and Performance Investigations of Metal Hydride Based Heat Pumps
C. Subramanian	Design, development and performance of thermoplastic composite leaf springs
Manjuri Hazarika	A fuzzy set based setup planning expert system considering fixturing aspects for machining of prismatic parts

Physics

Kishore Dutta	Statistical Field Spectral Calculations in Some Problems of Anisotropic Turbulence
Purabi Gogoi	Preparation and Study of High Quality Hydrogenated Silicon Films from Amorphous to Microcrystalline Transition Range for Photovoltaic Applications
Poulumi Dey	Disorder and spin imbalance induced exotic phases in weakly coupled s-wave superconductors

Centre for Energy

Bibhuti Bhusan Sahoo

Clean development mechanism potential of compression ignition diesel engines using gaseous fuels in dual fuel mode

Patil Ranjit Shankarrao

Parametric Studies and Effect of Scale-up on Heat Transfer Characteristics of Circulating Fluidized Beds

Centre for the Environment

Shampa Sen

Studies on production and applications of Alkaline Protease from *Bacillus Pseudofirmus*

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Green Synthetic Methodologies Using Innocuous Reagents & Removal of Nitrobenzene Using Cloud Point Extraction

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Implications of Nanoparticle-Polymer Composites as Probes and Therapeutic Agents

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Mass Loading Effect of Resonant Structures in Surface Acoustic Wave Devices Suitable for Sensing Applications

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Spectroscopic Studies of Diameter Dependent Properties, Defects and Defect Engineering in Single-Walled and Multi-Walled Carbon Nanotubes