



बारहवें दीक्षांत समारोह

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

26 मई 2010

Twelfth Convocation

Indian Institute of Technology Guwahati

26 May 2010



Indian Institute of Technology Guwahati

Twelfth Convocation

Wednesday, 26 May 2010



## **Programme**

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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, 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. M. K. Bhan (up to 07.02.2010) Secretary, Department of Biotechnology Ministry of Science & Technology C. G. O. Complex (Block 2, 7th Floor) Lodi Road, New Delhi – 110003	Chairman	
2.	Dr. R. P. Singh (from 08.02.2010) A-1, PWO Housing Society Hriday Deep, Sector – 43 Gurgaon, Haryana 122 002	Chairman	
3.	Prof. Gautam Barua Director, IIT Guwahati	Member [Ex-officio]	
4.	Prof. Vinod Kumar Singh Director Indian Institute of Science Education and Research (IISER) Bhopal Transit Campus ITI (Gas Rahat) Building, Govindpura Bhopal 462 023, MP	Member	Nominees of the IIT Council
5.	Mr. K. Shankar Narayanan A – 304, Exotica Shalimar Township, Agra Bombay Road, Indore – 452 010	Member	
6.	Mr. Provash Chandra Neogy EC – 126, Sector - I Salt Lake, Kolkata - 700 064	Member	
7.	Shri N. K. Sinha (from 05.08.2009) Joint Secretary Bureau of Distance Learning & Scholarships Ministry of Human Resource Development Department of Higher Education Shastri Bhavan, New Delhi 110 115	Member	
8.	Mr. P. Sharat Chandra (upto 06.12.2009 ) Principal Secretary Government of Manipur Department of Higher & Technical Education Manipur Secretariat, South Block Imphal – 795 001	Member	Nominee for North East Region

9.	Mr. H. M. Cairae I.A.S. , Principal Secretary to the Govt. of Assam, Public Enterprises and Higher Education Department, 'C' Block, Assam Secretariat, Dispur, Guwahati – 781006	Member	Nominee of the Govt. of Assam
10.	Prof. A. Khare, Dept. of Physics, IIT Guwahati	Member	Nominees of the Senate
11.	Prof. A. T. Khan (upto 31.12.2009) Dept. of Chemistry, IIT Guwahati	Member	
12.	Prof. B.K. Patel (from 16.03.2010) Dept. of Chemistry, IIT Guwahati	Member	
13.	Dr. B. N. Raychoudhury Registrar, IIT Guwahati	Secretary (Ex-officio)	

## Organisation

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Dr. R.P. Singh  
Prof. Gautam Barua  
Prof. P.K.Bora  
Prof. P.S. Robi  
Prof. S. Nandi  
Prof. A.K.Sarma  
Prof. A. Dutta  
Prof. S. Dandapat  
Dr. B. N. Raychoudhury

Chairman, Board of Governors  
Director  
Dean of Faculty Affairs  
Dean of Research & Development  
Dean of Academic Affairs  
Dean of Students' Affairs  
Dean, Institute Works  
Dean, Admin.  
Registrar

## Heads of Departments

Prof. Arun Goyal  
Dr. P.Saha  
Prof. Arun Chattopadhyay  
Prof. S.K.Deb  
Dr. Purandar Bhaduri  
Prof. A.K.Das  
Prof. S. Majhi

Prof. A. Barua  
Prof. R. K. Sinha  
Prof. Debabrata Chakraborty  
Prof. S .Ravi

Biotechnology  
Chemical Engineering  
Chemistry  
Civil Engineering  
Computer Science and Engineering  
Design  
Electronics and Communication  
Engineering  
Humanities and Social Sciences  
Mathematics  
Mechanical Engineering  
Physics

## Heads of Academic Centres

Prof. P. Mahanta  
Prof. C. Mahanta  
Dr. S. S. Ghosh

Centre for Energy  
Centre for the Environment  
Centre for Nanotechnology





## Gold and Silver Medalists

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**President of India Gold Medal**

Sarabjot Singh

Electronics and Communication Engineering



**Silver Medal**

Nipun Sehrawat

Computer Science and Engineering



**Silver Medal**

Prarthana Majumdar

Mechanical Engineering



**Silver Medal**

Salil Sharma

Civil Engineering



**Silver Medal**  
Siddharth Gupta  
Biotechnology



**Silver Medal**  
Amit Kumar Singh  
Chemical Engineering



**Silver Medal**  
Prateek Singh  
Engineering Physics



**Silver Medal**  
Amey Kirwai  
Chemical Science and Technology



**Silver Medal**  
Anjishnu Sarkar  
Chemical Science and Technology



**Silver Medal**  
Sekhar Anand B.  
Mathematics and Computing



**Silver Medal**  
S. Nitish Sivaramakrishnan  
Design



**Silver Medal**  
Asim Kumar Das  
Physics



**Silver Medal**

M. Rajesh  
Chemistry



**Silver Medal**

Husney Parvez Sarwar  
Mathematics and Computing



**Dr. Shankar Dayal Sharma Gold Medal**

S. Satya Kalyan  
Mechanical Engineering

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

<b>Roll No</b>	<b>Name</b>
06010101	ABHIJEET KUMAR
06010102	ABHIMANYU KUMAR
06010103	ABHISHEK ANAND
06010104	ABHISHEK KUMAR
06010105	ALLENKI RANJITH KUMAR
06010106	AMIT LUDGAR BHENGRA
06010107	ANKIT LEKHRA
06010108	ANKUR BASUMATARY
06010109	ANURAG VERMA
06010110	ASHISH THAKUR
06010111	ASHUTOSH DWIVEDI
06010112	P. BHAVANI SHANKAR
06010113	BONELA DILEEP
06010114	CHINTHALA SHIVAKUMAR REDDY
06010116	G H SRIKANTH
06010117	G M ROHITH REDDY
06010118	GANESH KUMAR TSAVATAPALLI
06010119	GAURAV GUPTA
06010120	GAUTAM SEWANI
06010122	GUNJAN AGGARWAL
06010123	GYANENDRA SINGH BAISWAR
06010124	HARISH REDDY MALLU
06010125	HARPREET SINGH
06010126	JASMEET SINGH JAGGI
06010128	JOORMANA BRAHMA
06010129	KUNAL GALAV
06010130	MADHUSUDHAN M
06010131	MANCHEM SANDEEP
06010132	MITTAPALLY VARUN VIHARI
06010134	NEERAJ KUMAR
06010135	NITIN KUMAR GUPTA
06010136	OM PRAKASH MEENA
06010138	PRAVEEN KANAKALA
06010139	PUNEET JINDAL
06010140	PURVA GOYAL
06010141	RAJ KAMAL KUMAR
06010143	RAVULA ANIRUDH
06010144	S TARA SASANK
06010145	SANAKINI SRIKAR

