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Prof. R. Sankararamakrishan

Biological Science & Bio-engineering

**Prof. Nishith Verma** 

**Chemical Engineering** 

Prof. V. K. Gupta

Civil Engineering

**Prof. Harish Karnick** 

Computer Science & Engineering

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**Electrical Engineering** 

Prof. Jayanta Chatterjee

Industrial & Management Engineering

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Materials Science & Engineering

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Mechanical Engineering

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**Humanities & Social Sciences** 

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Management

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Photonics Science and Engineering Programme

Prof. B. Bhattacharyaa

Design

Prof. Kamal K. Kar

Materials Science

Prof. P. M. Dixit

Nuclear Engineering & Technology

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Convener, Senate Educational Policy Committee

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Mechanical Engineering

Chairman, Senate Library Committee

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Chairman, Senate Post-Graduate

Committee

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Materials Science & Engineering

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Civil Engineering

Chairman, Senate Scholarships & Prizes Committee

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Mathematics & Statistics

Chairman, Senate Under-Graduate

Committee

Prof. A. K. Ghosh

Aerospace Engineering

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Committee

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Biological Science & Bio-engineering

Chairman, Senate Nominations

Committee

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Chairman, Senate Honorary Degree Committee

## दीक्षान्तोपदेशः

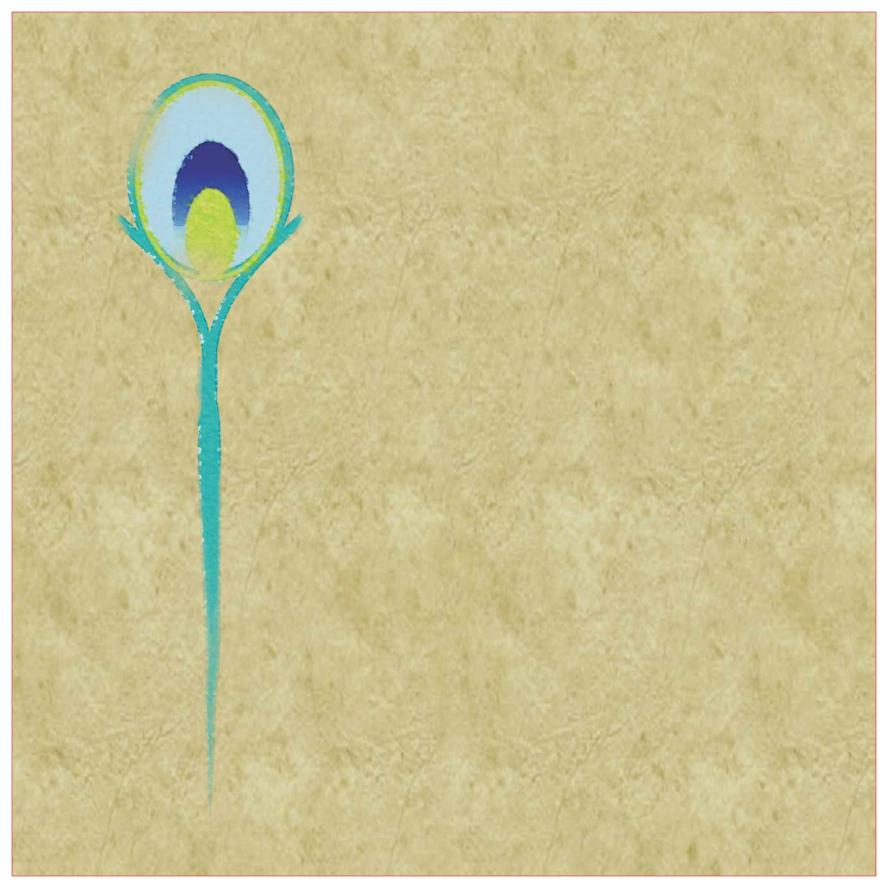
संस्मरन्तु भवन्तः भवदीयमिदं ज्ञानविज्ञानं राष्ट्रस्य पवित्रतमो निधिः। तस्माद् अस्योपयोगः स्वदेशस्य स्विशक्षणसंस्थानस्य च गौरवानुरूपं सम्यग् विद्यातण्यः। कस्यामिप दशायां भविद्धः स्वकीया व्यावसायिकी मर्यादा, चारित्रिकी महत्ता च सयत्नं संरक्षणीये। मनसा, वाचा, कर्मणा च सर्वथा लोक कल्याणाय प्रयत्नीयम्। अनुशासनिप्रयैः सदा भाव्यम्। स्मर्यताञ्च श्रुतेर्वचनम्

''यानि अनवद्यानि कर्माणि तानि सेवितव्यानि नो इतराणि।''

Remember that your knowledge and intellectual attainment is the most sacred wealth of the nation. You shall therefore, use it in a manner befitting the honour and dignity of your country and of your alma mater. You shall make every effort, in all circumstances, to uphold the dignity of your profession and integrity of your character. You shall endeavour, in every way, through thought, word and action, to bring about the well-being of people. You must live a well-disciplined life. Never forget the commandment of the sacred scriptures:

"Thou shalt perform deeds that are commendable and no others."

**The Graduating Batch** 2013



## **BACHELOR OF TECHNOLOGY**

#### **Aerospace Engineering**

Mudit Nigam Rahul Kumar Shailendra Kumar Singh Shiv Prakash Singh Abhijeet Meena

Abhishek Anand

Ajinkya Subhash Desai

Apoorv Agarwal Ayush Bhuyan Gitesh Dawer

Karan Bharat Bagadiya

Mridul Mishra

Pranav Kumar Anshu

# Biological Science & Bio-engineering

Saicharan Bandaru Alok Kumar Shukla

Ankita Asai Anuj Gupta

Ashish Kumar Paswan

Avani Garg

Balasankula Divija Rao Debosmita Chaudhuri

Duvvi Venkata Rama Krishna

Jithin Babu K K Jyoti Gupta Karthikeyan M Naincy Pandey

Niharika Dinesh Khare

Pallavi Kilania

Pankaj Kumar

Raghav Gaur Rahul Mittal Ruhi Dang Saket Airan

Sambit Mishra

Shivanshu Singla Sneha Agarwal

Sonal Kumari

## **Chemical Engineering**

Abhishek Puranik Saurabh Tewari Devesh Garg

Joy Bhattacharjee Puneet Kujur

Shashank Tripathi

Shikhar Sharma Sulabh Boudh

Yashwant Kumar

Aamir Zubair Amit Kumar

Ankesh Kumar Singh

Ankit Arya Ankit Kaushik Ankur Agrawal Arshpreet Singh Ashish Khandelwal

Bhavesh Mittal Gaurav Katiyar

Gurrapu Anuroop Sidhartha

Kunwar Vikram Singh

Lavanya

Nidhi Rajwania

Nitin Agarwal

Prabhat Verma Pranial Saxena

Pratik Chaplot

Rahul Gupta Raju Mishra

Rishav Jain

Saurabh Acharya

Shagun Jain

Shailendra Singh Mandloi

Sharique Islam

Shashank

Shubham Agrawal

Shubham Mishra

Smriti Agrawal Sumit Verma

Sunil

Swati Kumari

Vaibhav Singhal

## **Civil Engineering**

Ayush Kriti Laxmi Kant

M Sandeep Raj Saurabh Yadav A Bala Krishna

Amrit Meena Ayush Meena

Chataraju Vinay
Dilip Singh Verma

Anupam Meena

Praveen Agrawal
Abhinav Goel

Abhishek Bhatia

Abhishek Saraf

Ajeet Kumar Shah

Akash Agrawal

Akash Gupta Aman Jaiswal

Amit Kumar

Amit Kumar Dhankhar

Amit Saxena

Anand Agrawal

Anurag Singh

Arpit Srivastava

Atul Kumar

Chandan Kumar

Deepak Rawat

Deepak Singh Meena

Himanshu Gupta

K Pranay Kumar

Karnekota Rahul Raj

Konanki Sivaram

Kuldeep Singh Walia

Madhav Goswami

Nandyala Niranjan Yadav

Naveen Goel

Nikhil Bugalia

Nilesh Singh

Rahil Sheikh

Rahul Gupta

Raja Biswas

Rajarshi Shah

Rohit Kumar

Raunak Goyal

Sakshi Goyal

Saurabh Kumar Duvesh

Shubham Baheti

Soumitra Narain Pathak

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## **BACHELOR OF TECHNOLOGY**

Sulabh Gupta Suresh Meena

Sushant Mani Tripathi

Tanmay Sah Ujjwala S Avinaw Vaibhay Fouzdar Vaibhay Jain Vidit Jhindal Vikas Poonia Vinod Kumar

Vishvas Meena

## **Computer Science & Engineering**

Abhishek Verma Vikas Munda Abhishek Kumar Ajay Kumar Meena Amit Veerawal

Dharmasoth Naresh Naik Himanshu Chandra

Kamal Nayan Goyal

Rayachoty Sabharish Kumar

Aishwarya Kumar Akshay Jain Anuja Ranjan

Anurag Kumar Singh

Archit Bansal Atul Agarwal

Avinash Prem Kumar Koyya

Bhavya Juneja Chandra Prakash Desai Aditya Pradip Dipendra Kumar Misra

Diwakar Chauhan Himanshu Agarwal

Jambhulkar Kaustubh Nanaji

Javant Sharma Kritika Singh Mayank Dang Mayank Kumar Mukul Singh

Nehchal Jindal

Nayak Guruprasad Devappa

Rohan Jingar Rohit Kumar Shashank Sonkar Shubham Toshniwal Shubham Tulsiani Shyam Upadhyay Siddharth Gaur Sutanu Gayen Vimal Sharma Yuvraj Dhillon Kapil Garg

## **Electrical Engineering**

K Mithun Kumar Yadav Omprakash Meena Sunil Meena Alok Bansal Malineni Maurya Deepak Vatsa Lalit Kumar Lavish Arora Nishant Singh Pawan Tigga

Rohit Singh

Sarella Bannu Kishore Sovan Kumar Nayak Abhilash Kumar Goyal Abhimanyu Singh Abhishek Anand

Aman Gupta Amit Kumar Ankit Agrawal Anuj Gargava

Arpit Indora Ashesh Anand Ashish Dewaker Ashish Kumar

Ashok Kumar Meena

Astik Gupta Chirag Gupta

Deepak Kumar Meena Dheeraj Sachan

Divyank Mittal

Firake Ashutosh Yuvraj

G Prashanth Ganesh Pitchiah Gauray Gupta

Gunta Sharan Kumar

Kapil Singh Koustav Dey Kumar Kislay Kumar Ritikesh Kundan Kanwaria Lokendra Surya Manish Kumar Manoj Kumar Pandey Mayank Bhardwaj

Md. Shadab Alam

Mohit Aggarwal

Mohit Kumar Singh Munisha Bansal

Myskar Srikanth Eknathrao

Naveen Chaudhary

Nishant

Nishant Aggarwal Nitesh Kumar Palak Bhushan Pankai Bhanu

Pratap Bhanu Solanki Prateek Agarwal Punit Kumar Singhal Rakesh Meena Rohit Kumar Sinha

Sachin Gupta Sandeep Rathadia Sarthak Handa Shiv Prakash Shouvik Ganguly

Shubham Banerjee Shubham Gupta Siddharth Sharma Siddharth Tiwari Srijan Patel

Sumit Kumar Chaudhary Tharun Kumar Reddy Bollu

2

Udbhav Kumar Singh

**Udit Bharqava** V Suhas

Vaibhav Goyal Vipul Choudhary

## **BACHELOR OF TECHNOLOGY**

# Materials & Metallurgical Engineering

Anil Kanwat
P Goutham Raj
Anil Kumar Soren
Krishnakant Katariya
Narendra Kumar
Pinaaki Aggarwal
Sudhanshu Meena
A Ashwin Kumar
Abhimanyu Rathore
Abhinava Dinesh

Achin Mittal Aditya Gupta

Agnish Kumar Dhiman Aman Samir Haji Animesh Srivastava

Ankit Karwa

Ankita Dashrath Maske

Anuj Bhargava Apoorva Agarwal Apoorva Mishra Aseem Khattri Ashish Ganvir

Ashutosh Pratap Singh

Aviral A Vaid
Avneet Nigam
Ayush Kumar Jain
Bipin Kedia

Brijesh Kumar Yadav Dulichand Kumawat Gauray Baranwal Hari Om Harshit Khare Jatin Agrawal

Kalpi Mittal Kunal Gupta

Madhusudan Sharma

Manish Gupta
Manvindra Singh
Navneet Kumar
Nidhi Tulsyan
Niwas Bharti
Omprakash Latiyal
Prateek Mittal

Prateek Mittal
Princy Verma
Priti Verma
Priva Gautam

Rahul

Rahul Ranjan Raja Choudhary Ravi Kumar Arya Saurabh Valecha Shreya Agarwal

Sisle Swapnil Mahadeo Soumya Ranjan Sahoo

Sumit Kumar Surbhi Singhania Uddeshya Priyadarshi Utpal Raman Sharma

Vaibhav Kumar Varun Mittal Vishnu Agrawal

## Mechanical Engineering

Arvind Kumar Meena
Damai Sai Krishna
Kumar Devvrat
Mohit Sharma
Mukesh Chopra
Ramanand Meena
Saurabh Verma
Shivam Sharma
Shubham Agarwal
Aashish Agarwal
Abhishek Saxena
Amarjeet Kumar
Amol Ratan Singh

