



†<<sup>०५</sup>ं दीक्षान्त समारोह 49<sup>th</sup> CONVOCATION



विवरणिका

भारतीय प्रौद्योगिकी संस्थान, कानपुर Indian Institute of Technology, Kanpur

## BROCHURE







#### **Board of Governors**

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Prof. Indranil Manna Director (Ex-officio Member)

Prof. P. Balaram Prof. J. K Bhattacharjee Prof. Onkar Singh Prof. G. C. Tripathi Prof. C.S. Upadhyay Shri Krishnamurthi Venkataramanan Prof. Veejendra K. Yadav

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#### **Heads of Departments**

Prof. Sanjay Mittal Aerospace Engineering Prof. S. Ganesh **Biological Sciences & Bioengineering** Prof. V. Shankar Chemical Engineering Prof. Sandeep Verma Chemistrv Prof. Purnendu Bose **Civil Engineering Prof. Sumit Ganguly** Computer Science & Engineering Prof. Rajiv Sinha Earth Sciences

#### Prof. S. P. Das

Electrical Engineering Prof. Surajit Sinha Humanities & Social Sciences Prof. Rahul Varman Industrial & Management Engineering Prof. Anish Upadhyaya Materials Science & Engineering Prof. Arbind Kumar Lal Mathematics & Statistics Prof. P. K. Panigrahi Mechanical Engineering Prof. D. Chowdhury Physics

#### **Heads of Inter-Disciplinary Programmes**

Prof. Satyaki Roy Design Prof. Purnendu Bose **Environmental Engineering & Management** Prof. Y. N. Mohapatra Materials Science Prof. P.K. Panigrahi Nuclear Engineering & Technology Prof. Asima Pradhan Photonics Science and Engineering

#### **Chairpersons & Conveners of Standing Committees of Senate**

**Prof. Indranil Manna** Chairman, Senate Educational Policy Committee Prof. D. Bahuguna Convener, Senate Educational Policy Committee Prof. Shikha Dixit Chairperson, Senate Elections Committee Prof. Indranil Manna Chairman, Senate Honorary Degree Committee Prof. Rajiv Shekhar Chairman, Senate Library Committee Prof. Vinav K. Gupta Chairman, Senate Nominations Committee Prof. Ajai Jain Chairman, Senate Post-Graduate Committee Prof. Rajiv Shekhar Chairman, Senate Rules Committee Prof. Ashu Jain Chairman, Senate Scholarships & Prizes Committee Prof. A. R. Harish Chairman, Senate Students' Affairs Committee Prof. T. Ravichandran Chairman, Senate Under-Graduate Committee

#### **Chairmen, Board of Governors**

#### SI, No. Name

#### Position

01 02 03 04	Dr. Sampurna Nand, CM, U.P. Shri C.B. Gupta, C.M., U.P. Shri Padampat Singhania Dr. S. Hussain Zaheer	Chairman, BoG Chairman, BoG Chairman, BoG Chairman, BoG
05 06	Dr. M.L. Dhar Shri L.M. Thapar	Chairman, BoG Chairman, BoG
07	Dr. P Venkateswarlu, Director, IITK	Officiating Chair
08	Prof. R.N. Dogra	Chairman, BoG
09	Dr. A.S. Ganguly	Chairman, BoG
10	Dr. S. Ganguly	Chairman, BoG
11	Prof. R.C. Malhotra, Director, IITK	Officiating Chair
12	Shri Govind Hari Singhania	Chairman, BoG
13	Shri Hari Shanker Bhartia	Chairman, BoG
14	Prof. C.N.R. Rao	Chairman, BoG
15	Prof. M Anandakrishnan	Chairman, BoG
16	Prof. Indranil Manna, Director, IITK	Officiating Chair
17	Shri R C Bhargava	Chairman, BoG

#### Directors

SI. No.	Name	Position
01.	Dr. P.K. Kelkar	Director
02.	Dr. M.S. Muthana	Officiating Direc
03.	Dr. M.S. Muthana	Director
04.	Dr. Jagdish Lal	Director
05.	Dr. A. Bhattacharya	Director
06.	Dr. P. Venkateswarlu	Director
07.	Dr. S. Sampath	Director
08.	Dr. A.K. Mallik	Director
09.	Dr. M.P. Kapoor	Officiating Direc
10.	Dr. R.C. Malhotra	Director
11.	Dr. K.A. Padmanabhan	Director
12.	Dr. Ashwini Kumar	Officiating Direc
13.	Dr. Sanjay G. Dhande	Director
14.	Dr. Indranil Manna	Director

osition	Period	
	From	То
Chairman, BoG	1959	1960
Chairman, BoG	1960	1965
Chairman, BoG	1965	1971
Chairman, BoG	1971	1974
Chairman, BoG	1975	1978
chairman, BoG	1978	1980
Officiating Chairman, BoG	1980	1980
Chairman, BoG	1980	1985
chairman, BoG	1985	1990
Chairman, BoG	1990	1993
Officiating Chairman, BoG	1993	1994
chairman, BoG	1994	1997
Chairman, BoG	1997	2003
Chairman, BoG	2003	2006
chairman, BoG	2006	2015
Officiating Chairman, BoG	2015	2015
Chairman, BoG	2015	to date

	Period	
	From	То
	14.12.1959	11.04.1970
Director	12.04.1970	11.12.1970
	12.12.1970	23.12.1974
	24.12.1974	01.05.1976
	02.05.1976	20.01.1980
	21.01.1980	28.02.1981
	01.03.1981	31.08.1986
	01.09.1986	21.06.1991
Director	22.06.1991	24.05.1992
	25.05.1992	30.09.1997
	01.10.1997	14.09.2001
Director	14.09.2001	16.10.2001
	16.10.2001	06.11.2012
	07.11.2012	t <b>o date</b>

## दीक्षान्तोपदेशः

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

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

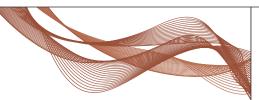
## **EXHORTATION**

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."

# Graduating Students 49<sup>th</sup> Convocation 2016





Y7118070

#### **Aerospace Engineering**

Pankaj Priyadarshi Y6201062	Prof. Sanjay Mittal Prof. Pradeep Kumar (ISRO) Prof. V. Adimurthy	Identification of no retinotectal map forma architecture of the opti
Optimization (M <sup>3</sup> DO)	<sup>(Thesis Supervisors)</sup> tive Multidisciplinary Design of a Semi-Ballistic Reentry	Amaresh Chaturbedi Y7218061
Vehicle Dhayalan R Y9101065	Prof. A.K. Ghosh (Thesis Supervisor)	PUF-8 and TOCA-2 R to Promote Germline elegans
Parameter Estimation Conventional and Neura	of Flight Vehicles using al based Methods	Mamta Upadhyay Y8118063
Shantanu Srivastava Y9101067	Prof. A.K. Ghosh Prof. E. Rathakrishnan (Thesis Supervisors)	Role of Lafora Disea Response
Control of Supersonic So		Navodita Jain Y8118064
V M Krushna Rao Kotteo Y9101068	(Thesis Supervisor)	Role of Lafora Disea Intracellular Trafficking
Computation of Flow Nozzles	in Supersonic Intakes and	Tanushree Vishnoi Y8218061
Navrose 10101063	Prof. Sanjay Mittal (Thesis Supervisor)	Conducting Cryogel Nerve Regeneration
Flow-Induced Vibration	-	Prem Swaroop Yadav Y9118065
Subrahmanyam Saderla	(Thesis Supervisor)	Deciphering the Downstream of BMP
	Ising Flight Data of Unmanned and Moderately High Angles of and Methods	Bone Morphogenesis
0		Ankur Gupta Y9218062
Pramodkumar Manikrac	Prof. T.K. Sengupta (Thesis Supervisor)	Potential tissue en treatment of cartilage
	he Presence of Free Stream	Ayan Ray Y9218065
<b>Biological Science</b>	s & Bioengineering	The Cellular and mole differentiation

PritiAgarwal	Prof. K. Subramaniam
Y6218064	(Thesis Supervisor)
Functional Characterization o Redundantly With GLD-1 to	o Promote the Meiotic
Progression of Male Germ Elegans	Cells in Caenorhabditis