06010146	SATYAJEET KUMAR
06010147	SIDDHARTH JAIN
06010148	SIDDHARTH PRAKASH SINGH
06010149	SOMDUTT SHARMA
06010150	SRINADH BABU N
06010151	VAIBHAW CHANDRAKAR
06010152	VENKATA RAVIKIRAN SASTRY P
06010153	ANURAG KUMAR NILESH
06010154	MUKUND R
06010155	NIPUN SEHRAWAT
06010156	SANJAY AHUJA
06010157	SWAGATIKA PRUSTY
05010124	RAKESH KUMAR
05010129	R. VISHALI REDDY
05010142	SUNIL KUMAR MEENA
05010146	V. RAGHAVENDER REDDY
04010108	ARJUN KUMAR
04010144	UDIT SINGH

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

<b>Roll No</b>	<b>Name</b>
06010201	ABHISHEK JAIN
06010202	AKSHAY KUMAR
06010203	AMIT KUMAR
06010205	ANIL KUMAR
06010206	ANKUR GANDHE
06010207	ANSHUL BATWARA
06010208	ARPIT GUPTA
06010209	ATUL KUMAR SANCHETI
06010212	DIVAY MANHAS
06010213	DOBBIDI ASHOK KUMAR
06010217	JITENDRA VERMA
06010218	K SANKARA SASTRY
06010219	KARAN SIKKA
06010220	KARANDEEP SINGH CHAWLA
06010222	MADHUKIRAN KORRAPATY
06010223	MAHENDRA KUMAR MEENA
06010224	MANISH KUMAR
06010227	NITESH SINHA
06010228	PANKAJ KUMAR SINGH
06010229	PRINCE KUMAR
06010230	PUKHRAJ MEENA
06010231	RAJNISH KUMAR
06010233	RAM KRISHNA
06010234	RAVI ARVIND GUPTA
06010237	SARABJOT SINGH
06010239	SAURABH CHAUDRIA
06010240	SHASHANK GOEL
06010241	SHYAM AGARWAL
06010242	SIDDHARTHA TRIVEDI
06010243	T SUJIT REDDY
06010244	TANUJ KUMAR LODHI
06010245	VAMSI KRISHNA ITHAPU
06010247	VISHAL BHOLA
06010248	VIVEK KUMAR PANDEY
06010249	AMIT GOYAL
06010250	ANANDRAM S
06010251	ANKIT SINGH
06010252	DILIP BETHANABHOTLA
06010253	RAMNIK SINGH MALHI



06010254	ROHIT KUMAR GUPTA
06010255	SHANTANU RAGHAV
06010256	SOURISH DEV MANDAL
05010219	HRIDESH KUMAR SHROTRIYA
05010232	SAI RAVI KIRAN C
05010235	SHRAWAN KUMAR
04010205	AMIT SHARMA

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

<b>Roll No</b>	<b>Name</b>
06010301	ABHISHEK KUMAR
06010302	ADARSH BIKASH SAIKIA
06010303	AJAY MALIK
06010304	AKASHDEEP SINGH VIRK
06010305	AKHILESH KUMAR
06010307	AMIT KUMAR BALODA
06010310	ARUN KUMAR NIRALA
06010312	BHANU PRATAP SINGH RANA
06010315	CHANDRAKANT TANDON
06010316	D V PHANI CHANDRA SEKHAR Y
06010317	DEBENDRA BAHADUR SINGH DHARUA
06010318	DEEPAK SHILPI
06010319	GOVIND MOHAN
06010320	GRANDHI PRADEEP KUMAR
06010321	GUTHANA SAIRAM
06010322	K PRASHANTH CHAUHAN
06010324	MAHAVEER PRASAD AGARWAL
06010327	NAVEEN KUMAR BASWAL
06010328	NAVNEET TYAGI
06010329	NISHED SINGHAL
06010330	NITIN KISHORE
06010331	PANKAJ KUMAR SANGWAN
06010332	PRABHA SHANKAR
06010333	PRADEEP SAGWAL
06010334	PRATIK SACHAN
06010335	RAGHUVARDHAN REDDY SURAM
06010336	RAKESH KUMAR
06010337	ROHIT KOOLWAL
06010338	ROHIT SINGHAL
06010339	S SATYA KALYAN
06010341	SAURABH MUNDEJA
06010342	SHALABH MALHOTRA
06010343	SHESHANK VERMA
06010344	SHIVAKUMAR S
06010345	SHYAM KISHOR SHARMA
06010346	SIDDHARTH BHATPAHARI
06010347	SIDDHARTH MEHTA
06010348	SIDDHARTHA KAMBALA
06010349	SIRUGUDI YASASWI

06010350	SUMAN KUMAR
06010351	SURESH R
06010352	SUSHANT KUMAR
06010356	NAGA VENKAT ADURTHI
06010357	PRARTHANA MAJUMDAR
06010358	PRATEEK SACHDEVA
06010359	PEEHOO DEWAN
06010360	PIYUSH ANAND
06010361	TUSHAR LILA
05010330	PANKAJ SINGH
05010335	RAHUL JAIN
05010337	RAHUL KUMAR VERMA
05010342	SAMEER PANDEY
04010328	N BHARATH REDDY

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

<b>Roll No</b>	<b>Name</b>
06010401	AAYUSH THAKUR
06010404	AJIT CHOUDHARY
06010405	AKSHAY SINGH
06010407	ANKIT BHATLA
06010408	ANKIT GARG
06010409	ANURAG UPADHYAY
06010410	ANURAN GAYALI
06010411	ASHISH KUMAR SINGH
06010412	ASHWANI KUMAR SINGH
06010413	BHARATH VELISHALA
06010414	BULBULE TRUPTI DEEPAK
06010415	C KRANTHI C REDDY
06010416	CHANDU NAMEWAR
06010417	CHETAN PHANI PARCHURI
06010418	DINESH REKULAPALLY
06010419	GANDHI DEEP DILIP CHETNA
06010420	GAURAV KUMAR JHA
06010421	HEMANT KUMAR BHASKAR
06010422	JUNNURI KARTHIK
06010423	K GOUTHAM ABHILASH
06010424	KAMAL KUMAR
06010425	KARTHIK MALLADI
06010426	KEZHIYUR ALBEN JOSE
06010429	MAYANK JAIN
06010430	MD KASHIF AHSAN
06010431	N S SHIVA PRASAD
06010432	NABA KUMAR MEDHI
06010435	PARTHA SARKAR
06010436	PRABAL PRATAP SINGH
06010437	PRABHAS RANJAN GUPTA
06010438	PRABHAT AGRAWAL
06010440	RAHUL KUMAR VERMA
06010441	RAM RANDHIR KUMAR
06010442	RAM SHANKER
06010444	RUPESH KUMAR
06010445	SALIL SHARMA
06010446	SHOBHANAND ANIL KUMAR
06010447	SHREY SULTANIA
06010449	SUJEET KUMAR MODI