Ankit Anand Anurag Kaithal Arihant Bhandari Ayush Garg

Digraj Singh Chahal Ekansh Jain

Gaurav Kumar Gourav Garg

Gudepu Santosh Kumar

Kamal Kant Gupta Kumar Shubham Manu Agarwal Mrityunjay Kothari Mudit Dhakar Nikita Jaipuria Parth Pratik Pranay Agrawal Rahul Sinha Rajesh Yadav Rohit Jaiswal
Sanjay Kumar Maurya
Shashank Jatav
Shashank Sharma
Shubhendu Singh
Srikant Kumar
Subhojit Ghosh
Vashishtha Vidyarthi

Vishwas Aggarwal

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## **B.Tech. - M.Tech. (Dual Degree)**

#### **Aerospace Engineering**

**Arpit Sharma** Biswajyoti Das Deepak Kumar Behera Mukul Umesh Atri Parul Singh Prateek Sazawal Sandeep Kumar Attree Akash Ravi Sharma Ankur Bansal Ankur Chawla Arun Kumar Rajput Himanshu Singh **Puneet Singh** Ravindra Dhama Shruti Mittal Tushar Sikroria

#### **Chemical Engineering**

Harshal Pancholi
Puneet Aggarwal
Ratnakar
Vivek Gera
Aishwarya Nath
Biswadip Baskey
Muhamed Jesbeer K A
Rahul Gupta
Saswati Roy
Shivesh Chaudhary
Utsay Kumar

#### **Civil Engineering**

Abhishek Pathak Akhilesh Rawal Amit Jain Arun Pratap Singh Yadav Ashish Giri

Hitanshu Sethi Hridayesh Kumar Punith Middha Rohan Uttam Parakh Sankalp Lahari Sarojeet Dash Swati Vijay Pal Singh Vikrant Madhavrao Shete Vimal Bhaskarrao Karpe Abhishek Periwal Ankit Gupta Prakhar Misra Pranjal Pareek Rahul Yadav Santosh Kumar Shobhit Jain

# Computer Science & Engineering

Swetha Priya Darshini T

Aurko Roy Ajay Laxman Pakhale Bendale Amit Arun Harmeet Singh Nishant Singh P Krishna Chaitanya Pankaj Pawan Prabhakar Misra Prateek Mishra Shashwat Mishra Shubham Jain Siddharth Agarwal Soumva Mandi Sourav Khandelwal Tanmay Mogra Varun Kumar Modi Vasudha Mithal

Yandrapally Rahulkrishna
Abhinav Jain
Aditya Gupta
Anjana Singh
Arzoo Katiyar
Asheesh Agrawal
Kolipey Abhishek
Parul Agarwal
Pranay Dighe
Ramayanam S Kumar Raju
Saurabh Saxena
Shruti Ranjan Satapathy
Shubhendu Aggarwal
Sumit Bhagwani

#### **Electrical Engineering**

Deekshith Rao Juvvadi

Waghmare Prajyoti Ashok

Vikas Kushwaha

Harshit Kashiv Jvoti Meena Navesh Priyankar Palash Soni Pranjal Agrawal Souray Shah Sumit Sarkar Ajay A Ankit Agarwal Ankit Kumar Ankita Agarwal Anurag Kumar Arun Yadav Aseem Kushwah Hitesh Kumar Gupta Kartik Ahuja Mayank Sen Sharma Nitin Vyas Puneet Agrawal

Raghuram K
Rohit Agarwal
Rohit Kumar
Sachin
Saurabh Jain
Saurabh Katiyar
Shubhranshu Barnwal
Siddharth Jain
Soumya Jain
Subhali Subhechha
Sumitabh Singh

#### **Mechanical Engineering**

Neeraj Verma
Akshay Pravin Atwe
Ankit Tripathi
Anuj Agarwal
Gaurav Dhama
Gautam Sinha
Hirendra Choudhary
Navin Bhatera
Pankaj Singh
Prashant Kumar Jaiswara
Prateek Khanna

Prateek Khanna
Rahul Singh
Ritukant Raj
Rohit Ranjan
Syed Azhar Hasan
Abhinav Srivastava
Anjani Kumar Varshney
Anmol Pandey
Deepak Arya
Gaurav Kant
Kewal Dharamshi
Mohit

Partha Pratim Paul Sanchit Kumar Singh

## **MASTER OF SCIENCE (5 Year Integrated)**

#### Chemistry

Maruri Jagadeeswara Reddy Amit Kumar Vyahut Tarun Bansal

Ankur Jhavery Ashish Jindal

Bikash Ranjan Swain

Kokil Jain

Vaibhav Sharma

Vipin Yadav

Vipul Khandelwal

#### **Economics**

Veerender Kumar Abhilash Maji Abhishek Saini Aditya Maheshwari

Ankit Jaini Ankita Panwar

Anoushka Apoorva Kishore

Gagan Jain

Nagesh Kumar Nitesh Kumar

Pranay Shetty Pratik Agrawal

Richa Srivastava

Rishant Kumar Singh

Sahil Gupta

Sangram Agrawal Satyam Kumar

Suraj Gupta

Tanya Mendiratta

# Mathematics & Scientific Computing

Anurag Dwivedi Atri Dastidar

Ravi Nagarjun Akella

Anusha Mangala Krishnan

Apoorv Saxena

Avinash Chandra Sandilya

Birendra Kumar Kashif Mustafa Keerti Choudhary Keshav P Puria

Keshav Shrikant Meet Pathak

Nitish Jalan

Prashant Bafna Prashant Gupta

Ravi Kant Saini

Saurav Yashaswee

Shilpi Jain

Shrey Verma

Soumya Ranjan Panda

Swati Pathak Utkarsh Deep Vidur Goel

Ronak Ghasiram Garg

Ankur Jain

Manchiraju Lava Kumar

Prafulla Shukla

#### **Physics**

R N Kaushal N Mrithyunjayan Shashwat Chandra

Shishir Anand

Aavishkar Apoorva Patel

Abhimanyu Banerjee

Arpit Sahu Arun V S Atul Jaiswal Bharath H M

Durga Vinay Kumar B Jishnu Bhattacharya Kanksha Gupta

Tanmay K Mudholkar

Peeyush Asati Raj Kishen R K Rohan Sharma Sanjay Nanda Sthitadhi Roy

## **MASTER OF SCIENCE (2 Year)**

#### Chemistry

Tirthaprasad Chattaraj Yakaiah Chennori Abhishek Koner Akhilesh Kumar Singh Anupam Bera Apurba Sau Mondal Bappa Ghosh Barun Kumar Maity Chandan Rajkhowa

Dhritiman Bhattacharyya Isita Jhulki Manas Mondal Monotosh Mondal Naiwrit Karmodak Prakash Mandal Prasenjit Mondal Praveen Kushwaha Projesh Kumar Roy Puspendu Roy Sambo Paul Sambuddha Sen Samir Mandal Samir Patra Savoni Rav Shantanu Soni Shubhrangshu Pandit

Soumyadyuti Samai Sreyoshi Sur Srikrishna Bera Sudeep Mahato

Sujit Maji
Suman Saha
Surajit Bairy
Tamalika Ash
Tanay Debnath
Tuhin Samanta

Yakkala Mallikharjuna Rao

Ram Pada Das

# Mathematics & Scientific Computing

Ashish Kumar Kesarwany Debabrata Biswal Jogen Dutta Kamlesh Kumar Chauhan Naseem Hashmi Navnit Kumar Yadav Pratibha Shakya Priti Kumari

Raj Kamal Prasad Ram Manohar

Ramesh Prasad Panda

Utpal Nandi Abhishek Ghosh Anupam Mondal Arpita Ghosh

Byasadev Pradhan

Chandan Bhowmick
Deepan Chakraborty
Koushik Biswas
Monika Maurya
Nirupam Ghosh
Prakash Kar
Ripan Saha
Selvaraja S

Satyendra Kumar Mishra Saumya Srivastava

Shikha Jain

Shivam Shreevastava

Somdutt Goyal Tanushree Pandit

#### **Physics**

Abhishek Sarkar Ajai Kumar Yadav Ankit Kumar Anoop M. D. Kanailal Barman Probir Kumar Sarkar Raja Chakraborty Sayan Kanti Paul **Tanujit Biswas** Abhishek Naskar Archak Purkayastha Aritra Kundu Bait Omkar Suresh Debashis Saha E Bhavani Shankar Hemanta Kumar Kundu Kabir Chakravarti

Hemanta Kumar Kundu Kabir Chakravarti Krishanu Das Neeraj Singh Prasenjit Sanyal Priyo Adhikary Saientan Bag Sankha Subhra Chakrabarty

Shinjini Basu Shubhadeep Pal Shubhanshu Chauhan Subhadip Das

#### **Statistics**

Ashis Nayak
Nripendra Vikram Singh
Pratyay Karar
Premnath Dalai
Ranjan Adhikary
Samhati Ghosh
Sandipan Das Mahapatra

Sanju Das Sujit Kumar Sushobhan Bera

**Anal Dixit** 

Chitradipa Chakraborty Daya Shankar Chauhan

Debarati Biswas Debashis Goswami

Jayant Jha Monideepa Dutta Priyanka Paul Sanket Bose

Sayandeep Majumder Shuvashree Mondal Siddhartha Kumar Sanyal Sulaksmana Mukherjee

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45<sup>th</sup> Convocation, 2013 Master of Science (2 Year)

## **MASTER OF TECHNOLOGY**

#### **Aerospace Engineering**

B Bharati Swaroop Dibakar Mahalanabish Divyajyoti Guchait Joydeep Bhowmik Kanthirao Joshua Savio Manoj Kumar K D Md Rashid Zafar Ansari N Raiesh Kumar Nidhi Misra Parthiban N Pathanjali R J Rayan Chatterjee Rikhi Bose Sampada Bodkhe Sathyanarayanan V K **Shashant Anand** Sriram Palika

Vijaya Kumar Surla Abir Ranjan Das Aishwarya P Arun Kumar

Vadivazhagan G

Bhole Ashish Meghasham Basalge D Damodar Gregy Thomas K Karthick K N G Pallavi Pawan Kumar

Sathish B Krishnan

Rohit Bhaya

# Biological Science & Bio-engineering

Amrita Jitesh Jhawar Krittika Saxena Maanya Gaur Prashant Jha
Saborni Chattopadhyay
Shivani Bisht
Varun Pahwa
Vivek Singh
Abhishek Acharya
Amreen Qureshi
Aniket Bangroo
Anubhav Das
Fiza Nasheen Ahmed
Heena Pahwa
Itika Saha
Priyanka Dutta

#### **Chemical Engineering**

Yachna Jain

Jitendra Nath Srivastava Amal Pradeep Amit Ravindra Hood Amrit Kumar Rath Atul Oraon B V Sai Krishna Kiran **Debasis Maity** M Jaipal Manish Kumar Gupta Megha Aggarwal Mukesh Kumar Shivhare Prasad Sudhakar Raut Robinson Timuna Rohit Kumar Gupta Sairamu Madala Samayam Sivakumar Tafizur Rehman Tushar Arva Ahana Mukhopadhyay Anil Mangla Arnab Bose

Khandekar Deepa Chandulal

Haritha Banothu

Jyoti S Mahale
Koustuv Ray
Parul Katiyar
Pradipta Kumar Das
Prasenjit Sadhukhan
Pravin Vitthal Dewase
Rituparna Samanta
Shruti Gupta
Sukukar Laha

## **Civil Engineering**

Ashish Kumar Deepa J Deepak G Thomas Harendra Kumar Gupta Hemanta Medhi Imran Khan Jawed Ahmad Kirti Choudhary Maulishri Neha Parool Niraj Singh Parihar Pankaj Kumar Rai Pramod Soni Preeti Sinah Prerna Agrawal Rajarshi Das Bhowmik Raiesh Prasad Shukla Ritunjay Kumar Jha Russel Aziz Sandeep S Sandhya J Sanyam Singh Sudakshina Dutta Tirthankar Rov Varun V M Siju Chacko Abhijeet Swain

Abhijit Kundu

Indulekshmi Mohd Mujtaba Atif Monirul Mallick Pravendra Singh Rashmi Kumari Tanushree

# Computer Science & Engineering

V Kiran Kumar Reddy B Shashi Kumar Adarsh J Ajith Sankar J Akshay Kumar Arindam Das Ashendra Bansal Gauray Kumar Kale Subhash Prabhakar Karan Narain K Rama Keerthi Kumar Kunjan Aggarwal Mrinal Kanti Ghosh Namballa Chitti Babu Neethi K S Pachika Vinay Kumar Reddy Parvez Khan Pritesh Agarwal Rahul E

Sumit Singh
Anvesh Thotakuri
Varun Rajan
Yash Vohra
Manish Khanna
Ajay Kumar
Akhil Arora
Asish Pati
Debjyoti Paul
Emil Abraham

Saravana Perumal P

## **MASTER OF TECHNOLOGY**

Jaydeep Sen Manash Pal Nidhi Jain Parveen Kumar Shahbaz Khan

#### **Electrical Engineering**

Gauri Gupta
A Krishna Phaneendra
Abhishek Srivastava
Ajay Bir Singh
Akash Kumar
Alok Kumar Sinha
Amarendra Edpuganti
Amit Verma