Ravi Kumar Verma Prof. R. Sankaramakrishnan Y7118068 (Thesis Supervisor) Understanding the Evolution, Transport, and Selectivity in Major Intrinsic Protein Superfamily: Bioinformatics Studies and Molecular Dynamics Simulations

11218067 **Glowing Antioxidant** 

11118070

11218065

"You can't cross the sea merely by standing and staring at the water." - Rabindranath Tagore



49<sup>th</sup> Convocation, 2016

Shweta Kukreja

Prof. Jonaki Sen (Thesis Supervisor) entification of novel candidate regulators of notectal map formation and development of laminar hitecture of the optic tectum of Gallus gallus

Prof. K. Subramaniam Prof. A. Bandyopadhyay (Thesis Supervisors) F-8 and TOCA-2 Regulate Mitochondrial Dynamics

Promote Germline Development in Caenorhabditis

Prof. S. Ganesh (Thesis Supervisor) le of Lafora Disease Proteins in Cellular Stress sponse

Prof. S. Ganesh (Thesis Supervisor) le of Lafora Disease Proteins in Autophagy and acellular Trafficking

Prof. Ashok Kumar (Thesis Supervisor) nducting Cryogel as a Potential Biomaterial for

Prof. A. Bandyopadhyay (Thesis Supervisor) ciphering the Gene Regulatory Network wnstream of BMP Signaling During Endochondral

ur Gupta Prof. Ashok Kumar (Thesis Supervisor) tential tissue engineering strategies for the atment of cartilage and bone defects

in Ray Prof. A. Bandyopadhyay (Thesis Supervisor) Cellular and molecular basis of articular cartilage erentiation

Mohd Suhail Rizvi Prof. Sovan Lal Das (Thesis Supervisor) Modeling of Mechanical Behaviour of Fibrous Matrices and their Interactions with Cells

Gaurav Srivastava

Prof. Mainak Das (Thesis Supervisor)

Iron Pyrite : A Seed Biostimulant

Kusurkar Tejas Sanjeev

Prof. Mainak Das (Thesis Supervisor) Tasar Silk Cocoons: Economic Route for Extracting

Doctor of Philosophy (Ph.D.)

Brindan Tulachan 13218062 Green Energy from Natural Fibers Prof. Mainak Das Chemistry (Thesis Supervisor)

#### **Chemical Engineering**

Alok Kumar Srivastava Prof. A. Sharma Y7202061 (Thesis Supervisor) Synthesis of Micro/Nano Functional Materials and Devices: Sensors and Filters

Vinav Kumar Sachan Prof. P.K. Bhattacharva Y8102068 Prof. Rai G.S. Pala (Thesis Supervisors) Synthesis and Characterisation of Charged Polymeric Materials for Different Applications

Dharitri Rath Prof. S. Panda Y9102064 (Thesis Supervisor) Enhancement of Capture Efficiency in Heterogeneous Immunosensors

Arvind Kumar Gautam Prof. P. Apte Y9502061 (Thesis Supervisor) A Statistical Mechanical Study of Equilibration and Relaxation of Supercooled Tetrahedral Liquids Modeled By Stillinger-Weber Potentials

Manish Kaushal Prof. Y.M. Joshi Y9502063 (Thesis Supervisor) Rheology of Structurally Arrested Soft Materials

Subrata Mondal Prof. A. Ghatak Prof. Raghvendra Singh Y9502065 (Thesis Supervisors) Liquid induced adhesion and locomotion of soft bodied objects

Bhaskar Bhaduri Prof. N. Verma 10102071 (Thesis Supervisor) Transition metal nanoparticles-grown carbon nanofibers containing porous carbon microfibers and spherical carbon beads for catalytic reaction applications

Prof. Nitin Kaistha Rahul Jagtap (Thesis Supervisor) 10202063 Towards Systematic Economic Plantwide Control System Design

Prof. Sri Sivakumar **B** Dilip Kumar 11102065 Prof. Raj G.S. Pala (Thesis Supervisors) Photoelectrochemical Water Splitting via Metal-oxide Heterostructures

Swati Anilbhai Patel Prof. R.P. Chhabra 11102075 (Thesis Supervisor) Yield Stress Fluid Flow Past an Elliptical Cylinder : Momentum and Heat Transfer Characteristics

49<sup>th</sup> Convocation, 2016

Ashu Choudharv Prof. Amalendu Chandra Y8107066 (Thesis Supervisor) Anisotropic Structure and Dynamics of Solvation Shells of Simple Aromatic Solutes in Sub- and Supercritical Water

**Biswajit Santra** Prof. G. Anantharaman Y8107068 (Thesis Supervisor) Mono & Multinuclear Copper(I) Complexes of Pyridyl-Functionalized NHC Ligands: Synthesis, Structure, Stability and Applications

Debjit Roy Prof. D. Goswami Y8107070 (Thesis Supervisor) Control and Applications of Two Photon Fluorescence in Microscopy and Optical Tweezers

Garima Tripathi Prof. R. Gurunath Y8107073 (Thesis Supervisor) Synthesis, Characterization and Studies of Crown ether containing peptides

Ishita Neogi Prof. J. Narasimha Moorthy Y8107075 (Thesis Supervisor) Design Synthesis and Development of Novel Organic Materials Based on Troger's Base for Application in Organic Light-Emitting Diodes (OLEDs)

Mithun Sarkar Prof. Jitendra K. Bera Y8107077 (Thesis Supervisor) Transition Metal Complexes Containing Metal-Metal Bonds: Application in C-H Bond Activation and Functionalization

Sivasankaran D Y8107091

Prof. Vinod K Singh Prof. Sandeep Verma (Thesis Supervisors)

Efficient Approach to Isoindolinones and Tetrahydroisoquinolines (THIQs) via Lewis Acid Catalysed C-C Bond-Forming Reactions

V. Karthik Prof. G. Anantharaman Y8107095 (Thesis Supervisor) Backbone Functionalized Imidazolium Salt as Precursors for 'Normal' and Mesoionic Carbene-Metal Complexes: Synthesis, Structure, Donor Properties and Catalytic Activity

Soumvajit Dev Prof. S.P. Rath Y8207079 (Thesis Supervisor) Chemistry of Co(II)/Zn(II)bisporphurins: Axial Ligation, Chemical and Electrochemical Oxidations and Effects of Inter-macrocyclic Interactions

Archana Kumari Prof. R. Gurunath Y9107065 (Thesis Supervisor) Structure and Regioselectivity of 3-nitrotoluene dioxygenase from diaphorobacter sp. Strain Ds2

Doctor of Philosophy (Ph.D.)

Prof. M.L.N. Rao Abhijeet Kumar Y9207061 (Thesis Supervisor) New Methods for the Synthesis of Neoflavones, Flavones, Isoflavones, Pyrazoles and Pyrimidines Involving Triarylbismuth Reagents Prof. S.P. Rath Debangsu Sil Y9207068 (Thesis Supervisor) Fe(III)/Mn(III) Bisporphyrins as Model for Diheme Proteins: Effects of Intermacrocyclic Interaction and Electronic Communication Keshabananda Parida Prof. J.N. Moorthy Y9207071 (Thesis Supervisor Oxidations with Oxone and In Situ-Generated Modified 3,4,5,6 – Tetramethyl IBX Catalyst Y6103066 Sarita Tripathi Prof. G. Anantharaman Y9207078 (Thesis Supervisor Architecture Variations in Metal Complexes/ Y9103069 Coordination Polymers by Employing Imidazole and Imidazolium Based Ligands: Structural Transformation, Anion Exchange and Photoluminescent Properties

Ramu Petakamsettv Prof. R. Ramapanicker 10107076 (Thesis Supervisor) Synthetic Applications of Asymmetric a-Amination of Aldehydes

Shibin Chacko Prof. R. Ramapanicker 10107081 (Thesis Supervisor) Applications of Amino Acids as Chirons and Catalysts in Organic Synthesis

Saona Seth Prof. J.N. Moorthy 10107083 (Thesis Supervisor) Synthesis of Porous Metal-Organic Materials Based on Rationally Designed Organic Linkers and their Applications