06010450	SUNIL KUMAR
06010452	VARUN AGARWAL
06010453	Y NISHANTH BABU
04010419	NIDHI GUPTA

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

<b>Roll No</b>	<b>Name</b>
06010603	ABHINAV SHUKLA
06010604	ADITYA M
06010605	ANUJ KUMAR
06010607	ARVIND SHARMA
06010608	CHAMARTHI HAREESH
06010609	DEEPAK KUMAR SUMAN
06010610	DIGVIJAY SINGH
06010611	GAYATRI RAO TADINADA
06010612	K AKSHAY
06010613	K BALA GURUDUTTA SAAMRAT
06010614	K V NITIN
06010615	KORIDE SARITA
06010616	M S SUDARSAN
06010617	MANUJ MUNDRA
06010619	NIKHIL YADAV
06010620	P BHARGAVI
06010623	PEEYUSH KUMAR SINGH
06010624	S KRISHNA BINDU
06010625	SABITJO SINGH VIRK
06010626	SAUMITRA KARMAKAR
06010628	SHILPI HARISH
06010629	SIDDHARTH GUPTA
06010630	SUDHANSHU SHEKHAR
06010631	SUSHIL KUMAR SHAKYAWAR
06010632	TEJESH EATI
06010633	VIKAS GUPTA
06010634	VIKASH SISODIA
06010635	VIPIN RANGA
06010636	TITIKSHA DIKSHIT
05010614	MOHIT CHAUHAN

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

<b>Roll No</b>	<b>Name</b>
06010701	ABHINAV SHARMA
06010702	ABHINOV KUMAR
06010703	ABHISHEK KUMAR
06010704	ABHISHEK MISHRA
06010705	ADITYA PRAKASH
06010706	AJAY SAINI
06010707	AMIT KUMAR SINGH
06010709	ANSHUL JAIN
06010711	BHAGAWAT RAWAT
06010712	CHANDAN KUMAR
06010713	DEEPAK KUMAR
06010714	GAURAV
06010715	HIMANK KHULBE
06010716	KRISHNA KUMAR
06010717	LALAN KUMAR
06010719	MANISH KUMAR JAIN
06010720	MANOJ KUMAR SINGH
06010721	MOHD AKHTAR
06010722	MURAKONDA VENKATA KISHORE KUMAR
06010723	NALLA MYSURA REDDY
06010725	PANKAJ KUMAR
06010727	PIYUSH MITTAL
06010730	RAHUL VERMA
06010735	SHIVDEEP GAAGAT
06010736	SIDDHARTH GAUR
06010738	SRI CHARAN YARLAGADDA
06010739	SURYAPRATAP SINGH
06010741	VAIBHAV AGARWAL
06010742	VIKAS RAMESHCHANDRA BANJARA
06010743	SAUMYA SEN
05010716	PANDI CHETAN KRISHNA
05010726	UTPAL DAS
05010727	V. VENUGOPAL

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

<b>Roll No</b>	<b>Name</b>
06012101	ABHISHEK KUMAR
06012103	DAVE UTSAV DEEPAK
06012104	DEEPIKA SHARMA
06012105	DEEPTANSHU MANU JHA
06012107	JISHNU M
06012108	MEETH MAHARANA
06012109	MOHIT YADAV
06012110	NIKHIL KUMAR DUBEY
06012111	P ANAND KUMAR
06012112	PRATEEK SINGH
06012113	RAVI SHANKAR BHAMIDIPATI
06012117	SHIBASHISH BEHERA
06012118	SIDDHARTH MUTHUKRISHNAN



**List of students who have fulfilled the requirements for the award of BTech degree in Chemical Science and Technology**

<b>Roll No</b>	<b>Name</b>
05012202	AMEY KIRWAI
05012204	HANUMANULA MADHAV ADITYA
05012206	NEERAJ CHANDROL
05012208	RAKENDRA KUMAR MISHRA
05012209	RAVI
05012210	SATISH G
06012202	ANJISHNU SARKAR
06012203	ANUJ GUPTA
06012205	ASHISH AGRAWAL
06012206	C VIJAY GOPAL
06012209	JANMAJAY PUROHIT
06012210	LOVISH SINGLA
06012211	NEELA NIHAR
06012216	VISHNU MALPANI

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

<b>Roll No</b>	<b>Name</b>
06012301	AMIT ARYA
06012302	ANIKET BATRA
06012303	APOORV BORDIA
06012304	APOORV GUPTA
06012305	ASHISH KUMAR AMBAST
06012306	C POORNA CHANDRA
06012307	HIMANSHU BHATIA
06012309	MOHIT JALAN
06012311	PUGAONKAR ANIKET NARAYAN
06012312	SANDEEP KUMAR CHAUDHARY
06012313	SAURABH GUPTA
06012314	SEKHAR ANAND B
06012315	SOUMYA SARTHAK MISHRA
06012318	VENKATESH CHOWDARY YERRA
06012319	YOGENDRA SINGH
06012320	ABHINAV MADHOK
06012321	PANKAJ PARAG
06012322	SATYAM SHEKHAR
06012323	YAGYESH KESARWANI

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

<b>Roll No</b>	<b>Name</b>
06020501	ANAMAY JII
06020502	ASHUTOSH KUMAR UPADHYAY
06020503	BAJAJ AYUSH SURESH BAJAJ
06020504	DEVESH ANAND
06020505	DIVYANSHU BANSAL
06020506	DNYANADA PANCHBHAIYYE
06020507	GOPALAKRISHNAN VENKATESWARAN
06020508	IYER GANESH VISWANATHAN
06020509	M SANDEEP
06020511	PIYUSH JAIN
06020512	PREETI KANTHER
06020513	PRUDVIN REDDY A
06020514	PUNIT DUTT MATHUR
06020515	RAHULDEO KUMAR SINHA
06020516	ROHIT MOHAN
06020517	S NITISH SIVARAMAKRISHNAN
06020518	SAJIN KUMAR
06020521	SOURAV SARKAR
06020522	VATSAL UTTARWAR
06020523	VIKRAM CHATTERJI
06020524	VIVEK TRIPATHI