Anindya Chitta Bagchi Anindya Rai

Ankireddy Anil Kumar Ankit Kumar Singh Ankur Mishra

Anup Kavimandan Ashwin Yadav Ashutosh Kumar

Balamurugan Shanmugam

Bhumi Sabarwal C Sheker

Chakradhar Cherukupally

Deepak Singhal Deepika M

Deotale Gunjan Prakash Mangesh Dilip Desai

G Chandra Shekar Goud

Vivek G

Garlapati Chandra Sekhar Gohil Khyatibahen Harilal

Harish Padaki

Hari Shankar Prasad

Himangshu Bhusan Baskey

Kailash Kumar

Kishore Vedavyasan Kudupudi Ram Manohar

Manda Avinash

Manisha Hemant Kumar Shete

Manoj Kumar Reddy Kadapa

Monideepa Das

Naga Prasan Kumar Kode

Pandit Onkar Arun

Pranam K P

Praveen Kumar Singh

Raghavendra K

Rajendra Kumar Gupta

Sachin Kadam Sambuddha Kumar Sanyasi Naidu J

Saurabh Shekhar Shiladri Chakraborty

Shiva Shankar Reddy Marri Sushil Kumar Batham

Soumik Ghosh Tannu Gupta

V Sai Samartha Reddy

Vaibhav Khare Vaishali Ailani

Vamseedhar Reddy R R Venkatesh Kumar Dwivedi

Vikranth Posa Yogesh Bhardwaj Naveen Yenduri

Abhijith B N Akshay Jain Amir Hussain

Anuj Singal Ashish Gupta

Ashutosh Prasad Ashutosh Srivastava Ashwani Verma

Bhishm Tripathi Debdeep Sarkar Dorai Babu Yelaverthi Geethanjali Kosuru Greeshmaja Govind Gupte Himanshu Vilas

Jinia Roy Jitendra Otwani K T Kannan

Maganti Siddhardha

Mali Abhijeet Chandrakant

Manoj C

Neelam Surana Pallabi Ghosh Partha Mondla Prabhat Kumar

Prachi

Prashant Kishor Dwivedi

Punyasloka Bal Rahul Kumar Raj Protim Kundu

Ravi Krishna Sundaram S Sabiq Chishti

Saptarshi Ghosh Saurabh Mandal Sinchan Biswas

Srinivas Chitturi Subhaiit Maihi

Vardikar Mahesh Pandurang

Rohit Pajhal

Pankaj Kumar Uttwani Akhil Kumar Singh Rathore

Uzma Khan

# Environmental & Engineering Management

Ambily Adithyan Anubhav Kumar Dwivedi Deepchandra Srivastava

Kavita Lakshay Praveen Singh Charan Priya Mohan Kundley

Rosalin Dalai Subhasish Ghosh Anitha Variyam Veetil Kritika Upadhyay Mariya Ahsan

Quazi Ziaur Rasool

# Industrial & Management Engineering

Anuj Kumar Singh Arvind Kumar Shukla

Dinesh Pant
Gaurav Gupta
Kumar Agnivesh
Omesh Shukla
Padam Singh
Upendra Kumar
Vimal Kumar
Vinod Parmar
Amarjeet Dua

Angad Kumar Ankit Kaushik Deepthi S

Ghanshyam Kumawat

Onkar

Adwait Digambar Parulekar

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Roopali Joshi

Sandeep Singh Rajput

Shashi Ranjan Shikha Malpani Tanishka Katiyar

## **MASTER OF TECHNOLOGY**

#### **Laser Technology**

Shanky Jain
Chatti Rama Sandeep
Gautam Kumar Shaw
Veena Singh
Anandan Mukund
Ashwini Kumar Upadhyay
Mohd Shadab Alam
Shivanshu Awasthi
Sourav Das Chowdhury
Swati Bhugra

# Materials Science & Engineering

Adepu Murali Krishna
Ajit Kumar Mishra
Aniket Kumar Dutt
Saravana Kumar R
Sudhir Kumar Singh
Ashutosh Misra
Akhileshwar Nirala
Dhandapani P
Madhumanti Mandal
Monalisa Mandal
Pradyut Sengupta
Sumit Ranjan Sahu

#### Material Science Programme

Rahul Yadav Harshkumar B Trivedi Amit Kumar Yadav Arjun R Charchit Kumar Prashik Dhruva Gajbhiye Shikha Srivastava Vinay Panwar Vinod Kumar Vishwakarma Sandeep Kumar Singh

#### **Mechanical Engineering**

Lal Chandra Shah Amitav Mishra Amrita Puri Ankur Sharma Anubhav Kumar Singh Anup Avinash Chaudhari Arun Jose Jacob Ashutosh Singh Avinash Kumar Avinash Kumar Bodhale Nitin Babaso Chins Christopher Kunnileth Dev Kant Gautam Kumbhar Dipak Madhukar Gajendra Singh Ganorkar Saurabh Sanjeev Ghumatkar Kiran Nagesh Gondaliya Himmat Dhirajlal Gyana Ranjan Rana Hymavathi Pothanapalli Javed Asghar Khairnar Gokul Sahebrao Kulkarni Shriram Krishn Leo Paul Mahendra Kumar Gohil Manoj Kumar Manoj Kumar Gupta Medithi Naveen Kumar Milan Prakash Naik P P Shrikant Parikh Aradhva Anilkumar Patil Mukund Dadasaheb Pawan Kumar Basera Piyush Rai Prajapati Jitendra Kashiram

Prakhar Bothra Prempal Singh Raghvendra Pratap Singh Rahul Oorath Rakesh Lingam Rehan Raza Richa Saxena Sagar Sahu Sai Krishna Padi Sanjay S Santosh Kumar Arya Satish Sahu Shah Niteshkumar Satyanarayan Shibin E Soumya Mukherjee Subhradeep Roy Sumeet Kumar Surbhit Chauhan Tanmay Mandal Tapan Kumar Pradhan Tribhuwan Chandra Joshi Uday Prakash Vaibhay Shukla Varun Arora Vikas Vipin Kumar Singh Vishal Kumar Vishnu Suthar Yogender Rathee Suraj Bhan Singh Alok Kumar Ray Bhaskar Chouhan Biswaiit Jena Chandan Paul Jayprakash Singh Kamble Sagar Suresh Karandeep Singh Marua Mohanty

Nagaraj S Honnamane

Pawar Hemant Bhimrao
Prahallad Pattanayak
Praveen Kumar D
Saurabh Sanjay Rasal
Saikat Paik
Sandhya Dewangan
Soumyadipta Das
Subhajit Kar
Tanmoy Chatterjee
Vimal Kumar Gaurav
Vipin Uniyal
Yadav Abhijeet Jayshingrao

# Nuclear Engineering & Technology

Arka Datta
Rahul Arora
Shaikh Rehan Ahmed Yakub
Rupendra Singh
Shefali Saxena
V S S N Varma B
Vikesh Singh Bhadouria

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45<sup>th</sup> Convocation, 2013 Master of Technology

## **MASTER OF BUSINESS ADMINISTRATION**

Abhishek Malaviya Abhishek Sahu Alok Jain **Ankit Garg** Ankit Narula Anushree Burande Anveeksha Varma

Avijit Sarkar Awshesh Srivastav Bhushan Patne

Bijur Chaitanya Venkatraman Deepak Gaur Gaurav Gupta

Himanshu Joshi Hitendra Kumar Kanwar Deep Singh Kaushik Choudhary Kulhar Arjun Ravindra

Mayank Singh

Mohammed Ayub Ansari K Mohan Kumar

Monica Agrawal

Mukul Joshi Navpreet Singh Nimisha Raveendran Nishant Maheshwari

Nitin Bharadwai Pankaj Kumar Rai

Bhatt Priyank Vipulbhai Rahul M U

Raksha Agrawal Ramprasad V

Sagar Agarwal Salabh Ankur Samreen Jamal

Sandeep Sharma Sanjeet Kumar Saptarshi Sarkar Saurabh Awasthi

Sumit Kumar Sunil Kumar

Swapnil Rahul Jangale

Tarun Goel Taruna

Ummed Singhoya Vijayta Fulzele Vivek Agrawal

Shah H Hemantkumar

## **MASTER OF DESIGN**

Bidisha Banerjee Nishant Rai

Polasapalli Vivekanand

Prasoon Kumar Praveen Yarramilli Rahul Mittra

Vikas Chopra Amit Kundal Ekta Sachdev Jeyakumar M Paritosh Singh Priyanka Bharti

## VISIONARY LEADERSHIP FOR MANUFACTURING PROGRAMME

Abhijit Kar Abhijit Narayan Chavan Abhishek Shukla

Anindya Biswas Ankan Mitra

Anuj Kumar Parasar

Athar Khan

Chetan Girijashankar Patil Deshmukh Vivek Vinayak

Gauraokumar H Devikar

Gautam Kapoor Harsh Agarwal Kalyan Chatterjee Kushal Bir Singh Manish Kathait Piyush Raj

Rahul Padmanabhan Rahul Sharma

Ramakrishnan N

Ravi Chandrawanshi Rishabh Agarwal

Rohit Kumar Singh Santosh Kumar Sharma

Santosh Kumar Singh

Shailesh Tiwari Shanmugavel C Sharad S Katwa Sitikantha Das Sridhar Prasad V

Sunil Chauhan

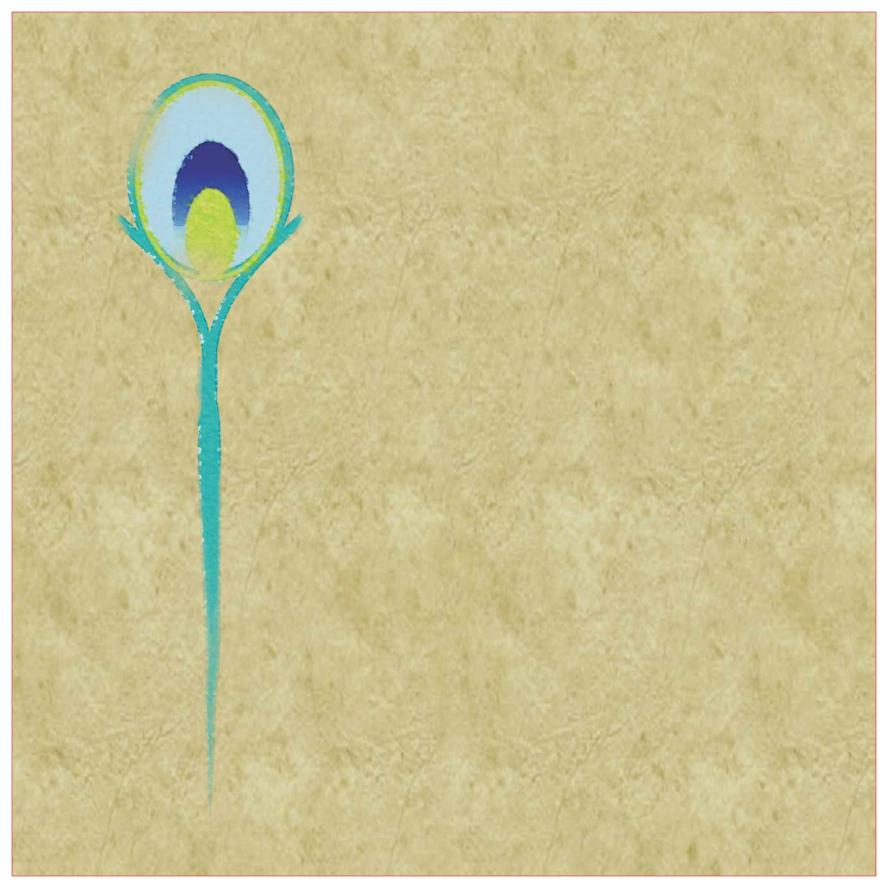
Sushant D Karmaka Sushanta Kumar

10

V Santhosh

MBA/MDES/VLFM 45<sup>th</sup> Convocation, 2013

**Doctor of Philosophy**2013



**Aerospace Engineering** 

K. Ashok Prof. Debopam Das

Instability of Unsteady Annular Pipe Flow: Theoretical and Experimental Investigation

Ashish Singla Prof. A. Tewari and

Prof. B. Dasgupta

Command Shaped Closed-loop Control of Flexible Robotic Manipulators

G. Kumaravel Prof. E. Rathakrishnan.

Prof. A. K. Ghosh and

Prof. P. Jeyajothiraj (Ext.)

Investigation of Acceleration Effects on Rocket Aerodynamics

Swagata Bhaumik

Prof. T. K. Sengupta

Direct Numerical Simulation of Inhomogeneous Transitional and Turbulent Flows

Mrinal Kaushik Prof. E. Rathakrishnan and

Prof. A. K. Ghosh

Effects of Tab on Supersonic Jet Control

**Biological Science & Bio-engineering** 

Mohammad Atif Alam Prof. Pradip Sinha

Role of Fat-hippo Signaling Pathway in Endocytic Vesicular Transport in Drosophila Epithelium

Pushpa Kumari

Prof. K. Subramaniam

Functional Characterization of the Caenorhabditis Elegans Germ Cell Regulator PUF-8

Haider Sami Prof. Ashok Kumar

Design and Synthesis of Multifunctional Polymeric Materials for Potential Bioimaging and Drug Delivery Applications

Pankaj Kumar Singh

Prof. S. Ganesh

Role of Lafora Disease Proteins in Glycogen Metabolism

Ruchi Mishra

Prof. Ashok Kumar

Biocomposite Cryogels for Bone Tissue Engineering

Applications

**Chemical Engineering** 

Sambasiva Rao Ganneboyina

Prof. A. Ghatak and

Prof. V. Shankar

Experimental Investigation of Two-phase Flow of Fluid

through Multi-helical Micro-channels

A. Shahhin Prof. Yogesh M. Joshi

Phase Behavior and Soft Glassy Rheology of Aqueous

Laponite Suspensions

Asima Shaukat

Prof. Ashutosh Sharma and

Prof. Yogesh M. Joshi

Dynamics of Soft Glassy Materials under Elongational Flow

Field

Edward Peter A.