Venkata Ramana Imandi Prof. Nisanth N. Nair 10107090 (Thesis Supervisor) Mechanism and Kinetics of the Wacker Oxidation: An Ab Initio Molecular Dynamics Study

49<sup>th</sup> Convocation, 2016

Prof. S.P. Rath Nityananda Sahu Dipankar Sahoo (Thesis Supervisor) Electronic Structure and Modulation of Spin State of Development of Algorithms for Accurate Energetics Iron in Nonplanar Hemes: Implication for the and Spectra of Molecular Aggregates within Hemoproteins

Y9107072

Prosenjit Daw Prof. Jitendra K. Bera (Thesis Supervisor) Y9107076 Annulated Imidazo[1,2-a][1,8] naphthyridine Based N-Heterocyclic Carbene: Synthetic Strategy, Metalation, Catalytic Evaluation and Metal-Ligand Cooperation

Catalysis Alok Ranian 11207062

0207083

10207073

Samik Jhulki 1207076 (OLEDs)

## **DOCTOR OF PHILOSOPHY (Ph.D.)**

Prof. S. R. Gadre (Thesis Supervisor) Fragmentation Approach

Tapan Kumar Pal

Prof. P.K. Bharadwaj (Thesis Supervisor)

Design and Synthesis of Porous MOFs: SC-SC Transformations, Gas Adsorption and Heterogeneous

> Prof. D.H. Dethe (Thesis Supervisor)

Enantioselective Total Syntheses of Marine Toxins. Oxazinins and One Pot Multicomponent Synthesis of Imidazole-2-(thi)one, Thiazolidine-2-ylideneamine and 2-Amino-1,3-selenazole

Prof. J.N. Moorthy (Thesis Supervisor) Design and Synthesis of Novel Organic Materials for Diverse Applications in Organic Light-Emitting Diodes

#### **Civil Engineering**

Durgesh Vikram

Prof. Partha Chakrobortv Prof. Sanjay Mittal (Thesis Supervisors) A two dimensional continuum model of traffic flow

Mousumi Mukherjee

Prof. Amit Prashant Prof. Anurag Gupta (Thesis Supervisors) Instabilities and Rate-Dependency in Mechanical Behavior of Sand

Swatantra Pratap Singh

Y9203061

Y9503061

10103063

Prof. P. Bose Prof. S. Guha

(Thesis Supervisors)

Degradation of Endosulfan and its Metabolites in Aqueous and Soil Slurry Systems by Natural Attenuation Processes and Nano-scale Zero Valent Iron (NZVI) Addition

Amit Singh Chauhan Prof. Tarun Gupta (Thesis Supervisor) Yearlong Study to Understand the Role and Significance of Bioaerosols in Defining Respiratory Health of Community Residing in a Well-Planned Academic Campus and nearby

Deepika Bhattu

Prof. S.N. Tripathi (Thesis Supervisor)

Effects of aerosol size, chemical composition, mixing state and volatility on cloud condensation nuclei activity in the ambient atmosphere

Doctor of Philosophy (Ph.D.)

Prof. Mukesh Sharma Mohd Sharique Prof. Adrish Banerjee Y8104070 (Thesis Supervisor) (Thesis Supervisor) Insights into TiO<sub>2</sub>-based Photocatalytic Oxidation of Waveform Shaping Techniques for OFDM Systems Volatile Organic Compounds: Degradation rate, Waguar Ahmand Prof. Rajesh M. Hegde Prof. Harish Karnick Y8104077 (Thesis Supervisors) Prof. Tarun Gupta Acoustic Variability Compensation Methods for i-vector Prof. Avinash K. Agarwal based Speaker Verification (Thesis Supervisors) **Diesel Emissions Charachterization And Control Using** Non-Noble Metal Based Diesel Oxidation Catalysts Naveen Kumar D V Prof. A. K. Jagannatham Y9204064 (Thesis Supervisor) Optimal Transceiver Design and Channel Estimation in Multi-User Multiple-Input Multiple-Output (MIMO) Prof. Tarun Gupta Wireless Networks (Thesis Supervisor) Organic Aerosol Processing and Effect of Ambient Submicron Particles on Human Health and Associated Sanjeev Kumar Mallik Prof. S.N. Singh Prof. S. Chakraborti Y9204070 (Thesis Supervisors) Hybrid State Estimation and Enhanced Monitoring of Power Systems Using Synchrophasors Prof. Somnath Biswas Prof. Piyush Kurur Ponnaganti Pavani Prof. S.N. Singh (Thesis Supervisors) 10104116 (Thesis Supervisor) Economic and Stability Analyses of Optimally placed **Distributed Generations in Distribution Systems** Prof. S.C. Srivastava Vignesh V Prof. Saikat Chakrabarty 10104127 (Thesis Supervisors) mproved Load Modelling and Its Impact on Stability of Power Systems Having Large Penetration of Wind Generation Chandrakant Jagannath Gaikwad Prof. Pradip Sircar 0204064 (Thesis Supervisor) ligher-Order Statistics Based Techniques for Processing Stationary and Non-Stationary Signals /Id Waseem Akram Prof. B Ghosh 0204066 (Thesis Supervisor) lunctionless Tunnel FET kshaykumar Salimath Prof. B Ghosh 1104161 (Thesis Supervisor) Semiclassical Monte Carlo Simulation and Atomistic Simulation Study of Spin Transport in Graphene lanostructures Amit Munjal Prof. Y.N. Singh 1104162 (Thesis Supervisor) Address Auto-Configuration Protocols and their nessage complexity in Mobile Adhoc Networks Anup Shukla Prof. Y.N. Singh 11104164 (Thesis Supervisor) Evolutionary Techniques Based Solution to the Unit Commitment Problem Including Renewable Energy Sources

## **DOCTOR OF PHILOSOPHY (Ph.D.)**

Kapil Jha 11104169	Prof. S.K. Mishra Prof. A. Joshi (Thesis Supervisors)	Niran Y94000 Even
Boost-based Power Amplifier: In Application in Power-Hard Simulations		Case Ahme
Olive Ray 11104174	Prof. S.K. Mishra Prof. A. Joshi (Thesis Supervisors)	111000 The F Know
Integrated Converters: Synthes and Application to DC Nano Grid	· · · · · · · · · · · · · · · · · · ·	Dhruv 121000
Sudhir Kumar P 11104181 Node Localization and Tracking	Prof. Rajesh M. Hegde (Thesis Supervisor) g using Multi Sensor	An E India
Data in Wireless Sensor Network		Indu
Vivek Nandan Lal <sup>11104184</sup> Performance Analysis and Po	Prof. S.N. Singh (Thesis Supervisor)	Amrit
Single-Stage Large Scale Grid Co		Y81140
Himanshu Bhusan Mishra <sup>12104169</sup> Design of superimposed trainir	Prof. K. Vasudevan (Thesis Supervisor) of for estimating the	Explo Study
spatially correlated MIMO channel		Shiva
Humanities and Social Sc	iences	112140 Com
Sanghamitra Panda Y6100067	Prof. B.K. Pattnaik Prof. Munmun Jha	factor Fram
Tribal Resistance Movement Odisha (By the Development Indu	1 2	Mate Aviso
Vinod Kumar Rawat <sup>Y6200065</sup> Knowledge-power / Resistance Fiction	Prof. T. Ravichandran (Thesis Supervisor) in Indian Campus	Y62060 A stue
Sabah Haider Y8100061 Gaze Behaviour and Stimu Comparison between Individua Intellectual Disability		Asit F Y81060 Polyr of ele
Sanjoy C.K. Y8200063 The Politics of Subversion in Novels	Prof. G. Neelakanthan <sup>(Thesis Supervisor)</sup> Cormac McCarthy's	Soun Y81060 Excin Si allo
Shahul Ameen K.T. Prof. <sup>Y9100064</sup> Religion, Civil Society and Demo Islami and the Solidarity Youth Mo		Rahu Y82060
Payel Pal Y9200061 Rediscovering America : The Po Select Fictions of Toni Morris Oates		Impro Recti Diode

itesh 061

Prof. S Sangal Prof. C S Upadhyay 6062 (Thesis Supervisors) dv on the phase-field modelling applied to phasesformations in pure-iron and plain-carbon steel

Prakash

6062

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49<sup>th</sup> Convocation, 2016

49<sup>th</sup> Convocation, 2016

Doctor of Philosophy (Ph.D.)