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

<b>Roll No</b>	<b>Name</b>
08212101	ALOK KUMAR SINGH
08212102	ANUP KUMAR SAHOO
08212103	ARUN MATHEW
08212104	ASIM KUMAR DAS
08212107	CHANDAN KUMAR BISHWAKARMA
08212108	DEEPAK BHAT
08212111	JITHIN RAJ. P. K
08212112	KAPIL DEV PATEL
08212114	KONARK BISHT
08212115	NAGENDER MISHRA
08212117	PABITRA MOHAN PRADHAN
08212118	PANKAJ KUMAR MISHRA
08212119	PIYALI NATH
08212121	PRITAM GANGULY
08212124	SISIR CHOWDHURY
08212126	SUDIP KUMAR DEY
08212127	SUDIP KUMAR SARKAR

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

<b>Roll No</b>	<b>Name</b>
08212201	ABHISEK RAY
08212202	ANKA BABU RAJULAPATI
08212203	ANUPA MAJUMDAR
08212204	ARGHYA BANERJEE
08212206	DEBOBRATA SHEET
08212207	GOPINATH SHIT
08212208	GORACHAND DUTTA
08212209	KOUSHIK CHATTERJEE
08212210	M. RAJESH
08212211	MADHU SUDAN MANNA
08212212	MANAS DAS
08212213	NAGAPURNIMA GUDIMELLA
08212214	NILUFA KHATUN
08212215	POKHRAJ GHOSH
08212217	RAJORSHI DAS
08212218	RAKESH MUKHERJEE
08212219	SANJEEB SUTRADHAR
08212220	SATYAPRIYA BHANDARI
08212221	SHYAM SUNDAR SAMANTA
08212222	SOMDEV BANERJEE
08212224	SRINU PAMPANA
08212225	SUBHAJIT SIKDAR
08212226	SUBRATA GUHAIT
08212227	SUBRATA JANA
08212228	SURESH BABU G
08212229	TUHIN GHOSH
08212230	V. S. BASWANATH ORUGANTI
07212210	GAURAV GUPTA

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

<b>Roll No</b>	<b>Name</b>
08212301	ADITYA GHOSH
08212303	BARUN GORAIN
08212306	GARIMA MISHRA
08212307	HUSNEY PARVEZ SARWAR
08212310	JYOTI
08212311	KALYAN MANNA
08212312	KUMARI SALONI
08212314	NITEN KUMAR SHARMA
08212315	PRIYANKA JOSHI
08212316	PUNIT SHARMA
08212318	REENA KARJEE
08212319	ROHIT SHARMA
08212322	SHYAM SUNDER IYER
08212324	SRIKUMAR PANDA
08212325	SUDIP KUMAR
08212326	SUMANA HATUI
08212328	PAL UMESH ANILKUMAR
08212329	VEERENDRA MADDIPATLA
08212330	VISHAL GUPTA
07212304	AMIT BRAHAHA
07212305	AMIT GAUR
07212308	ARUN KUMAR
07212311	CHANDRA SHEKHAR NISHAD
07212313	GHANSHYAM PRASAD
07212317	KAMALAKAR RAMESH SURWADE
07212323	SAUD AHMAD
07212324	SUDIPTA PURKAIT
06212320	RAJESH S

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
N. Sandeep Kumar	07410101	Push Based Middleware for Database Updates in Service Oriented Architecture
Nishant Mishra	07410105	Context Aware Mobile Ad-hoc Services
Sudipta Samanta	07410111	On Line Call Admission in All-optical Network on Grid Topology
Sunil Kr Kushwaha	07410114	An Efficient Service Discovery & Selection Method for MANETs using Cross Layer Approach
Kundu Saikat Debiprasad	07410115	A Cluster Based Data Sharing Scheme for Mobile Ad Hoc Networks
Rajat Kumar Gupta	07410116	A Fast Handoff Mechanism for IEEE 802.11 Networks
Umbare Chaitanya Pandurang	07410117	An Efficient Channel Assignment and Routing in Wireless Mesh Networks
Ahinave Prabhakar Maruti	07410118	Link Grammar based Semantic Annotation of Documents
Patel Alpeshkumar Prahladbhai	07410119	Exploring use of NoC for Reconfigurable Video Coding
Balbir Kumar	07410120	BSP Tree for Orthogonal Cubes
Rejoy V.M.	07410122	An Area Efficient technology Mapping Algorithm for FPGA
Punnoose .A.K	07410124	Speaker Adaptation using MAP and MLLR Approaches
Dh. Sreenivasa Rao	07410125	Energy Efficient Routing Protocol for Wireless Sensor and Actor Networks
VB Krushna Beesetti	07410126	Handling Hotspot Modules in Network on Chip
Gaurav Makhon Baruah	07410127	Exploring Contexts for Relevant Search Results
Dhananjay Uday Kotwal	07410128	Seamless QoS Aware Handoff between IEEE802.11 and GSM Networks
Vijaya Katturi	07410130	Fast MAC Vertical Handoffs Between 802.11 and 802.16 with Dual Mode Dual radios
Praveen Moparthy	07410131	Formal Analysis of Simulink/Stateflow Models
Battula Ramesh Babu	07410134	A Hybrid Routing Protocol for Wireless Mesh Network
Anupam Singh	07410135	An Optimal Approach for Features Detection and Facial Expression Recognition using Fast ICA and Bacterial Foraging Technique

Prabal Kumar	07410136	Optimization Vector Quantization Based on Trelis-Coded and Multistage Approaches
Mohit Srivastava	07410137	Deletion of Objects in Unstructured Peer to Peer Storage Systems
Abhishek Srivastava	07410138	An External Memory Algorithm to Compute the Longest Common Subsequence of Two given Strings
Alok Misra	07410139	Design of a Financial Management Systems of IIT Guwahati