Prof. A. Ghatak and

Prof. V. Shankar

Design of an Adhesive Embedded with Hierarchically

Structured Sub-surface Features

Patil Sandip Sitaram

Prof. Ashutosh Sharma and

Prof. Animangsu Ghatak

Adhesion of Viscoelastic Thin Films: Effects of Surface and

Subsurface Micro-patterns

Raghwendra Singh Thakur

Prof. Nitin Kaistha

Process Intensification in PSA Processes

Susmita Das

Prof. A. Ghatak and

Prof. Yogesh M. Joshi

Fracture of Soft Gel with Hypodermic Syringe Needle

Gunjan Kumar Agrahari

Prof. P. K. Bhattacharya

Removal of Dissolved Gases and Carboxylic Acids from Contaminated Aqueous Streams by Hollow Fiber Membrane

Contactor: Experimental, Modelling and Simulation

Taraknath Das Prof. Goutam Deo

Application of Operando FTIR Spectroscopy and other Characterization Techniques for the Understanding of Supported Cobalt Catalysts

Amritha Rammohan

Prof. Ashutosh Sharma and Prof. Sri Siyakumar

New Approaches for the Fabrication of some Functional Nano and Microstructures

Avinash Chandra

Prof. R. P. Chhabra

Momentum and Heat Transfer from a Semi-circular Cylinder to Power-law Fluids in the Laminar Steady Flow Regime

P. Dinesh Sankar Reddy

Prof. Ashutosh Sharma and

Prof. V. Shankar

Field-induced Instabilities and Pattern Formation in Thin Viscoelastic Films

#### Chemistry

Pradeep Kumar

Prof. N. Sathyamurthy and Prof. R. N. Mukherjee

Ab-initio Quantum Mechanical Investigation of certain Van Der Waals Complexes and Gas Hydrates

S. M. Wahidur Rahaman

Prof. Jitendra Kumar Bera

C-H Bond Activation at the Iridium Centre: A Combined Experimental and Computational Study

Asar Ahmed

Prof. N. S. Gajbhiye and Prof. P. K. Bharadwai

Synthesis, Characterization, Optical, Surface, Photocatalytic and Magnetic Properties of Rods, Octahedra, Flowers, Hollow Spheres and Rings Type Nanostructures of Pure and Doped Cuprous Oxide

Pavan Kumar Kancharla

Prof. Y. D. Vankar

Studies on 2-nitroglycals and Synthesis of Isofagomine and Biologically Important Carbasugars

Dheeraj Kumar Awasthi

Prof. M. L. N. Rao

Development of New Organometallic Methods for the Synthesis of Benzofuran and Furan Skeletons

Narhe Bharat Dattatry

Prof. V. K. Yadav

Synthesis and Rearrangements of 2 Tert-butyldiphenylsilylmethyl Substituted n-p Touenesulfonyl Azetidines

R. Suriya Narayanan

Prof. V. Chandrasekhar

Inorganic Rings and Cages as Scaffolds for Multi-site Ligands: Stabilization of Metal Complexes to Catalytically Active Nanoparticles

Raj Kumar Das

Prof. P. K. Bharadwaj

Coordination Polymers with Different Multidentate Ligands: Host-guest Chemistry, Heterogeneou Catalysis and Gas Storage

Sachchidanand Srivastava

Prof. N. S. Gajbhiye and

Prof. P. K. Bharadwaj

Synthesis, Characterization and Magnetic Properties of Fe<sub>3</sub>O<sub>4</sub>, Ag-Fe<sub>3</sub>O<sub>4</sub> and L1O Fem (m-pd, Pt) Systems and Development of Multimodal Probe for Magnetic Resonance and Fluorescence Imaging using Fe<sub>3</sub>O<sub>4</sub> Nanoparticles

Suman Reddy Yeruva

Prof. Y. D. Vankar

Synthesis of some Carba- Aza and Fused Sugars as Glycosidase Inhibitors, and Newer Approaches for N- and Oglycosylations of Glycal Epoxide.

Sujitha Kolakkandy

Prof. N. Sathyamurthy and

Prof. R. N. Mukherjee

Exchange Reaction and Collision-induced Dissociation in (a+bc) Type Systems: A Time-dependent Quantum Mechanical Study

**Arvind Chaudhary** 

Prof. S. P. Rath

Porphyrin/Bisporphyrin Based Donor-acceptor Systems for Efficient Energy/Electron Transfer: Models for Photosynthetic Reaction Center

Mirayala Vijay Madhav

Prof. S. Manogaran

Use of Compliance Constants in the Analysis of Polyatomic Molecules

Raj Kumar Das

Prof. Jitendra Kumar Bera

Syntheses, Structures and Catalytic Evaluation of Binuclear Transition Metal Complexes

Sandipan Halder

Prof. M. K. Ghorai

Anions and Dianions from 1,3-Dicarbonyls: Synthesis of Heterocycles and Carbacycles

Joyee Mitra

Prof. Sabyasachi Sarkar

Reduced State of Monodithiolene Molybdoenzymes: A Model Study

Rima Lahiri

Prof. Y. D. Vankar and

Prof. J. N. Moorthy

Synthesis of Structurally Diverse Nitrogen Containing Mono and Bicyclic Sugar Mimics Using Carbohydrate Derived Chiral Pool as Stating Materials

Saurabh Srivastava

Prof. N. Sathyamurthy and

Prof. S. Manogaran

An ab-initio Quantum Chemical Investigation of certain Diatomic Anions

Somnath Giri

Prof. M. L. N. Rao

Pd-catalyzed Threefold Arylations of  $\alpha$ -arylacetyl Chlorides, Bromoquinones, Baylis-hillman Bromides and Acetates with Triarylbismuth Reagents

Susovan Mandal

Prof. J. N. Moorthy

Design, Synthesis and Stereoelectronic Control of the Photochromism of Novel Chromenes

Golam Moula

Prof. Sabyasachi Sarkar

Chemistry of the Entatic State of Mo in Molybdoenzymes and Ni, Fe Hydrogenases

Jagannath Bhuyan

Prof. Sabyasachi Sarkar

Synthetic Leaf: Modeling Chlorophyll Bicarbonate Adduct for Photosystem and Oxidative Degradation of Iron and Zinc Porphyrin

Babar Dipak Gorakh

Prof. Sabyasachi Sarkar

Water Soluble Nano Carbons in Plant Productivity, Sensing Amino Acids, DNA Composites, and the Synthesis of Tryptophan / Tyrosine Nanotubes

Goutam Nandi

Prof. Sabyasachi Sarkar

A High Yield Synthesis of Molybdenum and Tungsten Porphyrins

Moumita Bose

Prof. Sabyasachi Sarkar

Mo(w) Heterometallic Complexes in Relevance to Molybdoproteins and Homometallic Complexes with Magnetism and Photoluminescence

Manas Roy

Prof. Sabyasachi Sarkar

Carbon Dioxide Gating in Silk Cocoon, its Bio-magnetism, a Source of Non-toxic Nano Carbon Materials and Nano-Pd/Pt-carbon Composite as Electrocatalyst

Rudra Sarkar

Prof. Sabyasachi Sarkar

Zinc Porphyrin: A Functional Analogue of Zinc Bacteriochlorophylls

Kumud Malika Tripathi

Prof. Sabyasachi Sarkar

Water-assisted Supramolecular Aggregation in Dithiolene and Sulfide Ligated Complexes

Civil Engineering

Suddhasheel Ghosh

Prof. Bharat Lohani

Visualization Pipelines for LiDAR Data with Aerial Photographs: A Study on Development and Evaluation

Sushant Kumar Biswal

Prof. Pranab K. Mohapatra and

Prof. K. Muralidhar

An Experimental Study of Flow at a Right-angled Compound Open Channel Junction

Kedar Sharma Prof. Pranab K. Mohapatra Experimental Study on Flow Past Spur Dyke in Meandering

Channel

Ajay Dashora Prof. Bharat Lohani

Optimization System for Flight Planning for Airborne LiDAR Data Acquisition

Gyan Vikash Prof. Amit Prashant and

Prof. Sivasambu Mahesh

A New CRS Consolidation Theory and a Compressibility Model for Kaolin Clay with Microfabric Effects

#### **Computer Science & Engineering**

Sagarmoy Dutta Prof. Piyush P. Kurur

Exploiting Symmetry to Solve Certain Computational Problems

Vikas Agarwal Prof. Rajat Moona,

Prof. Pankaj Jalote and

Prof. Neeran Karnick (Ext.)

Supporting Non-functional Properties in Web Service Compositions

Umarani J. Prof. Phalguni Gupta

Efficient Indexing Techniques Suitable for certain Physiological Characterstics based Biometrics Systems

Saurabh Bhanuprasad Joshi Prof. S. K. Aggarwal and

Prof. R. K. Shyamasundar (Ext.)

Some Problems in Analysis, Verification and Repair of Concurrent Programs

Surya Prakash Prof. Phalguni Gupta

Human Recognition Using 2D and 3D Ear Images

Balwinder Singh Sodhi Prof. T. V. Prabhakar

Contemporary Computing Platforms – A Software Architecture Perspective

#### **Electrical Engineering**

Ashutosh Dwivedi Prof. Prem K. Kalra and

Prof. Nishchal K. Verma

Soft-computing Based Approaches for Digital Image/Video Processing in E-classroom Learning Environment

Vinay Kumar Singh Prof. S. S. K. Iyer and

Prof. B. Mazhari

Characterization of Top Contact Pentacene Organic Thin Film Transistor

Tathagata Bhowmick Prof. Utpal Das

Quantum Well Intermixing Applications in Waveguide Photodiodes

Anindya Dasgupta Prof. P. Sensarma

Design and Control of Matrix Converter for Regulated 3phase Power Supply and Voltage Sag Mitigation for Linear Loads

Neeraj Gupta Prof. Prem K. Kalra and

Prof. Rajiv Shekhar

A New Probabilistic Transmission Expansion Planning Methodology in a Restructured Market with Demand Uncertainty

Deepak Kumar Singh Prof. Prem K. Kalra and Prof. Rajiv Shekhar

Combinational Load Shedding Methodology for Power Distribution Systems

Premkumar P. Prof. L. Behera

Learning Based Near-optimal Redundancy Resolution Schemes for Visually Controlled Robot Manipulators

Sudhanshu Choudhary Prof. S. Qureshi

Simulation Studies on Understanding the Effect of Defects, Doping and Moisture on Electron Transport Properties of SiCNTS: An ab-initio Study

Arvind Kumar Jain Prof. S. C. Srivastava,

Prof. S. N. Singh and

Prof. Laxmi Srivastava (Ext.)

Development of Strategic Bidding of Supplier and Buyer in Electricity Markets

Rajiv Kumar Tripathi

Prof. Y. N. Singh and Prof. Nishchal K. Verma

Base Station Positioning, Nodes' Localization and Clustering for Wireless Sensor Network

Naveen Jain

Prof. S. C. Srivastava and

Prof. S. N. Singh

Swarm Intelligence Based DG and Capacitor Planning in Distribution Networks

Rajeev Kumar Singh

Prof. Santanu K. Mishra

Bidirectional Optimal Battery Charging System

Sachin Kumar Jain

Prof. S. N. Singh

Estimation of Stationary and Time-varying Harmonics in Emerging Power System

#### **Humanities and Social Sciences**

Biswanath Swain

Prof. Munmun Jha and Prof. C. A. Tomv

The Self, Rationality, and Embodied-embeddedness: An Enquiry into the Presuppositions of Human Agency

Sarvendra Yadav

Prof. A. K. Sharma and Prof. Amman Madan

The Two Cultures Revisited: A Comparative Study of Differential Access, Interpretations of Equality and Approaches Social Problems among Engineering and Social Sciences Students

Debajani Dhal

Prof. B. K. Pattnaik

Appropriate Technology Movement in India: An Emphatic Drift

Bikash Ranjan Mishra

Prof. Somesh K. Mathur

Determinants, Impacts and Spill-over Effects of FDI in India: An Econometric Investigation

Mohd. Irfan

Prof. Sarani Saha and

Prof. S. K. Singh

Modes of Firms' Exit and their Determinants: A Theoretical and Empirical Analysis

#### **Industrial Management and Engineering**

Sabyasachi Patra

Prof. Kripa Shanker and

Prof. Debasis Kundu

Variable Selection and Estimation in Presence of Multicollinear and Catagorical Variables

Smita Pandey

Prof. A. K. Mittal and

Prof. N. K. Sharma

Attribute Perception, Information Search and Use of Decision Rules by Individual Investors in Equity Share Purchase Situation: A Study in Behavioral Finance

Vinay Singh

Prof. R. R. K. Sharma

Relating a Few Organizational Variables Associated with Information System (IS) Planning and Implementation to the Strategy of the Firm: Developing a Theoretical Framework and its Empirical Validation

Kunal

Prof. B. V. Phani

Selective Intervention Policy towards Foreign Direct Investment and its Impact on the Economy (an Empirical Investigation of Indian Firms and Markets)

Supriya Katti

Prof. B. V. Phani

Role of Exogenous and Endogenous Factors in IPO Underpricing (An Empirical investigation of Initial Public Offerings and Qualified Institutional Placements in Indian Financial Markets)

#### Material Science and Engineering

Prof. Gouthama. Bikash Chandra Maji

Prof. R. K. Ray (Ext.) and

Prof. Madangopal Krishnan (Ext.)