#### Performance of the Metropolis Algorithm for Shortest Lattice Vector Problem and Minimum Weight Code Word Problem Amrita Chaturvedi Prof. T.V. Prabhakar

**Computer Science & Engineering** 

Indramani Dhada

Catalyst Coating and Regeneration

Pravesh Chandra Shukla

Dharmendra Kumar Singh

**RiskAssessment** 

Ajitha Shenoy K B

10103065

10103068

(Docs)

11103163

Y7211061

Y7211062	(Thesis Supervisor)	
Ontology Driven Design Patte	( )	In
Pawan Kumar Aurora <sup>Y7211064</sup> Second-order Birkhoff Polyt Graph Isomorphism Detectio		P( G C 10
Kamlesh Tiwari <sup>Y9211064</sup> Some Efficient Techniques	Prof. Phalguni Gupta (Thesis Supervisor) to Improve Fingerprint	Hi Pi M
Based Recognition System	Drof Manindra Agrowal	10
Rohit Gurjar 10111062 Derandomizing PIT for ROA for Special Graphs	Prof. Manindra Agrawal <sup>(Thesis Supervisor)</sup> BPs and Isolation Lemma	JL Al 117 Se
Puneet Gupta	Prof. Phalguni Gupta (Thesis Supervisor)	Si Na
Fingerprint, Vein Pattern an Multi-BiometricAuthenticatio		Ai 117 Ao
Electrical Engineering	ļ	m
		۸,

Meenakshi Gupta Y8104069

Vision based Human Tracking from a Mobile Robotic Platform

Prof. L. Behera Prof. K.S. Venkatesh (Thesis Supervisors)



njan Uppoor

Prof. Achla M. Raina (Thesis Supervisor) nt Representation in Causative Constructions: The e of Kannada

ed Sameer

Prof. Braj Bhushan (Thesis Supervisor) Role of Cognitive Salience in Acquisition of Spatial wledge

iv Gupta Prof. Vimal Kumar (Thesis Supervisor) Economic Analysis of the Naxalite Insurgency in

#### ustrial & Management Engineering

Prof. Javanta Chatterjee Prof. Subhas C. Misra (Thesis Supervisors) loring Credence Quality Framework for e-services: dy of online counselling service in India

am Gupta Prof. Subhas C. Misra (Thesis Supervisor) pliance, Network, Security and Critical Success ors in Cloud ERP implementation: A Theoretical nework and its Empirical Investigation

#### terials & Metallurgical Engineering

or Bhattacharva

Prof. Monica Katiyar (Thesis Supervisor) mer blend based white light emitting diode: Study ectrical and optical characteristics

mitro Mahanty

Prof. Gouthama (Thesis Supervisor) mer laser surface modification of TIMETAL 834, Allloy and AISi/SiCP MMC and its characterization

ul Kumar Sharma

Prof. Deepak Gupta Prof. Monika Katiyar (Thesis Supervisors) rovement in Light Extraction Efficiency and tifying (on/off) Ratio of Organic Light Emitting

Rajeev Kumar Sharma Prof. Kantesh Balani Aneesh M. Y9206066 (Thesis Supervisor) Effect of ZnO Morphology on Mechanical, Tribological and Biological Properties of ZnO-Ultra High Molecular Weight Polyethylene Biocomposites

#### **Materials Science & Engineering**

K Venkata Ramaiah Prof. Gouthama Prof. S.K. Bhaumik 10106069 (Thesis Supervisors) Study on microstructure and transformation properties

of NiTiPd and NiTiPdSc high-temperature shape memory alloys

Mayanglambam Manolata Devi Prof. K. Biswas 10206061 (Thesis Supervisor) Synthesis, Characterization and Phase Transformation Behaviour of Alloy Nanoparticles via Chemical Route

11106066 Pro	Prof. K. Biswas	
FIC	of. Nilesh P. Gurao	
	(Thesis Supervisors)	
Synthesis Stability and Mechanical Properties of High		

Entropy Alloy via Mechanical Alloying and Spark Plasma Sintering

#### **Materials Science Programme**

Raghunandan Sharma Prof. Kamal K. Kar Y9112062 (Thesis Supervisor) Nanostructured Carbons as Catalyst Support and Platinum-Free Electrocatalysts for Proton Exchange Membrane and Alkaline Fuel Cells

Soma Banerjee	Prof. Kamal K. Kar
Y9212061	Prof. M.K. Ghorai
	(Thesis Supervisors)

Sulfonated and Phosphonated Poly(ether ether ketone) based Polymer Electrolyte Membranes for **Fuel Cell Application** 

#### Mathematics & Statistics

Ambuj Pandey	Prof. B.V. Ratish Kumar	Narendra Laxman Gajbhiy	e Prof.
Ambuj Fanuey		Y8105084 Prof.	. Vinayak Eswa
Y7208061	Prof. Akash Anand		(T
	(Thesis Supervisors)	Numerical Simulation of M	
An Efficient High-Order A Inhomogenous Penetrable		and Heat Transfer in Enclo	

Alpesh Kumar Prof. M.K. Kadalbajoo Y8108062 (Thesis Supervisor) Radial Basis Function Based Finite Difference Methods for Option Pricing Problems

Prof. Manjul Gupta (Thesis Supervisor) Y8108063 g-Frequent Hypercyclicity and Supercyclicity in Spaces of Operators

Lok Pati Tripathi Prof. M.K. Kadalbaioo Y8108068 (Thesis Supervisor) Robust Numerical Methods with Error Analysis for Parabolie Partial Differential and Integro-Differential Equations Arising in Finance

Vijavakrishna Rowthu Prof. B.V. Ratish Kumar Y9108070 (Thesis Supervisor) A Unified Model of Cahn-Hilliard Greyscale Inpainting and Multiphase Classification

Rani Kumari Prof. Sameer Chavan 11108064 (Thesis Supervisor) U-invariant Kernels, Row v-hypercontractions, and Graded Submodules

#### **Mechanical Engineering**

Abhay Kumar <sup>Y7105061</sup> Synthetic Jet for Underwater	Prof. A.K. Saha (Thesis Supervisor) Flow Control Applications
Mohammed Asfer <sup>Y7105069</sup> Experimental investigation c presence of magnetic field for transfer applications	
Dhananjay Kumar Singh <sup>Y7205062</sup> Implementation of Digital He 3D-3C Velocity Measureme Liquid-Slug Taylor Flow in Mi	ents in Single-Phase and
Desai Chaitanya Kiritkumar	Prof. Sumit Basu

Prof. P Venkitanravanan Y8105083 (Thesis Supervisors) Applications of the cohesive zone model to failure in polymers and polymer interfaces

ar	Narendra Laxman	Gajbhiye	Prof. K. Muralidhar
ar Id	Y8105084	Prof. Vinay	ak Eswaran (IIT-HYD)
			(Thesis Supervisors)
rs)	Numerical Simulation of Magnetohydrodynamics Flow		
ру	and Heat Transfer	in Enclosures	and Ducts

Prof. Shantanu Bhattacharya Rishi Kant Y8105088 (Thesis Supervisor) Miniaturized Fluid/Particle Manipulation in Hybrid Micro Devices Fabricated with Laser Micromachining for Fluid Delivery and Diagnostic Applications

## **DOCTOR OF PHILOSOPHY (Ph.D.)**

Siva Prasad AV S V8105089 (Thesis Supervisor) Numerical study of high strain rate phenomena in solids using Smoothed Particle Hydrodynamics (SPH)

K.Anand Prof Subrata Sarkar Y9105100 (Thesis Supervisor) Laminar Separation and Transition of Flow past a Constant Thickness Aerofoil Model for Varying Angles of Attack and Tail Flap Deflections