**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**

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Rajib Chakrabarty	06410121	Study and Implementation of User Migration in Computer Grids
Shobhit Agarwal	07410102	A Multi Factor Security Protocol for Automatic Teller Machine
Sajeesh .K	07410104	An Authenticated Encryption Based Security Framework for NoC Architectures
Prakash Verma	07410106	An Improved Approach to Ensure Authenticity and Integrity of Accesses in Outsourced Databases
Tarun Kochar	07410107	A Single Chip Implementation of AES Cipher and Whirlpool Hash Function
Ramanuj Chouksey	07410112	Formal Verification of Access Control Policies
Piyush Singhai	07410113	ECDLP Based Proxy Multi Signature Scheme
Maneesh Chandra Soni	07410121	Security of VOIP Networks
Abadhan Saumya Sabyasachi	07410129	A Provably Secure Threshold Proxy Signature Scheme from Bilinear-Pairing
Rachuri Sreedhar	07410132	False Alarm Reduction in SNORT using Network Vulnerability Information.
Kunal Gupta	07410140	Mobile Agent Systems: Agent Security in Hostile Network

**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**

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Salil Kashyap	07410201	New Steganalysis Methods for Images and Video
Sayantan Hazra	07410202	Development of Efficient Modulation Techniques for Navigation Satellite Systems
Akshaya Mittal	07410205	Channel Modeling for Macrocell Environments and Mobile-to-mobile Communication
Hisham. C	07410207	Area_Efficient Architecture for Motion Estimation and Compensation in H.264/AVC Video Encoder
P. Praveen Kumar	07410208	Biometric Authentication: Principles of Template Protection and Gabor Filter Based Feature Extraction
Naga Sricharan Parakala	07410209	Permutation Vector Quantizer for Distribution Video Coding Applications
Krishnaiah T	07410210	A Gradient Based Adaptive Equalization Scheme for MIMO Sytems
V.S.S.Vara Prasad Ramoju	07410211	Multimodal Biometric Person Authentication using Handwriting, Face, Speech and Signature Features
Chinni Narasimha Rao	07410212	FPGA Implementation of Inner-Receiver Blocks of DVB-T Receiver
Dharmendra Dixit	07410213	Performance Analysis of GSC and MRC Receivers in Rayleigh, k- $\mu$ , and n- $\mu$ Fading Channels
Navin Agarwal	07410214	Channel Modeling for Ultra Wideband Communication
Kishor Chandra	07410217	Shaping Better Than Raised Cosine Pulse for Ultra Wideband Communications
Komal	07410219	Hand Gesture Recognition using Neural Networks
Anirudh Sharma	07410220	Robust Algorithm for Tracking of Incoming Ballistic Missile
Amadala Gopinath	07410221	FPAAs Based Automatic Tuning of Industrial Controllers
D. John Pradeep	07410223	COM Parameter Extraction of UDTs suitable for nano-stepping motor applications
Anup Kumar Mandpura	07410224	A Group Separation Hybrid ICA Technique for fMRI Data Analysis
Revanth Babu Chalamcharla	07410227	Visual Cryptography with Fingerprinting
Navanit Palrecha	07410228	Tracking of Objects in Dynamic Background

Uppala Naveen Reddy	07410232	Study of Discriminative Normalization Techniques in Automatic Speech recognition
Rajib Jana	07410233	Antenna Design for Ultra Wideband Communication Applications
Venkateswararao Kagita	07410234	Speech-Interactive Email System Using Keyword Spotting
Venkata Lakshmana Rao B	07410235	Design and Analysis of H.264 Video Encryption Schemes for Real Time Video Applications
G. Naveen Reddy	07410238	Performance Evaluation of BPSK and $\pi/2$ -Shift BPSK in the presence of VLF Impulse Noise
Hemanth G	07410239	Neutralization of Trapping Sets in LDPC Decoding
Sapta Girish Babu	07410242	Transceiver Structure for Multi-State Integer-Cycle Signalling Scheme and Its Performance Evaluation
K. Kishore	07410243	Development of Efficient Channel Coding Techniques for Navigation Satellite Systems
Haris B. C.	07410244	Improved PAPR for Single carrier-FDMA based Systems
Santu Sardar	08410223	Tank Bottom Imaging Using Impulse Radar
T. Siva Bhaskar Reddy	08410232	Performance of Diversity Communication receivers over Composite and Non-homogenous Fading Channels
Saket Verma	08410236	Diversity Based Microwave Imaging

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Avi Chandra Y	07410229	An Open Source EDA Tool:EQU-IITG, Formal Equivalence Checker
Rajeev Pankaj Nelapati	07410230	A Study of FIR Filter Architectures and Digital Audio Equalizer
S Satheesh Kumar	07410231	FPGA Implementation of Transform and Quantization Blocks of H.264 Video Encoder
Meer Mudassar Imam Yahya	07410236	Fractional-N Frequency Synthesizer Design for RF Applications
S. Venkatesh	07410240	Systematic Design of Operational Amplifiers Using CMOS 0.18 $\mu\text{m}$ Devices Operating in Strong and Moderate Inversion

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Dhruba Jyoti Bordoloi	06410312	Design, Fabrication & Testing of Electromagnetic Bearings
Kaustubh Acharyya	06410320	Effect of Additives on the Bond Strength of Araldite Adhesive
Rajasekhar T	07410301	Finite Element Analysis of Smart FGM Structures
Jogdand Pradip Vilasrao	07410302	A New Method for Determination of the Mixed-Mode Stress Intensity Factors and T-Stresses
Anand Kumar Verma	07410304	Experimental Study and Simulation of Extrusion Process
G. Venkatesh	07410305	Determination of Strain Gage Locations for accurate measurement of opening mode stress
Parimi Anil Kumar	07410306	Experimental Investigation of Serve Plastic Deformation using Multiple Channel die compression method for the production of bulk nano-structured materials
Sandip Rudha Budhe	07410307	Experimental Study on Effect of Surface Roughness on Adhesive Bond Strength
Tanguturi Chandana	07410308	Cohesive Finite Element Method for Analysis of Delamination in Laminated Composites
Hari Prasad Chintha	07410309	Analysis of Split type angular Contact Ball Bearings
Sri Harsha Mundluri	07410310	Finite element analysis of smart FRP laminated shell structures
Vikram Pavuluri	07410311	Transient analysis of a rotor with a breathing crack
Ramesh Babu Vemuluri	07410312	Stability Analysis of Rotor Mounted on Multilobe Bearings
Abhishek Trimbak Dhumal	07410313	An Expert System to Predict the Tensile and deep drawing behavior of tailor welded blanks
Dhutekar Shailesh Srinivasrao	07410314	A Parametric Study of Cold Rolling Mill Vibrations
Dada Saheb Ramteke	07410315	Unbalance Response of Rotor Mounted on Multilobe Bearings
Siva Krishna Kolluri	07410316	An expert system to predict the forming limit of tailor welded blanks
Sonu Paroche	07410317	Comparison of the Finite Element based Mixed Mode Fatigue Crack Growth Simulations
Srinivasa Naik Bhukya	07410318	Predicting the forming limit .....and experimental validation