Microstructure and Shape Recovery Behaviour of Fe-Mn-Si Based Shape Memory Alloys

Saumen Mandal Prof. Monica Katiyar

Materials and Processes for Printed Flexible Organic Thin Film Transistors

Amritendu Roy

Prof. Ashish Garg and

Prof. Rajendra Prasad

Theoretical and Experimental Investigations of Structureproperty Correlations in Functional Oxides

Raja Annamalai A. Prof. Anish Upadhyaya

Effect of Alloving Additions on Microwave Sintering of

Ferrous Systems

Indu Bajpai Prof. Bikramjit Basu and

Prof. Kantesh Balani

Bactericidal Property of Spark Plasma Sintered Multifunctional Ha-Fe<sub>3</sub>O<sub>4</sub> Magnetic Composites in Static Magnetic Field Stimulated Growth Medium

Prafulla Kumar Mallik Prof. Bikramjit Basu and

Prof. Kantesh Balani

Spark Plasma Sintered Multifunctional Ha-CaTiO<sub>3</sub> Composite for Bone Tissue Engineering Application

#### **Mechanical Engineering**

Anirudh Gautam Prof. Avinash K. Agarwal

Experimental Investigations of Comparative Performance, Emission and Combustion Characteristics of Biodieselfueled Four-cycle and Two-cycle Locomotive Diesel Engines

#### Adnan Qayoum

Prof. P. K. Panigrahi

Heat Transfer Enhancement in a Two-pass Square Channel: Effect of Synthetic Jet Actuation and Permeable Ribs

Pankaj Saha

Prof. Gautam Biswas and Prof. Subrata Sarkar

Analysis of Flow and Heat Transfer in a Channel with Periodically Placed Built-in Vortex Generators in Laminar and Turbulent Regimes

#### Ramgadia Abhishek Govind

Prof. Arun K Saha

Finite Volume Based Numerical Investigation of Fluid Flow and Heat Transfer in Heat Exchangers

Dhananjay Kumar Srivastava

Prof. Avinash K. Agarwal

Experimental Investigations of Laser Ignition of Natural Gasair Mixtures for Engine Applications

Ashesh Saha

Prof. Pankaj Wahi and

Prof. Bishakh Bhattacharya

Analysis and Control of Friction-induced Vibrations using Time-delayed Position Feedback

#### Manoj Kumar Moharana

Prof. Sameer Khandekar

Thermo-hydrodynamics of Internal Convective Flows in Mini-/Microchannels

#### Nirmal Kant Singh

Prof. Subrata Sarkar

Prediction and Control of a Laminar Separation Bubble

#### Rakesh Kumar Maurya

Prof. Avinash K. Agarwal

Performance, Emissions, Combustion Characterization and Close Loop Control of HCCI Engine Employing Gasoline-like Fuels

#### Ajay Muljibhai Sidpara

Prof. V. K. Jain

Magnetorhelogical Fluid Based Nanofinishing of Flat and Freeform Surfaces

#### Vivek Kumar Mehta

Prof. Bhaskar Dasgupta

Generation and Parametric Approximation of the Pareto-set in Multi-objective Optimization

**Doctor of Philosophy** 45<sup>th</sup> Convocation, 2013 18

Atul Dhar Prof. Avinash K. Agarwal

Combustion, Performance, Emissions, Durability and Lubricating Oil Tribology Investigations of Biodiesel (Karanja) Fuelled Compression Ignition Engine

Bahni Ray Prof. Gautam Biswas and Prof. Ashutosh Sharma

Free Surface Flows in Drop Impact and Microchannel Electrokinetics

Arul Kumar M Prof. S. Mahesh and

Prof. P. Venkitanarayanan

A Microstructure Based Model of Crystalline Materials

Basant Singh Sikarwar Prof. K. Muralidhar and

Prof. Sameer Khandekar

Modeling Dropwise Condensation Underneath Inclined Texitured Surfaces

Rituparna Datta Prof. Kalyanmoy Deb

An Evolutionary-penalty Approach for Single and Multiobjective Constrained Optimization: Development and Applications

Ravi Kant Jain Prof. Ashish Dutta and

S. Majumder (ext.)

Robotic Micro Assembly using IPMC for Active Compliance in a Scara Robot and a Flexible 4-bar Mechanism

Sunith Bandaru Prof. Kalyanmoy Deb

Automated Innovization: Knowledge Discovery through Multi-objective Optimization

**Material Science Programme** 

Shivendra Kumar Jaiswal Prof. Jitendra Kumar

Sol-gel Synthesis and Characterization of Strontium Cobaltite and Ferrite based Oxygen Permeable Membranes **Mathematics & Statistics** 

Sanjay Kumar Verma Prof. R. K. S. Rathore

Development of a Framework for Registration and Associated Computations in Clinical MRI

Anuradha Jha Prof. M. K. Kadalbajoo

Numerical Analysis and Simulation of Two Parameter Singular Perturbation Problems

Arikatla Satyanarayana Reddy Prof. S. K. Mehta and

Prof. A. K. Lal

Matrix Algebra and Graph Theory

Manoj Kumar Rajput Prof. Pravir K. Dutt and

Prof. Tapan K. Sengupta

Dispersion Relation Preserving Schemes for Non-dispersive and Dispersive Systems

Prativa Sahoo Prof. R. K. S. Rathore

Quantification of DEC-MRI using Leaky Tracer Kinetic Model

Subhashree Mohapatra Prof. Pravir Dutt and

Prof. B. V. Rathish Kumar

Non-conforming Least Squares HP/Spectral Element Method for Stokes Equations on Non-smooth Domains using Parallel Computers

Binoy Raveendran K Prof. G. Santhanam

Some Eigenvalue Estimates in Eiemannian Manifolds

Surjeet Kour Prof. A. K. Maloo

A Class of Simple Derivations of k[x,y]

Ayon Ganguly Prof. Debasis Kundu and

Prof. Sharmishtha Mitra

Some Contribution to Life Testing Models

Partha Sarathi Mandal Prof. Malay Banerjee
Deterministic and Stochastic Analysis for Mathematical

Models of Complex Ecosystems

Indira Mishra Prof. D. Bahuguna

Almost Periodic and Almost Automorphic Solutions to some Functional Differential Equations

**Physics** 

Dhirendra Kumar Sinha Prof. Y. N. Mohapatra

Carrier Transport and Electroluminescence in Polyfluorene Embedded with CdSe/ZnS Quantum Dots

Gyanendra Singh Prof. R. C. Budhani, and

Prof. Zakir Hossain

Spin Reorientation Transition and Superconductivity in NbN Based Ferromagnet-superconductor Thin Film Heterostructures

Naveen Kumar Singh Prof. Pankaj Jain

Scale Invariance and its Implications in Cosmology

Pavan Kumar Aluri Prof. Pankaj Jain

Large Scale Anomalies in the Cosmic Microwave Background Radiation

Background Nadiation

Pramod Kumar Pandey Prof. Raj K. Thareja

Laser Ablated Plasmas in Ambient Atmosphere and Nonuniform Magnetic Field Rajyavardhan Ray

Prof. Avinash Singh

Disorder and Correlation Effects on a Honeycomb Lattice-

Application to Graphene

Somdutta Mukherjee

Prof. Rajeev Gupta and

Prof. Ashish Garq

Experimental Investigations on Magnetoelectric Gallium

Ferrite

Neeraj Shukla

Prof. H. C. Verma and

Late Prof. V. N. Kulkarni

Ion Beam Induced Nano-Structuring and Magnetic Ordering

Anupam

Prof. Zakir Hossain

Magnetism and Superconductivity in Novel Eu-based Iron

Arsenides and Gallide

Shaw Gorky

Prof. Satyajit Banerjee

Static and Driven Phases of Vortex Matter in

Superconductors with Intrinsic and Nanopatterned Pins

Bhupesh Kumar

Prof. Raj K. Thareja

Laser Ablation at Solid-Liquid interface: Formation of

**Nanoparticles** 

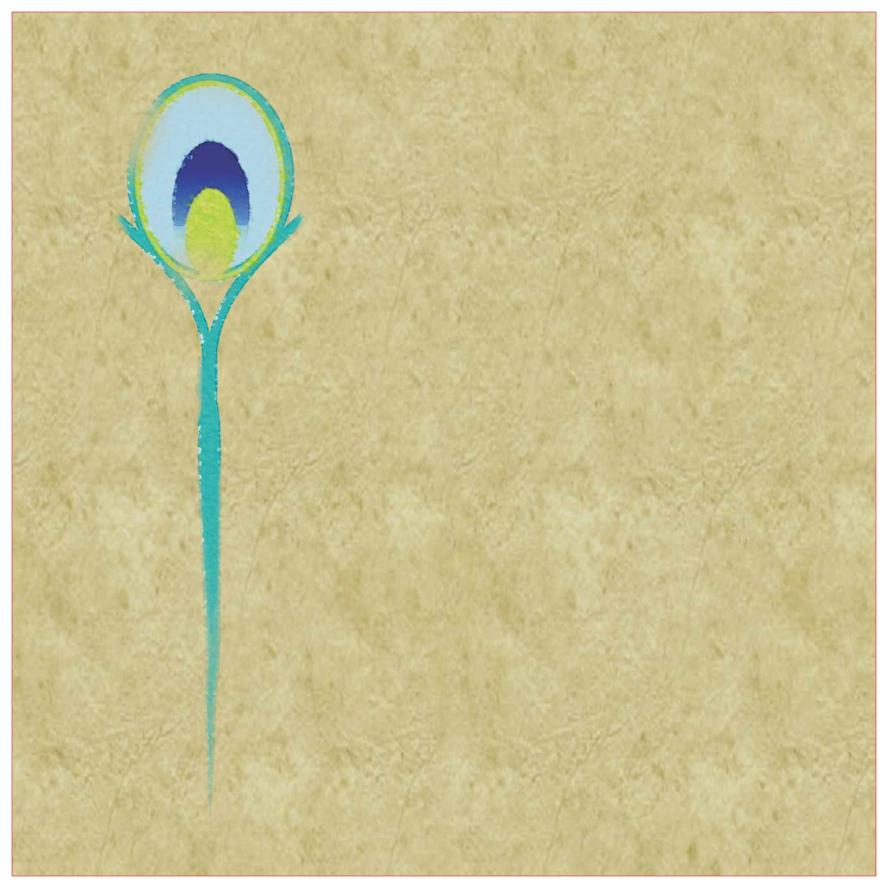
Nitul Singh Rajput

Prof. H. C. Verma

Physical Characterization of FIB Fabricated Nanostructures

and Developing Newer Methodologies

Awards & Honours
2013





## PRESIDENT'S GOLD MEDAL

Best academic performance in the graduating class among all disciplines of the undergraduate programme

#### **SHUBHAM TULSIANI**

**COMPUTER SCIENCE & ENGINEERING** 

# **Past Recipients**

1965	Avadhesh Kumar Nigam	1983	G. N. Srinivasa Prasanna	1996	Anupam Gupta
1966	Kul Bhushan Ohri	1984	Alok Tandon		Geeta Tarachandani
1967	Shashi Kumar Singhania	1985	Upmanyu Madhow		Saurabh Tripathi
1968	Santosh Kumar Gupta		Mani Bhushan Srivastava	1997	Sudipta Sengupta
1969	Ashok Kumar Chandra	1986	Rajesh Kumar Pankaj	1998	Rupak Majumdar
1970	Prabhakar Goel	1987	Rajiv S. Alur	1999	S. Viswanath
	Sartaj Kumar Sahni		Dinesh Chandra Verma	2000	Sumit Gulwani
1971	Dhiraj Kumar Sharma	1988	Ashish Gupta	2001	Sourav Chatterji
1972	Sudershan Kumar Gupta	1989	Vineet Gupta	2002	Utkarsh Hriday Srivastava
1973	Aditya Kumar Gupta	1990	V. Ramesh	2003	Shaunak Sen
1974	Anupam Khanna		Vivek Bhatt	2004	Yogeshwer Sharma
1975	Sudhir Vyas	1991	Sudershan Chawathe	2005	Madhur Tulsiani
1976	Sanjay Kumar Bose	1992	Venkat Krishnamurthy	2006	Abhinav Agarwal
	Suresh Kumar Lodha	1993	Garud N. R.		Subhojoy Gupta
1977	Anurag Kumar	1994	Arvind Rajaraman	2007	Ravishankar Sundararaman
1978	Pingali Keshav Kumar		Alok Agrawal	2008	Anindya De
	Christopher J. J. Flores		Amit Mehrotra	2009	Piyush Srivstava
	Raghvendra Sahai		Khurram Sajid	2010	Nerella Tejaswi Venu Madhav
1979	Manvendra K. Dubey		Shaz Qadeer	2011	Mohit Mittal
1980	Sanjiva Keshav Lele	1995	Shiraz Naval Minwalla	2012	Shubhayu Chatterjee
1981	Sanjay Kasturia		Gokul Rajaram		Ankit Kumar
1982	Amod Arvind Ogale		Sudipto Guha		Ashish Gupta
	Gopal Raghavan				



## **DIRECTOR'S GOLD MEDAL**

Outstanding all round achievement and leadership among students graduating in B.Tech./B.Tech.-M.Tech./M.Sc. (Int.) programmes

**Shubham Tulsiani**Computer Science & Engineering



## RATAN SWARUP MEMORIAL PRIZE

Best all round student graduating in B.Tech./B.Tech.-M.Tech./M.Sc. (Int.) programmes

Pranjal Saxena Chemical Engineering



## DR. SHANKER DAYAL SHARMA MEDAL

Best all round M.Tech./Ph.D. student for general proficiency including character, conduct and excellence in academic performance, extracurricular activities and social service