Anup Basak Prof Anurag Gupta Y9105101 (Thesis Supervisor) Y7109062 Kinetics of Incoherent Interfaces in Crystalline Solids Muraleedharan Nair K. Prof Subrata Sarkar Y9105105 (Thesis Supervisor) Mechanism of Self-Sustained Oscillations in an Open Cavity for Subsonic and Supersonic Flows using LES Y7109075 Abhishek Sarkar Prof Ashish Dutta Y9205061 (Thesis Supervisor) Design and Optimal Walking Pattern Generation of an 8-DoF Biped Robot with Compliant shanks V7100861 Rekha Raia Prof. B. Dasgupta Y9205062 Prof. Ashish Dutta (Thesis Supervisors) Rough Terrain Motion Planning and Redundancy Resolution of an Articulated Rover Manipulator System Y7209063 Ankur Gupta Prof Shantanu Bhattacharva 10105131 (Thesis Supervisor Fabrication, Characterization and Application of Various Nanostructures in Sensing and Remediation Y8109066 Anshul Faye Prof. Sumit Basu Prof. Venkitanarayanan 10105132 (Thesis Supervisors) Mechanics of fracture initiation in glassy amorphous polymers Y9109063 Servesh Kumar Agnihotri Prof. P. Venkitanarayanan 10105146 (Thesis Supervisor Fracture behaviour of layered and graded material having property variation along the crack front Y9109064 Vinay Kumar Patel Prof. Shantanu Bhattacharya 10105150 (Thesis Supervisor) Nanofabrication and Combustion Characterization of Highly Energetic Metal Oxides/Nano-Aluminum Composites for Pyrotechnics and Gene Transfection Y9109065 Applications Prof. J. Ramkumar Syed Nadeem Akhtar 10205066 Prof. SARamakrishna Gopal (Thesis Supervisors) Y9109066 Micromachining of thin films and surfaces of metals and polymers using excimer laser

49<sup>th</sup> Convocation, 2016

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#### Prof Sumit Basu Nuclear Engineering & Technology

Dinesh Nath

Y9115061

Prof. Prabhat Munshi Prof. M.S. Kalra (Thesis Supervisors) Applications of Meshless Methods Based on Fundamentals and Particular Solutions to Some Magnetohydrodynamic and Fluid Flow Problems

#### **Physics**

Anirban Dutta

(Thesis Supervisor) Temperature Dependent Scanning Tunneling Microscopy and Spectroscopy Studies of 122 Pnictide Single Crystals

Prof. Anian K. Gupta

Prof. K.P. Rajeev Sourabh Barua (Thesis Supervisor) Electrical Transport Studies of Topological Insulator Materials Bi, Te, Sb, Te, and Bi, -, Sb, TE, Se,

Anirban Baqui Prof. S. Sundar Kumar Iver (Thesis Supervisor) Effect of Electric-Field Annealing During Solvent Drying Step of Active Layers in Organic Solar Cell Devices

Shail Pandey Prof. S. Bhattacharva (Thesis Supervisor) Pulse modulated microwave plasmas: self-excited instability and plasma states

Jagtap Jaidip Manikrao Prof. Asima Pradhan (Thesis Supervisor) Mueller Matrix Spectroscopy, Imaging and Image Analysis techniques for Human Cervical Precancer Discrimination

Dheeraj Pratap Prof. S. Anantha Ramakrishna (Thesis Supervisor) Anisotropic and Hyperbolic Metamaterials in the Cylindrical Geometry

**Dushyant Kumar** 

Prof. R.C. Budhani Prof. Zakir Hossain (Thesis Supervisors) Spin and Electronic Charge Diffusion in Superconducting NbN and Disordered SrTiO, under the Influence of Magnetic Field and Light

Gangadhar Behera Prof. S. Anantha Ramakrishna (Thesis Supervisor) Nanostructured Plasmonic Thin Films for Enhanced **Optical Properties** 

Prof. Pankaj Jain (Thesis Supervisor) Cosmological and Collider Implications of Conformal Symmetry

Doctor of Philosophy (Ph.D.

Prof. Harshwardhan Wanare

(Thesis Supervisors)

Prof. R.C. Budhani

Prof. Zakir Hossain



Prof. S.A. Ramakrishna Y9109069 Photonic and Plasmonic Properties of Periodically

Patterned Columnar Thin Films Nikhil Kumar Prof. Anian Kumar Gupta Y9109074 (Thesis Supervisor)

Controlling Thermal Hysteresis in Superconducting Weak Links and Micron Size Superconducting Quantum Interference Device

Prof. Pankaj Jain Pranati Kumari Rath Y9109077 (Thesis Supervisor) Large Scale Anisotropy in Cosmic Microwave Background Radiation and its Relationship with Primordial Power Spectrum

Shubhankar Das

Y9109078

Jhuma Dutta

(Thesis Supervisors) Magnetoresistance and magnetothermopower studies of  $\delta$ -doped 2-dimensional electron gas at the interface of LaTiO<sub>3</sub>/SrTiO<sub>3</sub>

Vandana Yadav Prof. Sutapa Mukheriee Y9109082 (Thesis Supervisor) Steady state properties of nonequilibrium growth and transport processes: A boundary layer based approach

Reeta Pant Prof. Krishnacharya Y9209066 (Thesis Supervisor) Investigation of Tunable Wetting and Slipperv Behavior on Hydrophilic Surfaces

Shraddha Sharma Prof. Amit Dutta Y9209067 (Thesis Supervisor) Fidelity and Loschmidt Echo: Quenches, Non-Analyticities and Emergent Thermodynamics

Ravi Pratap Singh Prof. R.K. Thareja (Thesis Supervisor) 10109068 Time Resolved Investigations of Laser Ablated Single and Colliding Carbon Plasma Plumes

Subhash Chandra Mahapatra Prof. T. Sarkar 10109069 (Thesis Supervisor) Applications of the Gauge / Gravity duality : Superconductivity, Optics and Entanglement Thermodynamics

Rohit Kumar Prof. M.K. Verma 10109875 (Thesis Supervisor) Energy Transfers in Dynamos with Small and Large Magnetic Prandtl Numbers

**Tutul Biswas** Prof. T.K. Ghosh 10109877 (Thesis Supervisor) Wave packet dynamics and phonon scattering in spinorbit coupled fermionic systems

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#### **Civil Engineering**

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14103044	Shubhi Harbola
14103051	V Jyothi
14103053	Vikas Kirar

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

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13104015	Ankit Bansal	13104110
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13104046	Gargelwar Aniket Narendra	13104140
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- 8 Gourab Ghatak
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- J Mahesh Prasad Dora
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- Kandula Surva Viswanadh
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- Mohammad Imamuddin '9
- 32 Mriganka Mukherjee
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- Naresh S Nellur 36
- 90 Neha Mittal
- Nirdesh Singh
- 93 Nirihar Rov
- Nishanth Chandra 14
- 97 Pankaj Kumar Mishra
- Pankai Kumar 86
- Pradyumn Singh
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- Prithwiraj Sinha )5
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- Sachin Vashistha
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Master of Technology (M.Tech.)

### MASTER OF TECHNOLOGY (M.Tech.)

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14104148	Satyajit Panda
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14104152	Sayantan Chakraborty
14104165	Soumya Thomas
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#### **Environmental Engineering & Management**

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#### **Geological Technology**

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#### Is Science

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- Jyoti Tiwari
- Nikhila B Ω
- Raghunandan B lyer
- Rahul Verma
- Rajeev Kumar 3
- Vishal Kumar Chakradhary 2
- Abhijnan Asiskumar Chowdhuri
- Parashtekar Alhad Ramachandra
- Km Milan Singh 9
- Murkute Pratik Vinod
- Salman Khan
- Shashank Singh
- Shivani Gour 5

#### nical Engineering

- 50 Mateen Ahmad
- Amit Manglik 0
- 3 Kulkarni Anirudha Arvind Avijit Karmakar
- Deepak Ashok Pawar 6
- Deo Kumar Verma
- G Thulsiram
- Istalkar Dayanand Vilas 5
- Kanti Lal Solanki
- 0 Krishna Kumar Yadav
- Mayank Chaudhary .6
- Paras Nath Verma 9
- Pawan Kumar Ω Pawan Kumar
- Pranav Jeevan P
- Priyadarshan
- 5 Ravikant Madhav
- Saurabh Kuhar 3
- Sharad Katiyar
- Sunil Kumar Saroj
- Susheel Sanjay Dharmadhikari 3
- Swati Singh
- Vaibhav Gupta 8
- Vinita Kumari 0
- Yeshudas Jiotode
- Singh Abhishek Gajendra
- Dipayan Mukherjee