Varun Karthik S	08410314	Design and Performance Analysis of Stress Wave Force Balances for High Speed Aerospace Applications
Khilawan Singh	08410316	Virtualization of Mechanical Vibration Experiments for the Internet Based Remote Laboratory
Amit Kumar Haldar	08410317	Damage Tolerance of analysis of Composites material
Neesu Vikram Manoj Kumar	08410318	Design and Development and Performance of Self Lubricating Cutting Tool Materials

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Rituraj Saikia	05410342	Development of a performance investigation test facility for metal hydride based heat storage system
Atul Bhattad	07410319	Experimental investigation to study the effect of horizontal inclination on liquid sloshing in a rectangular tank
Sachin Sudhakar Thakre	07410320	CFD Investigation to Study Thermal-hydraulic behavior of supercritical water flowing through 7 Pin fuel rod Bundle
Nanduri Anil	07410321	Numerical Study of Hypersonic Shock Interactions
Pavan Kr. Konathala	07410322	Inverse Determination of Applied Heat Flux and Maximum Temperature Developed during Laser Forming Process
Tirakala Jithendra	07410324	Stability Analysis of Hypersonic Boundary Layers in Single and Two Phase Fluid Flows
Kawale Bharat Harishchandra	07410325	Development of Heat Transfer Models for Predicting Transient Heating Rates from temperature History
Sathi Rajesh Reddy	07410326	Development of porous radiant burner for domestic applications
Chavan Sandip Dinakar	07410327	CFD Simulation of Honey-comb & Screens for Turbulence Management
Vipul More	07410328	Computational Study of Axial Flow Fans with Forward and Backward Skewed Blades
Devendra Singh Dandotiya	07410329	Performance Evaluation of a Natural Convection Grain Dryer
Ravi Kumar Peetala	07410331	Transient Surface Heating Measurement from Temperature History
Damodara Rao Maganti	07410344	A Geometry Independent 2D Compressible Flow Solver The Works for Very Low to Very High Mach Numbers
Gangadharakirankumar L	07410345	Heat and Mass transfer studies in Metal Hydride based thermal Energy Storage Systems
Kishore Singh Patel	07410346	Computational study on single and multistage metal hydride based hydrogen compressor
Padmalochan Prusty	07410347	Simulation of Combustion in a Producer Gas Dual Fuel Diesel Engine
Ramendra Kumar Mech	07410349	Computational study of a 50k W circulating fluidized bed biomass gasifier

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

<b>Name</b>	<b>Roll No.</b>	<b>Project Title</b>
Nagarjuna Reddy Yadavakuntla	08410334	Performance Analysis of Transpiration Cooling Technique in Hypersonic Applications
Girish Oppattaiyamath	08410340	Conjugate Heat Transfer Analysis in Hypersonic Applications
Satya Pramod Jammy	08410342	Characterization of Scramjet Engines
Amol S. Chaudhari	08410343	Modeling and Simulation of a Brayton Cycle Cogeneration Plant Using Biomass as a source



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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Mane Umesh Pandurang	07410335	Exploration of New Methods for accessing withering level during black tea manufacturing
Basireddy Sandeep Reddy	07410336	Dynamics and Control of Pneumatically Actuated Robot Arm
Ajay Kr. Kochiri	07410338	Robot Path Planning using Genetic Algorithm
Chanumolu Raviteja	07410339	Dynamic Analysis of Micromanipulators

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Mani Mohan	07410401	Element Free Galerkin (EFG) Implementation for Axial Bar, Shear deformable beam and Plane Stress Problem
T. Madhu Sudhan Reddy	07410402	Finite Element Modeling of Indian Plate and Determination of Site Coefficients of Imphal City
Amaranadha Reddy V	07410403	Estimation of Fatigue Life of Orthotropic Bridge Deck Using Linear Fracture Mechanics Approach
Girinath M	07410404	Hinge by Analysis of Planar Steel Frames
Sivapradeepreddy Poreddy	07410405	Performance Evaluation of Concrete Made with Binary and Ternary Blends
P. Polu Raju	07410406	Strengthening of Beam-Column Joint Using FRP
S. Sreenivasula Reddy	07410407	Studies on Size Effect of Beam-Column Join Subjected to Cyclic Loading Using Finite Element Modeling
Mayaluri Rajesh Reddy	07410408	Effect of Topography on Earthquake Ground Motion
Kamble Sudarshan Shivajirao	07410409	Performance Appraisal of Concrete made with OPC & PPC
Thainswemong Choudhury	07410411	Evaluation of a Simple Strengthening Scheme for Unreinforced Masonry Buildings
Sarika V.R.K.N. Sonia	07410412	Effect of Fly Ash and Silica Fume on Strength and Durability Aspects of Concrete
Aurelia S. Sangma	07410413	Vulnerability Assessment of Conventional RC Building and Base Isolated Building using Fragility Curves
Sanjib Kumar Bhattacharya	07410414	Strengthening of Existing Open Ground Storey reinforced Concrete Buildings
Abhinav Kumar	08410458	A Numerical Study of Plastic Cell Filled Concrete Block Pavement

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Jarugula Vijaya Lakshmi	07410430	Estimation of Scour Depth around Bridge Piers
Anand Reddy K	07410432	Transport of Organic Compounds through Saturated porous Media
Patamsetty Gangadhar	07410433	Hydrodynamic Simulation of Unsteady Dam Break Flows
Chandrashekar ayya Hiremath	07410434	Risk Analysis of River Bank Protection Structure for a Large Alluvial River Bend
Y. Ram Prasad	07410436	Bank Erosion Prediction in an Alluvial River Bend
Pamarthi Jhansi Lakshmi	07410438	Optimal Hourly Reservoir Operating Policy using Genetic Algorithm
Katkar Mayur Madhukar	07410439	GIS Based Geomorphological Study of River Brahmaputra, Assam

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Vinot .V	07410422	Geotechnical Reuse of shredded scrap tyres to reinforce soils
Sakhare Pravin Vijaykumar	07410424	Behaviour of Reinforced Unpaved Road Subbase Under Cyclic Loading
Jagabandhu Dixit	07410425	Seismic Site Coefficients for Guwahati City
Chanchal Kumar Das	07410428	A Study on the influence of multiple contaminants on Sorption behavior of locally available soil
Chirajyoti Doley	07410429	Some Studies on behavior of Piles-supported raft foundations