Karthick K. N. Aerospace Engineering



## **CADENCE GOLD MEDAL**

Best M. Tech. thesis in any of the engineering departments

**Tanmoy Chatterjee**Mechanical Engineering

#### **GENERAL PROFICIENCY MEDALS**

Best academic performance in each discipline of the undergraduate programmes

## **Bachelor of Technology**

Aerospace Engineering Gitesh Dawer

Biological Science & Bio-engineering Jyoti Gupta

Civil Engineering Ujjwala S Avinaw

Chemical Engineering Pranjal Saxena

Computer Science & Engineering Shubham Tulsiani

Electrical Engineering Rohit Kumar Sinha

Mechanical Engineering Vishwas Aggarwal

Materials & Metallurgical Engineering Priya Gautam

Materials & Metallurgical Engineering Abhinav Prakash

## **Master of Science (5-Year Integrated)**

Chemistry Ankur Jhavery

Economics Richa Srivastava

Mathematics & Scientific Computing Anusha Mangala Krishnan

Physics Sthitadhi Roy

Physics Abhimanyu Banerjee

#### **GENERAL PROFICIENCY MEDALS**

Best academic performance in each discipline of the undergraduate programmes

## **Master of Science (2-Year)**

Chemistry Abhishek Koner

Chemistry Soumyadyuti Samai

Mathematics Deepan Chakraborty

Physics Archak Purkayastha

Statistics Sanket Bose

## B.Tech-M.Tech. (Dual Degree)

Aerospace Engineering Puneet Singh

Chemical Engineering Saswati Roy

Computer Science & Engineering Sumit Bhagwani

Electrical Engineering Siddharth Jain

Mechanical Engineering Sanchit Kumar Singh

#### **PROFICIENCY PRIZES**

Best project work in each discipline of the undergraduate programmes

## **Bachelor of Technology**

Aerospace Engineering Ajinkya Subhash Desai

Chemical Engineering Sumit Verma

Chemical Engineering Joy Bhattacharjee

Civil Engineering Nilesh Singh

Civil Engineering Sakshi Goyal

Computer Science & Engineering Anuja Ranjan

Computer Science & Engineering Archit Bansal

Electrical Engineering Pratap Bhanu Solanki

Mechanical Engineering Ankit Anand

Mechanical Engineering Arihant Bhandari

Mechanical Engineering Shivam Prakash

Mechanical Engineering Shivam Sharma

Mechanical Engineering Saurabh Verma

Mechanical Engineering Damai Sai Krishna

Mechanical Engineering Ramanand Meena

Materials & Metallurgical Engineering Aviral A. Vaid

Materials & Metallurgical Engineering Raja Choudhary

Biological Science & Bio-engineering Karthikeyan M.

#### **PROFICIENCY PRIZES**

Best project work in each discipline of the undergraduate programmes

## **Master of Science (5-Year Integrated)**

Chemistry Kokil Jain

Physics Aavishkar Apoorva Patel

Economics Tanya Mendiratta

Economics Richa Srivastava

Mathematics & Scientific Computing Anusha Mangla Krishnan

Mathematics & Scientific Computing Vidur Goel

Mathematics & Scientific Computing

Abhishek Singh

Mathematics & Scientific Computing

Prashant Bafna

Mathematics & Scientific Computing Saurav Yashaswee

Mathematics & Scientific Computing Shrey Verma

Mathematics & Scientific Computing Soumya Ranjan Panda

## Master of Science (2-Year)

Chemistry Manas Mondal

Physics Subhash Singha

Physics Neeraj Singh

#### **BANCO FOUNDATION PRIZE**

Best academic performance in the B.Tech. programme in

Mechanical Engineering

Vishwas Aggarwal

#### **BATRA GOLD MEDAL**

Best academic performance in Materials & Metallurgical Engineering Priya Gautam

## **BEST SOFTWARE AWARD**

Asheesh Agrawal
Computer Science & Engineering

## SANGEETA PRADHAN MEMORIAL MEDAL

Outstanding all around achievement among students of M.Sc. (2 Year) programmes

Deepan Chakraborty
Mathematics

#### TATA CONSULTANCY SERVICES AWARD

For best undergraduate software project in specified areas

Hanumanthu Kodas Sanjay Kumar Jatav

Computer Science & Engineering

#### **CADENCE SILVER MEDAL**

Best M. Tech. thesis in CSE/EE departments

**Parul Agarwal** 

Computer Science & Engineering

#### **IEEE/PEDES'96 AWARD**

Best performance in the area of power and electronics and drives in Electrical Engineering

Jinia Roy

## DR. S. D. BOKIL MEMORIAL MEDAL

Best academic performance in the M.Tech. programme in Environmental Engineering & Management

**Mariya Ahsan** 

# **IIT KANPUR EXCELLENCE AWARDS**

## **COMMUNITY SERVICE**

For outstanding work in various aspects of community service

Saswati Roy Chemical Engineering

Ankit Gupta
Civil Engineering

#### **ART & CULTURAL ACTIVITIES**

For outstanding work in various fields of art and cultural activities

Ajinkya Subhash Desai Aerospace Engineering

#### **LEADERSHIP IN STUDENTS' AFFAIRS**

For exemplary work related to aspects of student governance, hostel management affairs and leadership in organization of events at Department/Hall/Institute level

Aditya Gupta
Yuvraj Singh Dhillon
Computer Science & Engineering

Pranay Shetty Economics

Subhojit Ghosh Mechanical Engineering

#### MARS G. FONTANA PRIZE

Best performance in the subject of corrosion in the B.Tech. programme in

Materials & Metallurgical Engineering

Sisle Swapnil Mahadeo

#### MEHTA M. TECH. GOLD MEDAL AWARD

Best academic performance in M.Tech. in Mechanical Engineering

> Rasal Saurabh Sanjay Tanmoy Chatterjee

#### PROF. ADIDAM SRI RANGA SAI MEMORIAL GOLD MEDAL

Best academic performance in M.Tech.

in

Civil Engineering (with specialisation in Structural Engineering)

Mohd. Mujtaba Atif

## **BHAGWANI DEVI MAHESHWARI GOLD MEDAL**

For the girl student with outstanding all-round performance, academic excellence, social awareness, extra-curricular activities and leadership qualities in the graduating class among all discipline of under-graduate programmes

Nikita Jaipuria Mechanical Engineering

#### PROF. ADIDAM SRI RANGA SAI MEMORIAL MEDAL

Outstanding all round achievement amongst students graduating in B.Tech. programme in

Civil Engineering

**Ujjwala S Avinaw** 

#### PROF. BAL DEVA UPADHYAY MEMORIAL GOLD MEDAL

Best M.Tech. thesis in Physical Metallurgy including Materials Processing in

Materials Science & Engineering

Kandala S Ramakrishna

## PROF. VIJAY MAHAJAN GOLD MEDAL

Best academic performance in Master of Business Administration

**Ankit Narula** 

## S. N. MITTAL GOLD MEDAL

For excellent all-round performance in

Master of Business Administration

**Alok Jain** 

#### **BINAY KUMAR SINHA AWARD**

For executing a project that solves a problem affecting common people

Ankit Anand Arihant Bhandari Shivam Prakash Shivam Sharma

Mechanical Engineering

#### **SUMAN GUPTA GOLD MEDAL**

For highest CPI in M.Sc. (Int.) programme in

Mathematics & Scientific Computing

**Anusha Mangala Krishnan** 

### **BOGINENI CHENCHU RAMA NAIDU GOLD MEDAL**

For highest CPI in M.Tech. programmes in MSE/MSP

**Pradyut Sengupta**Materials Science & Engineering

## **GOPAL DAS BHANDARI MEMORIAL DISTINGUISHED TEACHER AWARD**

2008	Dr. K. Srihari Chemistry
2009	Dr. B. N. Banerjee Mechanical Engineering
2010	Dr. Surender Baswana Computer Science & Engineering
2011	Dr. Suchitra Mathur Humanities and Social Sciences
2012	Dr. Swagato Kumar Ray Mathematics & Statistics

2013



Dr. Aditya K. Jagannatham Electrical Engineering

### **HONORARY DEGREE RECIPIENTS**

1967 Professor Norman C. Dahl

First Kanpur Indo-American Programme Leader

**Doctor of Science** 

Shri Morarji R. Desai

Deputy Prime Minister of India

**Doctor of Letters** 

1981 Dr. P. K. Kelkar

Former Director, IIT Kanpur and IIT Bombay

**Doctor of Science** 

2000 Dr. A. P. J. Abdul Kalam

Principal Scientific Adviser, Government of India

**Doctor of Science** 

2010 Dr. Manmohan Singh

Prime Minister of India Doctor of Science

2013



Prof. Ashoke Sen Doctor of Science



Shri N. R. Narayana Murthy Doctor of Science

for being one of the most outstanding theoretical physicists

in the world

Mr. Satish Kumar Kaura (BT/EE/66)

for excellence in entrepreneurship	for entrepreneurship, outstanding technological contributions and above-all, valuable community service
Mr. Anil Agrawal (BT/ME/70)  for outstanding achievements in activity pertaining to the service of humanity at large	and support in the area of education to needy students in India
Dr. Rakesh K. Jain (BT/ChE/67) 1994 for advancement of knowledge in health sciences and technology	Mr. Rakesh Gangwal (BT/ME/75) 2000 for outstanding managerial career and ongoing contribution to the world of aviation industry
Dr. U. N. Sinha (PhD/ME/70)  for pioneering work and outstanding contributions to the development of computing technology in the country	Mr. Ashok Jhunjhunwala (BT/EE/75) 2000 for indomitable spirit, vision and dedication in the area of internet enabling technologies
Dr. Ashok K. Chandra (BT/EE/69) 1997 for outstanding contributions in computer science research	Mr. Som Mittal (BT/MME/73) 2000 for outstanding managerial career in different industries as diverse as automotive to information technology
Mr. Umang Gupta (BT/ChE/71) 1997 for outstanding achievements in information technology and entrepreneurship	Dr. Padmanabhan Balaram (MSc2/CHM/69) 2000 for exemplary zeal and dedication to science in general and to his field of research, in particular
Dr. Swaminathan Sivaram (MSc2/Chm/67)  for outstanding contributions in polymer chemistry research and its successful industrial application	Mr. Jeet S. Bindra (BT/CHE/69) 2001 for outstanding technological and exceptional managerial contributions to the petroleum industry
Dr. Jagdish (Jai) Narayan (BT/MME/69)  for outstanding contributions and phenomenal academic achievements in materials science and engineering	Dr. Sartaj Sahni (BT/EE/70) 2001 for outstanding and seminal contributions in the area of computer science and engineering
Mr. N. R. Narayana Murthy (MT/EE/69)  for creating and building an outstanding entrepreneurial venture and putting india on the international software map	Mr. Deepak Bhagat (BT/EE/73) 2001 for outstanding managerial skills and role in building institute-alumni relationship of a very high order
Dr. Arvind (BT/EE/69) 1999 for outstanding contributions in the field of computer science research	Dr. Pradeep S. Sindhu (BT/EE/74)  for contributions in developing path-breaking architecture design and internet backbone router technologies and using them to setup and manage world class internet
Mr. Saurabh Srivastava (BT/ME/68) 1999 for outstanding contributions to the information technology	company
industry and achievements in entrepreneurship	Dr. Rajendra Singh (BT/EE/75) 2001 for contributions in developing wireless mobile radio
Dr. Ashoke Sen (MSc2/Phy/78) 1999	communication technologies and using them to set up and

1989

Dr. Prabhakar Goel (BT/EE/70)

1999

manage companies of truly international standards

for outstanding contributions in developing low cost

Mr. Arvind Kumar Gupta (BT/EE/75)

Mr. Neeraj Kayal (BT/CSE/2002)

Mr. Nitin Sexena (BT/CSE/2002)

for outstanding contributions in complexity theory and by

developing a polynomial time algorithm for primality testing

for outstanding contributions in complexity theory and by

developing a polynomial time algorithm for primality testing

science-base teaching aids for children and thus rendering great service to humanity at large	industry of India
Mr. Ajoy Kumar Bose (BT/EE/71) 2002 for outstanding contributions in the field of electronic design automation and setting-up of managing companies of truly international standards	Mr. Amitabh Srivastava (BE/EE/79) 2004 for outstanding and phenomenal contributions towards software development recognized by the international community
Mr. Mriganka Sur (BT/EE/74) 2002 for outstanding and seminal contributions in the field of brain and cognitive sciences	Mr. Satyendra K. Dubey (BT/CE/94) 2004 for his honesty, integrity, dedicated service and upright conduct in public life (awarded posthumously)
Mr. Lalit K. Jalan (BT/EE/79) 2002 for outstanding and seminal contributions in the area of chemical processing industry	Mr. Ajay Kumar (PhD/AE/74) 2005 for outstanding and phenomenal contributions to the world of aviation industry
Dr. K. Vjay Raghavan (BTChE/75) 2003 for outstanding contributions in the field of biological sciences	Mr. Pawan Kumar Goenka (BT/ME/75) 2005 for outstanding and all-round contributions in the field of automotive design, engine lubrication and tribology
Dr. Sandip Tiwari (BT/EE/76) 2003 for outstanding contributions in the field of microelectronics and nano-fabrication technologies	Mr. Abhay K. Bhushan (BT/EE/65) 2006 for excellence in entrepreneurship and outstanding and all round contributions to social activities
Mr. Mohan Arvind Tambe (BT/EE/80) 2003 for outstanding contributions in the field of information and communication engineering	Mr. Pawan Kumar (BT/CE/69) 2006 for excellence in entrepreneurship
Mr. Mahesh Bihari Lal (BT/ChE/69)  for outstanding and all-round contributions to the petroleum refining industry in India	Mr. Vijay Mahajan (BT/ChE/70) 2006 for outstanding and seminal contributions to academics specifically in the area of management studies
	Mr. Pradeep Jotwani (BT/ME/75) 2006
Mr. Manindra Agrawal (BT/CSE/86) 2003 for outstanding contributions in complexity theory and by developing a polynomial time algorithm for primality testing	for outstanding managerial career and ongoing contribution to the world of information technology
M N (1/4 1/PT/005/0000)	Mr. Ambuj Goyal (BT/EE/78) 2006
NA NI 11/ 1/DT/OOE/0000\	