## MASTER OF TECHNOLOGY (M.Tech)

14105033 Hanit Bansal 14105037 lla Barshilia 14105043 Jadhav Kiran Sahu 14105060 Rahul Nath 14105068 Sachin Kumar Singh 14105076 Shubham Agarwal 14105081 Souvik Naskar 14105101 Akshay Pathak 14105150 Vinay Prasad

#### **Nuclear Engineering & Technology** 40445000

13115006	Kama Raja
13115007	Kamble Siddharth Suresh Manda
13115010	Madhu Ranjan Gunjan
13115013	Sandra K
13115014	Santhakumar S
13115017	Sudhanshu Mathur
13115018	Sunil Kumar
13115019	Ziyad Devshibhai Sagrambhai
14115001	Abhishek Narayan Singh
14115002	Abhishek Srivastav
14115008	Lekhraj Dongre
14115010	Parul Dwivedi
14115012	Shivam Singh
14115013	Smriti Sahu

#### **Photonics Science & Engineering**

13116002	Hirak Mondal
13116003	Nagendra Pratap Yadav
13116005	Neha Goswami
13116007	Raman Kumar
13116009	Shrinath Purohit
13116011	Udit Narayan
14116007	Paresh Mathur

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

#### B.Tech. Aerospace Engineering -M.Tech. Aerospcace Engineering

		1002100
		1032707
Y9227104	Ankur Duhoon	1032712
Y9227648	Vijaypal Singh Negi	1032720
Y9418501	S Aditya Varma	1032722
10327008	Abhijit Verma	1032728
10327019	Abhishek Dhiman	1032729
10327087	Anchal Goyal	1032734
10327100	Ankit Deo	1032736
10327134	Anurag Kumar	1032737
10327177	Avish Rana	1032739
10327352	Kiran Raj Goud B	1032742
10327375	Madhabendra Pradhan	1032746
10327382	Manish Kumar	1032758
10327430	Naman Kumar Rawal	1032758
10327506	Pranav Kumar Singh	1032760
10327715	Siddhartha Srivastava	1032765
10327750	Sushant Mehrotra	1032767
10327776	Utkarsh Dadhich	1032770
10327781	Vaibhav Dabaria	1032773
10327788	Varsha Yadav	1032774
10418489	Pawar Deepak Sahebrao	1032776
10327528	Parveen Kumar	1032781
10418593	Patil Ravindra Rajaram	1041851
11907139	Anurag Kumar Lohia	1190721
11907213	Chandan Satyarth	1190722
11907275	Gaurav Kumar	1190722
11907294	Harsh	1190722
11907345	K Samarth	1190724
11907450	Namrata Gupta	1190729
11907555	Raghav Goyal	1190733
11907583	Ran Vijay Singh	1190741
11907700	Shruti Ojha	1190747
11907701	Shubham	1190748
		1100756

#### B.Tech.Biological Sciences & Bioengineering -M.Tech. Biological Sciences & Bioengineering

11907208 Brijesh Chandrakar 11907216 11907456

**B.Tech. Civil Engineering -**

K Sri Harsha

Abhay Kumar

**M.Tech. Civil Engineering** 

Y8127230

Y9317226

Y9329355

10327004

Chepurwar Shashank Sharad Neha Ashok Waghmare

Gaurav Kumar Raghav

Nanam Vasanth Manohar

Y9227534 Y9317382 Y9317540 10327003

10327006 10327054 10327076 10327126 10327208 10327221 10327288 10327365 10327365 10327365 10327365 10327366 10327426 10327426 10327468 10327584 10327584 10327586 10327604 10327604 10327604 10327707 10327707 10327707 10327761 10327761 10327761 10327761 10327761 10327761 10327761	Abhijit Gupta Akhil Yadav Amit Kumar Koshta Anu Tripathi Chandra Mohan Deepak Kumar Panwar Harshit Khaitan Hemant Gehlot Karn Vohra Kundan Tripathi Lokesh Kachchhawa Mayur Mehta Nakka V Satya Bharathkumar Nivesh Goel Ramdeo Kumar Ramo Manjhi Ritesh Kumar Saurabh Dixit Shashank Kumar Shwet Kumar Sumit Kumar Suryakant Dwivedi Tanuj Patel Vishal Katariya Pranjal Mandhaniya Chetan Chauhan Chinmay
	-
	•
	-
	2
11907224	Chirag Bharatbhai Agrawal
11907227	Chitresh Anand
11907245	Devendra Swami
11907298	Harshman
11907338	Jeenu Thomas
11907418 11907478	Md Manzar Hussain Anjum Om Prakash
11907478	
	Pankaj Saini Babul Cara
11907560	Rahul Garg Ritika Verma
11907603	
11907673	Shalini Suryawanshi
11907703	Shubham Goyal
11907704 11007757	Shubham Gupta
11907757	Swatantra Verma

#### **B.Tech Chemical Engineering -M.Tech. Chemical Engineering**

- Shailesh Kumar Meena
- Nishant Kumar Gupta
- Shashank Choudhary
- Aashish Goyal

#### B.Tech. – M.Tech. (Dual Degree)

10327082	Ankur Singh
10327151	Aryan
10327184	B. Anirudh
10327367	Kura Bharath Kumar
10327406	Mohd. Ibrahim Faruqi
10327407	Mohd. Shafiq
10327460	Nitin Kumar Singh
10327487	Patil Chetan Arun
10327595	Rishabh Gupta
10327601	Rishav Agrawal
10327625	Sahil Bhandari
10327706	Shudodhan Singh Thakur
10327746	Suresh Bhasin
11907065	Aman Agrawal
11907089	Anika Jain
11907341	Juhi Chandra
11907433	Mohit Nema
11907440	Mudit Sinha
11907457	Nidhi Sahu
11907459	Nikhil Kumar
11907614	Rohit Kakkar
11907629	Salman Ahmad Khan
11907685	Shivang Sharma
11907719	Smita Ranjan Biswal

#### B.Tech. Computer Science & Engineering -M.Tech. Computer Science & Engineering

Y9227224	Gaurav Krishna
Y9227164	Ayush Goel
10327002	Aakash Verma
10327009	Abhimanyu Jaju
10327058	Akshay Agrawal
10327060	Akshay Kumar
10327070	Amendra Gupta
10327074	Amit Kumar
10327080	Amit Sharma
10327104	Ankit Modi
10327122	Anshu Avinash
10327145	Arpit Jain
10327162	Ashudeep Singh
10327165	Ashwini Kshitij
10327204	C H P K S Sampath Kumar
10327209	Chandra Prakash
10327242	Dhruv Lakhani
10327250	Divyanshu Bhartiya
10327258	Gaganpreet Singh Kalra
10327267	Gidijala Chandra Sekhar
10327270	Guddu Kumar

10327277 Gurpreet Singh Khanuja 10327316 Jitendra Kumar Dhakar 10327404 Mohd Dawood 10327409 Mohit Garg 10327466 Nittala Venkata Subba Rao 10327479 Pankaj Prateek Kewalramani 10327486 Parth Tripathi 10327511 Pranjal Singh 10327516 Prashant Kumar Singh 10327526 Praveen Dhinwa 10327551 Rabi Shanker Guha 10327555 Rahul Arora 10327560 Rahul Meena 10327621 Sachin Kumar Yadav 10327686 Shivam Bansal 10327742 Sunil Kumar Mocharla 10327784 Vaibhav Singhal 10327807 Vinit Kataria 11907013 Abhimanyu Arora 11907034 Adarsh Chauhan 11907183 Ayush Mittal 11907422 Milind Solanki 11907424 Moazzam Hussain 11907496 Piyush Kumar 11907627 Sakshi Sinha 11907688 Shivanshu Agrawal 11907736 Sumedh Masulkar 11907799 Vijay Keswani 11907816 Vivek Gupta