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Ashok Chunchu	07410444	Removal of Phosphate Ions from Aqueous Solution by using Cacinated Fe-Mg coated silica gel Adsorbent
Harikrishna Bala	07410448	Performance Monitoring and Design Assessment of Facultative Lagoon-Polishing Pond System of Domestic Wastewater Treatment –A case Study.
Dharnaik Amit Shivputra	07410449	Removal of Hexavalent Chromium [Cr(VI)] from Contaminated Soil by Earthworm and Contaminated water by Electrochemical Ion Exchange (EIX) process
Gaurav Kumar Kore	07410450	Sequential Chemical Reduction using Steel Wool and Aerobic Biodegradation for Removal of Methyl Red Azo Dye fro Wastewater
Nzanthung Ngullie	07410452	Feasibility Study of Electrochemical Ion Exchange (EIX) process on Arsenic Removal
Bakul Debbarma	07410453	Hydrochemical Evaluation of Groundwater Quality in a part of Agartala City, Tripura
Ankababu Manchikalapati	07410456	Response of Aerobic Sludge Biomass under Non-Continuous Aeration

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
S. Sreenivasulu	07410415	A Goal Oriented Method for Urban Transport Strategy Development for Indian Metropolitan Areas
Bhim Prasad Dhakal	07410416	Finite Element Modelling of Plastic Cell Filled Concrete Block Pavement
Dibyendu Pal	07410418	Analysis of the effect of gap maintaining behavior on traffic flow models
Ashoka Kumar Jali	07410419	A Laboratory Investigation on the suitability of Assam and Meghalaya Aggregates for Microsurfacing
Satish Kumar Jha	07410455	Study of Acceleration Noise Behavior in Indian Traffic Conditions

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Shashank Garg	08410609	Development of a Structural database of Anticancerous Flavonoids
Sahil Batra	08410610	Stochastic Simulation of B-Cell Receptor Kinetics
Bapatla Sumithra	08410612	Preparation and Characterization of Encapsulated Curcumin Nanoparticles for Drug Delivery
Autar Sivasankar	08410613	Decolourization of Synthetic Wastewater Containing azo Dyes by Phanerochaete Chrysosporium in a Continuously operated rotating biological contactor reactor
Banda Praveen Kumar	08410614	Effects of Heavy Metals on Plants
Lingaraj. R	08410615	Studies on an Arabidopsis RNA binding Protein – A partner for npcRNA in regulating developmental plasticity in plants
Ritesh Subhashrao Bankar	08410616	Characterization of Protease Producing Bacteria from Soil



**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**

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Yezaz Ahmed G.M.	07410703	CFD Simulation of Shear Induced Particle Migration
Kaberi Kakati	07410707	Properties of Polypropylene/Clay Nanocomposites prepared by Melt Intercalation Technique
G. Sunil Madhusudhan Reddy	07410709	Adsorption and Coalescence In Mixed Surfactant Systems: Water-Hydrocarbon Interface
Venkata Appaji Posina	07410710	Study on Bipolar Plate for Polymer Electrolyte Membrane Fuel Cell
K. Suresh	07410711	Physical Insight into Sonochemical Copolymerization of Butyl Acrylate and Methyl Methacrylate
Ch. Gouri Shankar	07410712	Measurement and Analysis of adsorption Equilibrium and Kinetics of C1-C6 Hydrocarbons on Activated carbon
Girivasu Pavuluri	07410714	Synthesis and Development of Gel Based Iron Catalyst for Direct Coal Liquefaction
Rupesh Singh	07410715	Development of Hybrid Nafion Membrane for Direct Alcohol Fuel Cell
Mannava Ashok	07410716	Measurement and Analysis of adsorption Equilibrium and Kinetics of C1-C6 Hydrocarbons on Silicage]
Subrata Mondal	07410717	Synthesis of Polymeric Membrane for Acid Gas Purification and Its Characterization
Suryanarayana .G	07410718	Adsorption and Coalescence in Mixed Surfactant Systems: Air-Water Interface
Venkata Swamy Nalajala	07410719	Mechanistic Studies in Sonocrystallization
G. Sangeetha Rani	07410720	Fabrication and Characterization of Sulfonated Poly(ether ether ketone) Based Composite membranes with Zirconium Titanium Phosphate for Direct Methanol Fuel Cell
Ameerbasha Shaik	07410722	Removal of Mercury from Wastewater using Liquid Membrane
Vijay Singh	07410723	Ultrafiltration of Oily Wastewater
Kondapalli Srividya	07410725	Biosorption of Cr(VI) from aqueous solutions by Catla catla scales: Equilibrium, Kinetics and Thermodynamic Studies
A. Ananth Praveen Kumar	07410726	Desulphurization and Denitrification of Diesel Oil Using Ionic Liquids: Quantum Chemical Prediction and Experimentation



Bipul Das	07410727	Microfiltration of Orange Juice using Low Cost Ceramic Membrane
Kishor Warthi	07410728	Interfacial Area Concentration in an Ejector Induced Downflow Bubble Column
Dasari Anjali	07410729	Extraction of Stevioside from Stevia using membrane Separation Technology
Vinod Kumar	07410730	A Multistage Approach for Dynamic Real-time Optimization under Uncertainties
Kamala Balaji	07410731	Solubility of CO <sub>2</sub> into Aqueous Solution of Sterically Hindered Amines
Raj Roshan Dhruw	08410715	Study on Vinyl Ester Based Composite Bipolar Plate for Polymer Electrolyte Membrane Fuel Cell
Santhi Raju Pilli	08410729	Biosorption of Cr(VI) by Hydrilla Verticillata: Batch and Column Studies

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

<b>Name</b>	<b>Roll No</b>	<b>Project Title</b>
Deepak Kumar	07420511	Signage System for IIT Guwahati
Praveesh K.M.	08420501	Ela Neer
Sarvesh Kumar Agarwal	08420502	Solar Water Purifier
Chaturmutha Ketan Madan	08420503	Altimate Progear
Joshi Shantanu Shashank	08420504	Windliner – EVO 1
Tanima Das	08420505	Draining into Bramhaputra
Shashank Shekhar	08420506	Flamino
Pravin Kumar	08420508	Bubble World "Virtual Learning Environment"
Abhinav Mathur	08420509	Sound and Form
Abhishek Singh	08420510	Echelon
Menuolhoulie Kire	08420511	Kraf Temporary
Shamil Haja T. S.	08420512	IMO
Kiran. G	08420513	Geo Light
Manoj Kumar M	08420514	Recharging Electric Vehicle
Shirbhate Rahul Ashok	08420516	Next Wheel
Rahul Mandody	08420517	Sound Scape