2001

Mr. Suresh Pandey (BT/MME/65)

for outstanding and all-round contributions to the steel

for outstanding managerial career and ongoing

for outstanding and seminal contributions in the field of

contribution to the world of information technology

semiconductor and solid state devices

Mr. Umesh Mishra (BT/EE/79)

2004

2006

45<sup>th</sup> Convocation, 2013 Distinguished Alumnus Awardees 38

2003

2003

Mr. Rajiv Motwani (BT/CSE/83) 2006 for outstanding contributions and academic achievements in the field of computer science and engineering	Dr. Devendra Shukla (BT/CE/1967) 2009 for outstanding entrepreneurial and managerial contributions
Mr. Ravinder Nath Akhoury (BT/EE/68) 2007 for outstanding managerial career and ongoing contribution to the world of information technology	Dr. D. Subbarao (MSc2/PHY/1972) 2009 for outstanding managerial contributions
Mr. Narendra Kale (MT/CSE/76) 2007 for excellence in entrepreneurship	Mr. Manoj Pratap Singh (BT/EE/1974) 2009 for outstanding managerial contributions
Dr. Rajiv Desai (BT/ME/82) 2007 for outstanding contribution to research and development	Mr. Shantanu Srivastava (BT/EE/1977) 2009 for outstanding entrepreneurial contributions and for promoting Indo-Vietnam relations
Prof. Ashutosh Sharma (BT/CHE/82) 2007 for outstanding contributions and academic achievements in the field of chemical engineering	Dr. Shreesh Jadhav (BT/PhD/CSE/1989/1995) 2009 for dedicated service to humanity at large
Mr. Raieev Chawla (BT/EE/84) 2007 for significant contribution to bring about e-governance revolution in the country	Dr. Udai P. Singh (BT/CE/1972) 2009 for outstanding and all round contributions to the field of environment and water resources
Prof. Ashok Misra (BT/CHE/1968) 2008 for outstanding managerial contributions and contributions to the field of chemical engineering.	Mr. Anil Kumar Chopra (BT/CHE/76)  for outstanding entrepreneurial contributions in the field of petroleum, software and energy, as well as service to society in promoting education
Dr. Ravi Seth (BT/ME/1968) 2008 for outstanding technological and managerial contributions	Mr. Anupam Khanna (BT/EE/74) 2010 for outstanding professional achievements in the fields of public policy and infrastructure management
Mr. Harsh Manglik (BT/ME/1970) 2008 for outstanding managerial contributions  Prof. Ashok Sinha (BT/EE/1973) 2008	Dr. Arun Kumar Ghosh (MSC2/CHM/81) 2010 for outstanding contributions and academic achievements in the field of discovery of drugs for AIDS
for outstanding managerial contributions  Prof. Jitendra Malik (BT/EE/1980) 2008 for outstanding contributions to the field of computer science and engineering.	Mr. David B. K. Thomas (BT/ME/77) 2010 for outstanding contributions and selfless service towards empowerment of women
Prof. Arup K. Chakraborty (BT/CHE/1983) 2008 for outstanding contributions to the field of chemical engineering	Dr. Jainendra Kumar Jain (MSC2/PHY/81) 2010 for outstanding insights, and a large body of work in condensed matter physics
Dr. Arun Shukla (BT/ME/1976) 2009 for outstanding contributions and academic achievements in the field of experimental mechanics	Mr. Muktesh Pant (BT/CHE/76) 2010 for outstanding managerial contributions

M N T (PT/OUT/O4)	N 0 0 1 (PT/FF/07)
Ms. Neera Tandon (BT/CHE/81) 2010 for outstanding entrepreneurial contributions in the field of wireless network technologies	Mr. Gaurav Gupta (BT/EE/87) 2011 for outstanding contributions in modernization of urban and rural transport systems
Dr. Rathin Datta (BT/CHE/70) 2010 for pioneering work in the area of providing biologically-derived renewable resource alternatives to petroleum-based solvents	Mr. Sunil Singhal (BT/CHE/71)  for outstanding contributions to developing specialized chemicals and cutting edge technology for the sugar industry worldwide as well as using innovative skills in utilizing the waste generated for 'green' use
Mr. Sudhakar Kesavan (BT/CHE/76) 2010 for outstanding managerial contributions	Dr. Rakesh Agarwal (BT/CHE/75) 2012
Mr. Sudhir Vyas (BT/EE/75) 2010 for outstanding achievements in managing the diplomatic	for outstanding contributions to research and development in Chemical Engineering
relations of India with several countries	Mr. Vasudev Chanchlani (MT/IME/76) 2012 for providing strategic direction in business development
Dr. Viney P. Aneja (BT/CHE/71) 2010 for outstanding contributions and academic achievements in the field of environmental science and technology	and outstanding entrepreneurial skills, and philanthropic activities
Mr. Vishnu Varshney (BT/EE/69) 2010 for immense contribution to establishment and growth of venture capital industry	Dr. Jayathi Y. Murthy (BT/ME/79) 2012 for outstanding contribution towards developing powerful analysis tools and techniques for the industry
Dr. Satya Pal Singh Chauhan (BT/CHE/68) 2011 for outstanding contributions to the field of research and development in the are as of environmental sciences and	Dr. Kamal K. Sharma (BT/CHE/69) 2013 for contributions to the pharmaceutical industry and his managerial skills
engineering	Mr. Bhadresh K. Shah (BT/MSE/75) 2013 for outstanding entrepreneurial skills
Mr. B. V. R. Mohan Reddy (MT/ME/1974) 2011 for outstanding entrepreneurial and managerial skills in the field of engineering design and geospatial data and technology services	Dr. Keshav Pingali (BT/EE/78) 2013 for seminal contributions in research in computer science and engineering
Mr. Mahesh Gupta (BT/ME/75) 2011 for outstanding entrepreneurial and managerial skills in introducing mineral reverse osmosis technology for water purification	Dr. Sumant Nigam (MSc5/PHY/78) 2013 for contributions in the area of atmospheric and ocean sciences
Dr. Yogendra Kumar Joshi (BT/ME/79) 2011 for outstanding contributions and academic achievements	Mr. Amit Gupta (BT/EE/2000) 2013 for entrepreneurial skills and leadership
in the field of thermal sciences and engineering	Mr. Abhay Singal (BT/EE/2001) 2013 for entrepreneurial skills and leadership
Dr. Sandip P. Trivedi (MSC5/PHY/85) 2011 for outstanding contributions and academic achievements in modeling of accelerated expansion of the universe in low energy super symmetric string	Mr. Naveen Tewari (BT/ME/2000) 2013 for entrepreneurial skills and leadership

45<sup>th</sup> Convocation, 2013 Distinguished Alumnus Awardees 40

## SATYENDRA K. DUBEY MEMORIAL AWARD

This award was instituted by IIT Kanpur in the memory of Mr. Satyendra K. Dubey (BT/CE/1994/IITK) and his exemplary life and supreme sacrifice.

2005	Arvind Kejriwal	(BT/ME/89/IITKGP)
2006	Ganesh P. Bagaria	(BT/MT/EE/IITK/82/85)
2008	Anubrotto Kumar Roy	(BT/MT/CHE/IITB/67/69)
2009	Lalit Kishore Chaudhary Vijay Saluja	(BT/ME/86/IITK) (BT/CE/68/IITD)
2010	Shailesh Ramkumar Gandhi	(BT/CE/69/IITB)
2011	Sanjeeb Kumar Patjoshi	(MT/EE/88)
2012	Rahul Sharma	(BT/EE/87)
2013	Trilochan Sastry	(BT/IITD/1980)

# **CONVOCATION CHIEF GUESTS**

First	31 Oct	1965	Dr. S. Radhakrishnan
			President of India
Second	8 Mar	1967	Dr. D. S. Kothari
			Chairman, University Grants Commission
Third	3 Mar	1968	Shri Morarji Desai
			Deputy Prime Minister
Fourth	24 Nov	1968	Shri Y. B. Chavan
			Union Minister of Home Affairs
Fifth	7 Nov	1969	Dr. V. K. R. V. Rao
			Union Minister for Education
Sixth	26 Oct	1970	Shri Kenneth B. Keating
			Ambassador of USA to India
Seventh	15 Feb	1972	Shri Padampat Singhania
			Chairman, Board of Governers, IIT Kanpur
Eighth	16 Feb	1973	Shri M. M. Suri
			Managing Director, Escorts Ltd.
Ninth	3 Oct	1973	Dr. H. N. Sethna
			Chairman, Atomic Energy Commission
Tenth	21 Feb	1976	Shri P. N. Haksar
			Deputy Chairman, Planning Commission
Eleventh	4 Apr	1977	Dr. Raja Ramana
			Director, Bhabha Atomic Research Center, Bombay
Twelfth	7 Apr	1979	Dr. Triguna Sen
			Former Union Minister for Education
Thirteenth	15 May	1980	Dr. R. K. Asundi
			Former Professor, Banaras Hindu University
Fourteenth	7 May	1981	Dr. P. K. Kelkar
			Former Director, IIT Kanpur and IIT Bombay
Fifteenth	20 May	1982	Dr. (Mrs.) A. Chatterjee
			Indian Association for the Cultivation of Science, Calcutta
Sixteenth	17 May	1983	Dr. B. V. Sreekantan
			Director, Tata Institute of Fundamental Research, Bombay

45<sup>th</sup> Convocation, 2013 Chief Guests 42

Seventeenth	13 Mar 1985	Giani Zail Singh
		President of India
Eighteenth	23 May 1985	Dr. A. S. Paintal
		Director, V. Patel Chest Institute, New Delhi
Nineteenth	23 May 1986	Prof. M. G. K. Menon
		Scientific Advisor to the Prime Minister
Twentieth	23 May 1987	Dr. Sam G. Pitroda
		Advisor, Center for Development of Telematics, New Delhi
Twenty-First	24 May 1988	Shri V. Krishna Murthy
		Chairman, SAIL
Twenty-Second	23 May 1990	Dr. A. P. J. Abdul Kalam
		Director, Defense R & D Lab., Hyderabad
Twenty-Third	7 Jun 1991	Dr. A. P. Mitra
		Director General, CSIR, New Delhi
Twenty-Fourth	22 May 1992	Dr. D. S. Deodhar
		President, Applied Electronics Ltd., Bombay
Twenty-Fifth	28 May 1993	Dr. Abid Husain
		Vice Chairman, Rajiv Gandhi Foundation
Twenty-Sixth	23 May 1994	Dr. Jamshed J. Irani
		Managing Director, TISCO, Jamshedpur
Twenty-Seventh	27 May 1995	Dr. R. A. Mashelkar
		Director, National Chemical Lab. Pune.
Twenty-Eighth	20 May 1996	Dr. S. M. Datta
		Chairman, Hindustan Lever Ltd., Mumbai
Twenty-Ninth	25 May 1997	Shri Hari Shankar Singhania
		President, J. K. Organization, New Delhi
Thirtieth	31 May 1998	Shri Mukesh D. Ambani
		Vice-Chairman & MD Reliance Indu. Ltd.
Thirty-First	29 May 1999	Shri Rahul Bajaj
		Chairman & MD, Bajaj Auto Ltd.
Thirty-Second	23 May 2000	Dr. Verghese Kurien
		Chairman, Institute of Rural Management, Anand
Thirty-Third	28 May 2001	Dr. Murli Manohar Joshi
		Union Minister for Human Resource Development

45<sup>th</sup> Convocation, 2013 Chief Guests 43

Thirty-Fourth	28 May 2002	Shri Arun Shourie
		Union Minister for Disinvestments
Thirty-Fifth	30 May 2003	Professor C. N. R. Rao
		Honorary President of JNCASR, Bangalore
Thirty-Sixth	28 May 2004	Dr. Anil Kakodkar
		Chairman, Atomic Energy Commission
Thirty-Seventh	31 May 2005	Dr. K. Kasturirangan
		Director, National Institute of Advanced Studies, Bangalore
Thirty-Eighth	5 Jun 2006	Shri Kapil Sibal
Thirty-Ninth	1 Jun 2007	Minister for Science & Technology Shri G. Madhavan Nair
Fortieth	30 May 2008	Chairman, Indian Space Research Organization Professor Shih Choon Fong
		National University of Singapore
Forty-First	30 May 2009	Mr. Jeet S. Bindra
		President, Chevron Global Manufacturing
Forty-Second	3 Jul 2010	Dr. Manmohan Singh
		Prime Minister of India
Forty-Third	28 May 2011	Prof. P. Balram
		Director, Indian Institute of Science, Bangalore
Forty-Fourth	2 Jun 2012	Dr. E. Shreedharan
		Principal Adviser, Delhi Metro Rail Corporation