#### B.Tech. Electrical Engineering -M.Tech. Electrical Engineering

Yeshi Dolma

11907832

Y8127209	Gogineni Bhargava
Y9317053	Akash Gramin
Y9329105	Annepu Y V Harsha Vardhan
Y9227152	Asutosh Tiwari
10327071	Amish Goel
10327086	Anant Raj
10327137	Anurag Pandey
10327152	Asapu Shiva
10327171	Atul Kumar Sinha
10327172	Atulya Shivam Shree
10327173	Avadh Bihari Gupta
10327181	Ayush Jain
10327229	Devanshu Arya
10327296	Hemant Patel
10327433	Narendra Kumar Meena

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

10327435	Naresh Patel	1032752
10327442	Neeraj Matiyali	1032754
10327453	Nisha Choudhary	1032754
10327580	Rakesh Kumar	1032756
10327610	Rohit Kumar	1032762
10327650	Satyavolu Sai Nitish	1032762
10327697	Shreyan Chowdhury	1032764
11907020	Abhinay Kumar	1032765
11907037	Aditya Jain	1032765
11907098	Anirudh Kumar Agrawal	1032766
11907152	Arun Singh	1032773
11907320	Isha Agrawal	1032774
11907415	Mayank Agrawal	1032778
11907497	Piyush Kumar	1190701
11907529	Prateek Yadav	1190705
11907731	Subhajit Mohanty	1190714
11907776	Unnat Jain	1190718
11907810	Vipul Gupta	1190729
		1190730
B.Tech. Me	chanical Engineering -	1190734
M.Tech. Me	echanical Engineering	1190735
		1190741
Y9227455	Rahul Kansal	1190746
Y9329293	Kulwant Singh	1190762
10327031	Abhishek Ranjan	1190768
10327033	Abhishek Sharma	1190769
10327046	Ajinkya Kumar Jain	1190770
10327079	Amit Saraswat	1190774
10327091	Anil Kumar Meena	1190776
10327103	Ankit Kumar Chouksey	1190782
10327128	Anuj Agrawal	1190782
10327176	Avinash Shrivastava	
10327192	Bhamare Suraj Ashok	B.Tech.
10327230	Devashish Gupta	M.Tech
10327231	Devendra Arya	
10327238	Dhebar Yashesh Deepakkumar	1190709
10327254	Faisal Islam	1190724
10327302	Himanshu Singh	1190748
10327311	Jaspreet Singh	1190759
10327358	Kuldeep Yadav	1190763
10327371	Lokesh Jain	1190764
10327393	Mayank Jain	1190768
10327394	Mayank Sinha	
	-	

B.Tech. – M.Tech. (Dual Degree) 16

49<sup>th</sup> Convocation, 2016

- Prateek Singh 521 645 Puluck Prakash 646 Puneet Bhateja 62 Rahul Ojha 623 Sadaraboina M Vidya Sagar 626 Sahil Kajal 645 Sanjeev Kumar 52 Saumya Saxena 59 Saurabh Purwar 68 Sharon 31 Suhas Vilas Powar '47 Suresh Jagannath Gadekar 85 Vaibhav Sinha Abhinav Gupta 15 57 Akshay Bansal 42 Anurag Singh Yadav 81 Ayush Jain 93 Harkirat Singh 04 Himanshu Gautam Kanhaiya Lal Chaurasiya 848 52 Karan Pal Singh Shekhawat 16 Md Ahsen Parwez 67 Nimish Kumar 623 Sachin Modi 83 Shivam Patel
- 96 Shrey Verma
- 708 Shubham Singhal
- 44 Suraj Bhadu
- 61 Tanmay Sanjay Jaipurkar
- 22 Vivek Raj
- 27 Yash Mahanot

#### n. Materials Science & Engineering n. Materials Science & Engineering

- 92 Anil Kumar Chauhan
- 48 Dharita Chandravanshi
- 85 Pankaj Kumar
- 90 Ravi Joham
- 36 Sandeep Kumar
- 45 Sanjay Manda
- 80 Shikhar Misra

B.Tech. – M.Tech. (Dual Degree)

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

B.Tech. Biological Sciences & Bioengineering - B.Tech. Mechanical Engineering -M.S. Ecomonics 11916740 Sumit Kumar Sharma

**B.Tech. Civil Engineering -M.S. Economics** 11916513 Pranay Jain

**B.Tech. Civil Engineering -M.S. Mathematics & Scientific Computing** Abhinav Kumar 11916017 11916401 Manas Bhatnagar

M.S. Mathematics & Scientific Computing 11916814 Vishal Tomar

**B.Tech. Materials Science & Engineering-**M.S. Economics 11916733 Sukant Kumar

## **B.Tech. – M.B.A. (Dual Degree)**

B.Tech. Civil Engineering - M.B.A. 11919516 Pranjal Singh

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

B.S. Chem	iistry-	1191703
M.S. Chem	histry	1191706
	-	1191714
11917308	Himanshu Mamtani	11917254
11917178	Ayush Asthana	1191727
11917132	Anubhav Vardhan	11917309
11917184	Ayush Nigam	1191738
11917329	Jagat Jyoti	1191738
11917363	Khalid Badi-Uz Zama	11917483
11917423	Mitali Agarwal	1191750
11917587	Raushan Kumar	11917503
		1191750
B.S. Econ	omics-	1191754
M.S. Econ	omics	11917564
11917024	Abhishek Gaurav	1191760
11917031	Abhishek Singh Shekhawat	1191764
11917061	Alisha Sarkar	11917658
11917103	Ankit Jain	11917669
11917118	Ankur Atul Agarwal	1191769
11917143	Anurag Siroliya	11917699
11917156	Ashish	1191770
11917157	Ashish Balotiya	1191771
11917252	Dhruv Goel	11917718
11917426	Mohit Batham	1191772
11917437	Monika Bhardwaj	1191772
11917445	Nafisa Lohawala	11917764
11917511	Pranav Bhargava	
11917545	Pusarla Shreya	B.S. Phy
11917546	Pushp Toshniwal	M.S. Phy
11917592	Reema Kumari	11917042
11917608	Rohan Bansal	1191704
11917631	Sambhav Kumar	1191705
11917702	Shubham Agarwal	1191708
11917791	Varun Pandit	1191713
11917796	Veerababu Moodu	1191715
		1191727
B.S. Mathe	ematics & Scientific Computing-	1191741
M.S. Mathe	ematics & Scientific Computing	11917743

M.S. Mathematics & Scientific Computing 11917016 Abhinav Gupta

11917018 Abhinav Mehta

49<sup>th</sup> Convocation, 2016



- 88 Aditya Kumar Akshay Singhal 60 Anurag Sahay 11 Dhwanit Agarwal 54 71 Gaurav Gupta )9 Himanshu Rai 36 Lakavath Rammurthy Naik Lakshya Khandelwal 37 Pankaj Gupta 33 00 Prabhash Kumar Mishra Pradumn Mohan Davey )3 )7 Prakhar Agrawal 17 Pushpendra Bhati Rahul Kumar Yadav 64 Riya Rana )7 Sandip Bisui 11 Satyam Kumar Shivam 58 Shah Saumya Shrenik 66 90 Shivyansh Tandon
- Shruti Agrawal 99
- )5 Shubham Pal
- 16 Singh Vivek Krishnakailash
- Siva Kumar Sindri 8
- 23 Sneha Rahar
- 28 Srijan Saket
- Tapas Agarwal 64

#### ysics-

#### **ysics**

- Aditya Tandon
- Ajesh K 17
- Akash Goel 50
- Aneek Biswas 38
- 37 Anurag Kaushal
- 53 Arunabh S Mukherjee
- 70 Gaurav Gautam
- Manoranjan 11
- Supranta Sarma Boruah 13

## MASTER OF BUSINESS ADMINISTRATION

13125049	Sayantan Ghosh
13125050	Shiva Kumar R
13125059	Winston James
14125002	Abdul Baree
14125003	Achyuta Bala Yesu
14125004	Amit Singh
14125005	Ankit Gupta
14125007	Avinash Verma
14125008	Ayan Mondal
14125009	Baid Shikhar Rajesh
14125010	Chhavi Kataria
14125011	Chirag Tanwar
14125012	Ganesh Shaji
14125013	Gaurav Girdhar
14125014	Agrawal Gourav Mahavirprasad
14125015	Harsh Srivastava
14125016	Himesh Anand