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

Name	Thesis Title
<b>Biotechnology</b>	
Biswa Ranjan Meher	Computational investigation of HIV-1 protease dynamics by comparing the effects of mutation, force fields and pressure
Biswanath Mahanty	Studies on Biodegradation of Pyrene by <i>Mycobacterium Frederiksborgense</i>
Abhishek Sahu	Development of Polymeric Nanocarriers for Drug Delivery to Cancer Cells
M. Venkata Satish Kumar	Some Investigations on Protein Structure, Function and Dynamics in Disordered States and Non-ideal conditions
<b>Chemical Engineering</b>	
Debasis Ghosh	Removal of Fluoride, Iron and Arsenic from Drinking Water using a Combination of Electrocoagulation and Microfiltration
Pradip Chowdhury	Gas Adsorption on Cu-BTC and Cr-BDC Metal Organic Frameworks (MOFs)
Mehabub Rahaman	Nitration of Nitrobenzene at High-Concentrations of Sulfuric Acid
Barun Kumar Nandi	Preparation and Characterization of Low Cost Ceramic Composite Membranes for Microfiltration and Ultrafiltration Applications
Kabita Chakrabarty	Liquid Membrane Based Technology for Removal of Pollutants from Wastewater
<b>Chemistry</b>	
Rik Rani Koner	Synthesis and Characterization of Chiral Cu(II) and Ni(II) Complexes of Amino Acid Derived Ligands and Aniline Based Polymers with Functional Group
Avijit Pramanik	Molecular Recognition and Coordination Chemistry of Mixed Donor Ligands

Suribabu Jammi	Copper Catalyzed C-C,C-N and C-S Bond Formations and Synthesis of Chiral 1, 2-Diamine Based Main Chain Polymers
Siva Murru	Newer Strategies for the Synthesis of Five and Six Membered Heterocycles Containing N, O and S
Saitanya Kumar Bharadwaj	Synthesis, Structural Evaluation and Studies of Reactivity of Heteroperoxovanadates (V) And Development of Solid Acid Catalysts for Organic Transformations
Anirban Karmakar	A study on aromatic carboxylic acids as ligands and receptors
A. Murugadoss	Functional Au and Ag Nanoparticles in Polymer Composites and Molecular Assemblies
Amardeep	Synthesis, Spectral and Reactivity Studies of Ruthenium Complexes with 2,6-bis(benzimidazol-2-yl) Pyridine
Tasneem Parvin	Development of New Synthetic Methodologies Leading to $\beta$ -Amino Carbonyl Compounds: Some Aspects of Multicomponent Reactions

### **Computer Science and Engineering**

Alka	Efficient Algorithms and Data Structures for Massive Data Sets
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### **Design**

Jyoti Kumar	Comparative Study of Users' Experiential Data Collection Techniques for Human Computer Interaction Design in Cross Cultural Settings
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### **Electronics and Communication Engineering**

Mrinal Buragohain	Adaptive Network Based Fuzzy Inference System (ANFIS) as a Tool for System Identification with Special Emphasis on Training Data Minimization
Babu Sena Paul	Modelling of Multi-antenna Wireless Channels and Relay Based Communication Systems
Genemala Haobijam	Optimization of Planar Spiral Inductor and Design of Multilayer Pyramidal Inductor for Silicon Radio Frequency Integrated Circuits

M. Sabarimalai Manikandan	Cardiovascular Signal Compression Using a New Wavelet Energy Based Diagnostic Distortion Measure
Ahmad Ali	Controller Design Methods for Linear Systems with Emphasis on Integrating Processes
H. S. Jayanna	Limited Data Speaker Recognition

### **Humanities and Social Sciences**

Abhigyan Prasad	Collapsing Boundaries: Narrative Strategies in the Fiction of Amitav Ghosh
Daisy Das	Quality of Life and Environment : A Case Study of Guwahati
Sonia Nongmaithem	Organizational Learning and Leadership: Moderating Effect of Organizational Culture

### **Mathematics**

Madhusmita Tripathy	On the Convergence of H1 -Galerkin Mixed Finite Element Method for Parabolic Problems
Rajendra Kumar Ray	Some New Directions in HOC Methodology : Tackling Circular Geometries
Rajesh Pratap Singh	Permutation Polynomials and Their Applications in Cryptography
Akhilesh Kumar	Analytical Study on Solute Transport in Streams with Transient Storage and Hyporheic Zones
Kaushik Mukherjee	Upwind Based Numerical Methods for Time-Dependent Singularly Perturbed Problems with Boundary and Interior Layers
Smrutiranjana Mohapatra	Water Wave Scattering by a Spherical Structure and an Undulating Bottom Topography in a Two-Layer Fluid
Jugal Mohapatra	Parameter-Uniform Numerical Methods for Singularly Perturbed Convection-Diffusion Boundary-Value Problems Using Adaptive Grid
Rupam Barman	Iwasawa Invariants of Elliptic Curves and p-adic Measures

## **Mechanical Engineering**

Deba Kumar Sarma	Experimental Study, Neural Network Modelling and Optimization of Environment-Friendly Air-Cooled and Dry Turning Processes
Tarapada Roy	Finite Element Based Design and Optimal Vibration Control of Smart Fiber Reinforced Composite Shell Structures Using Genetic Algorithm
Jagu Srinivasa Rao	Design Optimization of Active Magnetic Thrust Bearing Systems Using Multi-Objective Genetic Algorithms
Vijaya Kumar Pantangi	Development and Performance Analysis of Porous Radiant Burners for Cooking Applications
Lakshmanan S.P.	Investigations on Startup Instabilities and Power Ramping Procedures for Natural Circulation Boiling Systems
P. Pandithevan	Subject Specific Design and Analysis for Fabrication of Human Femoral Scaffold
Ranjan Das	Retrieval of Parameters in Heat Transfer Problems Involving Thermal Radiation

## **Physics**

Amal Medhi	Role of interlayer couplings in bilayer superconductors: A variational Monte Carlo study
Rajendra Kumar Singh	Investigations on Selected Bioactive Glasses and Glass-Ceramics Containing Iron Oxide
Debabrata Mishra	Magnetic Properties of Co and Mn Substituted Fe-Zr-B Alloys Prepared by Melt Spinning and Mechanical Alloying Processes

## **Centre for Energy**

Gouri Sankar Paul	Synthesis and Studies of II-VI and IV-VI Nanostructured Compound Semiconductors and Some Conjugated Polymers
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