45<sup>th</sup> Convocation, 2013 Chief Guests 44

# FORTY-FIFTH CONVOCATION Friday, 5<sup>th</sup> July, 2013

# **Chief Guest**

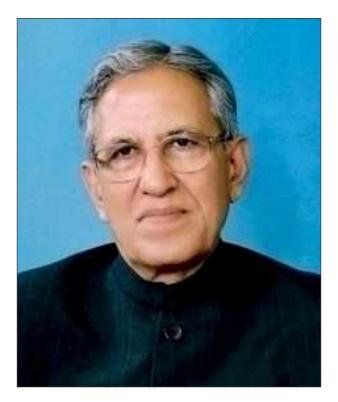


SHRI PRANAB MUKHERJEE President of India

45<sup>th</sup> Convocation, 2013 Chief Guest 45

# FORTY-FIFTH CONVOCATION Friday, 5<sup>th</sup> July, 2013

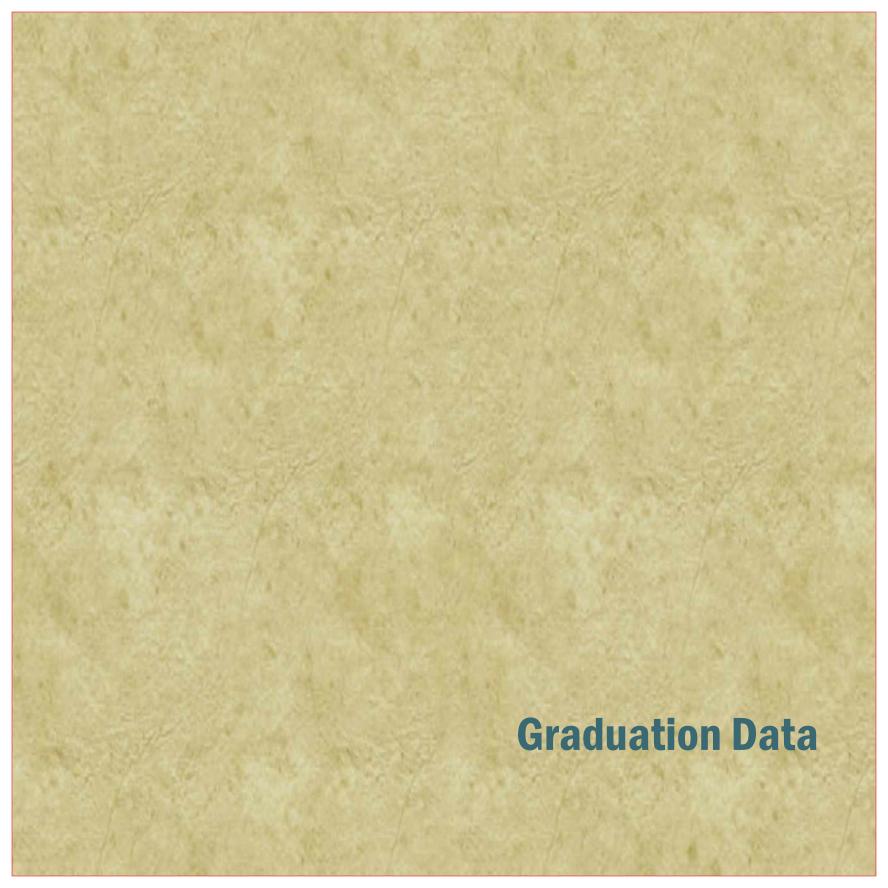
# **Guest of Honour**

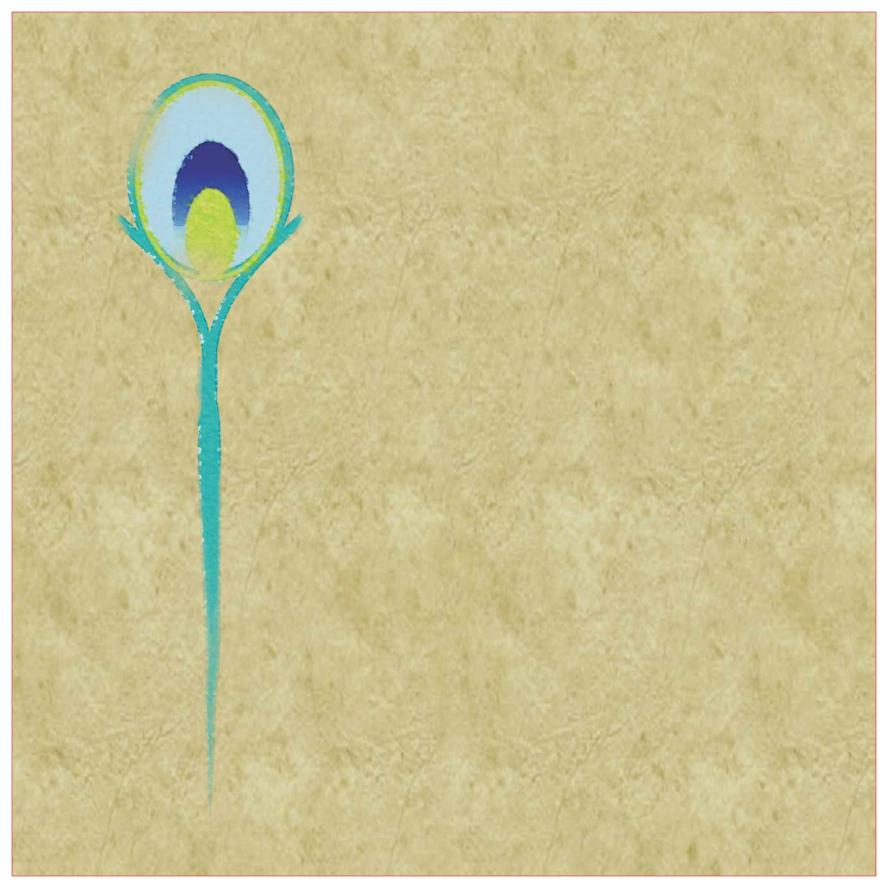


**SHRI B. L. JOSHI Governor of Uttar Pradesh** 

45<sup>th</sup> Convocation, 2013 Guest of Honour

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# **GRADUATION DATA - 2013**

#### **Under-Graduate Programmes**

#### **Post-Graduate Programmes**

Department	B Tech	BT-MT (Dual)	M Sc (5YR)	M Sc (2YR)	Total	VLFM	МВА	M Des	M Tech	Ph D	Total	Grand (UG+PG)
Aerospace Engineering	13	16	-	-	29	-	-	-	30	05	35	64
BSBE	24	-	-	-	24	-	-	-	18	05	23	47
Chemical Engineering	42	11	-	-	53	-	-	-	32	12	44	97
Chemistry	-	-	10	38	48	-	-	-	-	28	28	76
Civil Engineering	59	23	-	-	82	-	-	-	34	05	39	121
Computer Sc. & Engineering	41	33	-	-	74	-	-	-	35	06	41	115
Design	-	-	-	-	-	-	-	12	-	-	12	12
Economics	-	-	20	-	20	-	-	-	-	-	-	20
Electrical Engineering	77	31	-	-	108	-	-	-	102	13	115	223
Environment Engg. & Mgmt.	-	-	-	-	-	-	-	-	13	-	13	13
Humanities & Soc. Science	-		-	-	-	-	-	-	-	05	05	05
Industrial & Mgmt. Engg.	-	-	-	-	-	33	48	-	22	05	108	108
Laser Technology	-	-	-	-	-	-	-	-	10	-	10	10
Materials Science & Engg.	62	-	-	-	62	-	-	-	12	06	18	80
Materials Science	-	-	-	-	-	-	-	-	10	01	11	11
Mathematics	-	-		30	30	-	-	-	-	11	11	41
Maths & Sc. Computing	-	-	27	-	27	-	-	-	-	-	-	27
Mechanical Engineering	41	24	-	-	65	-	-	-	86	18	104	169
Nuclear Engg. & Technology	-	-	-	-	-	-	-	-	07	-	07	07
Physics	-	-	19	27	46	-	-	-	-	12	12	58
Statistics	-	-	-	23	23	-	-	-	-	-	-	23
Total	359	138	76	118	691	33	48	12	411	132	636	1327

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# **YEAR-WISE GRADUATION DATA**

Year	Convocation	Date	B Tech	BT-MT (Dual)	M Sc (5 Yr)	M Sc (2 Yr)	DIIT	VILM	МВА	MDES	MEM	M Phil	M Tech	Ph D	Total
1965	1	31.10.1965	66											05	71
1967	II	08.03.1967	85			13							18	12	128
1968	III	03.03.1968	83		-	17							24	22	146
1968	IV	24.11.1968	164			28							71	16	279
1969	V	07.11.1969	197		-	26							120	37	380
1970	VI	26.10.1970	234			30							92	42	398
1972	VII	15.02.1972	243			32							175	60	510
1973	VIII	16.02.1973	269			35							125	33	462
1973	IX	03.10.1973	183			26							98	25	332
1975	NO CONVOCATION	17.05.1975	258			38							152	77	525
1976	Х	21.02.1976	323			30							107	42	502
1977	XI	04.04.1977	182		07	29							171	72	461
1978	NO CONVOCATION	16.06.1978	173		12	20							35	11	251
1979	XII	07.04.1979	172		15	30							271	105	593
1980	XIII	15.05.1980	368		12	56						05	147	74	660
1981	XIV	17.05.1981	217		05	23						10	138	60	453
1982	XV	20.05.1982	255		08	26						09	160	65	523
1983	XVI	17.05.1983	221		10	20						20	153	45	469
1984	NO CONVOCATION	22.05.1984	203		13	49									265
1985	XVII	13.03.1985	20		02	08							312	94	436
1985	XVIII	23.05.1985	266		08	40							70	10	394
1986	XIX	23.05.1986	224		06	32							206	44	512
1987	XX	23.05.1987	221		14	32							212	52	531
1988	XXI	24.05.1988	216		08	34							182	45	485
1989	NO CONVOCATION	23.05.1989	234		14	38							254	44	584
1990	XXII	23.05.1990	201		19	45							204	51	520
1991	XXIII	07.06.1991	225		19	16							213	44	527
1992	XXIV	22.05.1992	230		25	48							176	28	507
1993	XXV	28.05.1993	229		23	27							220	48	547
1994	XXVI	23.05.1994	250		35	38	03				07		200	62	595
1995	XXVII	27.05.1995	265		29	34	05				01		227	51	612
1996	XXVIII	20.05.1996	277		24	30	03						211	50	596
1997	XXIX	25.05.1997	239		30	35	07						230	66	607
1998	XXX	31.05.1998	217		23	38	07						262	53	600
1999	XXXI		277		27	46	05						278	46	679
2000	XXXII	29.05.1999 23.05.2000	266		27	37	03						297	58	688
2001	XXXIII	28.05.2001	308 304		23 21	32 57	02 04						327 258	31 41	723 685
		28.05.2002													
2003	XXXV	30.05.2003	370		24	36	02	-	31			-	318	39	820
2004	XXXVI	28.05.2004	337		27	47			28				113	45	597
2005	XXXVII	31.05.2005	280		27	69			28	10			355	61	830
2006	XXXVIII	05.06.2006	329	22	35	75	-		48	17			369	42	936
2007	XXXIX	01.06.2007	306	41	37	85	1		32	14			312	86	913
2008	XXXX	31.05.2008	334	60	40	70			27	06			356	101	994
2009	XLI	30.05.2009	299	52	39	68			45	12			320	96	933
2010	XLII	03.07.2010	313	117	60	86	-	32	52	18			386	131	1195
2011	XLIII	28.06.2011	313	100	67	103		59	43	08			242	103	1038
2012	XLIV	02.06.2012	340	123	75	95	1	34	26	21			320	101	1135
2013	XLV	05.07.2013	359	138	76	118		33	48	12			411	132	1327

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# **UP-TO-DATE GRADUATION DATA**

DEPARTMENT	B Tech	BT-MT (Dual)	M Sc (5 Yr)	M Sc (2 Yr)	DIIT/MEM/ M Phil/ VLFM	M Tech/ MBA/ M Des	PhD	Total
Aerospace Engineering	629	67	-	-	-	544	76	1316
Biological Science and Bio-engineering	139	-	-	-	-	104	32	275
Chemical Engineering	1801	76	-	-	-	1088	135	3100
Civil Engineering	1403	63	-	-	-	1429	219	3114
Design	-	-	-	-	-	121	-	121
Computer Science & Engineering	962	148	-	-	-	941	44	2095
Economics	-	-	70	-	-	-	-	70
Electrical Engineering	2962	149	-	-	42*	2115	254	5522
Environmental Engg. & Management	-	-	-	-	-	184	-	184
Mechanical Engineering	2509	129	-	-	-	1601	205	4444
Materials Science & Engineering <sup>%</sup>	1565	-	-	-	-	849	95	2509
Industrial & Management Engineering	-	-	-	-	08** 158 <sup>\$</sup>	469 408 <sup>@</sup>	34	1077
Laser Technology	-	-	-	-	-	125	-	125
Materials Science	-	-	-	-	-	338	30	368
Nuclear Engineering & Technology	-	-	-	-	-	183	08	191
Chemistry	-	-	224	683	04***	-	571	1482
Mathematics	-	-	297#	426	07***	-	326	1029
Physics	-	-	332	645	07***	-	345	1322
Statistics	-	-	42	291	-	-	20	353
Humanities & Social Sciences	-	-	-	-	06***	-	217	223
TOTAL	11970	632	965	2045	232	10499	2611	28954

<sup>#</sup> IncludesMath. & Sc. Computing \*DIIT \*\*MEM \*\*\*M.Phil @ MBA \$ VLFM

<sup>%</sup> Earlier known as Materials & Metallurgical Engg.

Stand up, be bold, be strong. Take the whole responsibility on your own shoulders, and know that you are the creator of your own destiny. Do not look back - but forward, to infinite energy, enthusiasm, daring and patience - then alone can great deeds be accomplished. All the strength and succor you want is within yourselves. Therefore, make your own future.

Swami Vivekananda