44405047	
14125017	Kshitij Sareen
14125019	Navneet Malviya
14125020	Nikhil P K
14125022	Pankaj Jain
14125023	Pankhuri Agarwal
14125024	Prakash Jacob Matthew
14125025	Purvesh Moghe
14125026	Raghav Sharma
14125027	Rajan Chauhan
14125028	Richa Singh
14125029	Sakshi Sharma
14125030	Shakti Chaturvedi
14125031	Shelbin Devassy
14125032	Sudhanshu Kumar
14125033	Vikrant Kumar Bishnoi
14125034	Vinay Chahal

## **MASTER OF DESIGN (M.Des.)**

13119002	Abhinav Basak	13119031	Tathagata Acharya
13119003	Ashutosh Kumar	13119034	Vimal Anand
13119005	Charu	13119036	Vivek Banra
13119007	Devender Kumar	14119004	Apporva Agrawal
13119012	Kirti	14119011	Mitali Bhasin
13119013	Kulwant Singh	14119014	Pankaj Rathoure
13119014	Manisha Soren	14119015	Prabhat Kumar
13119015	Midhun George	14119016	Pradeep Verma
13119016	Mohammad Asif	14119017	Prithvi Raj Ramakrishnaraja
13119017	Mohit Tewari	14119018	Rahul Kothari
13119018	Nikita Rawat	14119019	Rutu Panchal
13119022	Patole Aniket Shashikant	14119020	Sachin N P
13119023	Piyush Belchandan	14119023	Shobhit Gautam
13119024	Pulkit Saraswat	14119025	Sneha Parhi
13119025	Romil Dipak Desai	14119026	Sooraj B Ramachandran
13119026	Sangani Anand Nalinbhai	14119028	Kurade Sushil Suresh
13119027	Sanjeev Kumar	14119029	Swapnil Gupta
13119028	Shariq Meraj Khan	14119030	Swayamsiddha PanigraHI
13119030	Shweta J Kumar Nair		

## VISIONARY LEADERSHIP FOR MANUFACTURING PROGRAMME (PGPEX-VLFM)\*

15126001	Abhishek Kumar	1512602
15126002	Acharekar Sumedh Dilip	1512602
15126003	Amit Kumar Biswas	1512602
15126004	Anand Raghavan	1512602
15126005	Ankit Chowdhary	1512602
15126006	Ankur Gandotra	1512602
15126007	Anurag Pandey	1512602
15126008	Ashish Ranjan	1512602
15126009	Avinash Kumar Pandey	1512602
15126010	Deepak Sharma	1512603
15126011	Gopalsamy G	1512603
15126012	Jay Prakash Singh	1512603
15126013	Karthikeyan D	1512603
15126014	Kaushik Soundarajan	1512603
15126015	Navprakash Ganesan	1512603
15126016	Neeraj Kumar	1512603
15126017	Nimish Jain	1512603
15126018	Nitin Prayag	1512603
15126019	Pande Sarang Suhas	1512603
15126020	Pankaj Kumar Prashad	

\* This is one year Post Graduate Program for Executives and is jointly run by three Institutes – IIT Calcutta, IIT Kanpur and IIT Madras. The Candidates, this year, will be convocated at IIT Madras.

49<sup>th</sup> Convocation, 2016

MBA/MDES 20

49<sup>th</sup> Convocation, 2016



021	Parivesh Rajawat
022	Prateek Jain
023	Priham Dutta
024	Priyaranjan Pati
025	Radha Krishna Thanasekaran
026	Rajat Gupta
027	Rama Chandana Katreddi
028	Sandeepony Mishra
029	Santosh Kumar Panda
030	Saudaminiburdhan
031	Shaoni Majumdar
032	Shashi Yadav
033	Shiva Rama Krishna
034	Sumit Bhardwaj
035	Suraj R
036	Surendiran A
037	Tarun Kumar Mishra
038	Venkatesh Tangudu

039 Vikash Kumar

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

#### Chemistry

13866 14835 14836 14837 14838 14839 14840 14841 14842 14843 14844 14845 14846 14847 14848 14849 14850 14851 14853 14854 14855 14856 14857 14858 14859 14860 14861 14862 14863 14864 14865 14863	Raja Barenya Krushna Sahoo Amit Amritendu Sekhar Koley Anirban Bardhan Apala Chaudhuri Arindam Mondal Arun Singh Atanu Nandy Ayan Das Bhaskar Rana Bubai Majhi Debasis Pal Deblin Jana Indranil Samanta Joyanta Banerjee Karanika Sonowal Kiron Kumar Ghosh Manoj Kumar Oindrila Biswas Mahesh Minnath Parsutkar Phul Khungur Basumatary Prabhakar Kora Purusottom Das Rahul Mondal Rajib Karmakar Rakesh Maiti Ranajit Barman Ratan Logdi Roshayed Ali Laskar Rweetuparna Guha Saayak Halder Sachin Kumar Shaw Sandip Ghatak Sauroy Hazarika
	-
14868	Sayan Maity
14869	Shuvankar Naskar
14870	Soumen Ghosh
14871	Srijani Sarkar
14872	Srijita Bhowmik
14873	Subhadeep Paul
14874	Sumit Ghosh
14875	Sunny Das
	2

#### **Mathematics**

13890	Dilip Kumar
14876	Aakash Jain
14878	Abhishek Roy
14881	Ananya Manas

14882 Ankit Bhojak 14883 Arpan Baidya 14884 Ashlesha A Bhise 14885 Bidwan Chakraborty 14886 Chayan Karmakar 14890 Kamal Santra 14894 Manoj Kumar Partha Sil 14895 14897 Prashant Kumar Privabrata Mandal 14898 14899 Raghav Awasthi 14900 Ram Ji Pandey 14902 Samir Panja 14903 Sanieev Kushwaha 14904 Santanu Debnath Sayantan Maity 14905 14906 Shashikant Sk Rabiul Islam 14908 14909 Sudipa Mondal 14910 Sudipta Sarkar 14911 Sumit Kumar 14913 Surabhi Nishad 14914 Suraj Prakash Yadav Tapendu Rana 14915 14916 Viplove Pandey

#### **Physics**

12966 Arnab Mondal 13967 Debabrata Maii 13974 Nimish D 14958 Amiya Mishra Anup Kumar Bera 14960 14961 Anurag 14962 Aranya Bhattacharya 14964 Avijit Koley 14966 Barnali Das 14968 Biprojit Sana 14973 Manobina Karmakar 14976 Pratap Chandra Adak 14978 Rahul 14979 Riddhi Bandyopadhyay 14981 Saheb Ghosh 14983 Sandip Mondal 14984 Satyajit Barman Satyaki Sasmal 14985 14987 Shiladitya Porey 14990 Somnath Maitv 14991 Sonu Verma 14992 Soumak Maitra 14993 Sourav Manna

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

14933

Statict	
Statist	163

		14936
13923	Ajeet Kumar Yadav	14937
13928	Arbind Kumar Paswan	14938
13942	Priyanbada Paul	14939
13956	Souvik Naskar	14941
13958	Subha Das	14942
14917	Abhijnan Chattopadhyay	14943
14918	Akash Roy	14944
14921	Ankita Datta	14945
14922	Arghya Sahu	14949
14923	Arindam Biswas	14950
14925		14952
	Atmadeep Chakraborty	14953
14926	Avinash Kumari	14954
14929	Dipnil Chakraborty	14956
14930	Gaurav Agarwal	14000
14932	Kumar Satyam	

### **MASTER OF SCIENCE Degree under MS-PD (Dual Degree)**

11997	Vijay Shankar Prasad	13965
13963	Avijit Duley	13990

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

Chemistry		Mathe
Y8420	Ritesh Jain	Y9324
Y8290	Md. Tarique	10469
10350	Khedkar Abhishek Avinash	10540
10388	Manohar Sharma	10658
10398	Meghdeep Agrawal	10701
		10741
Econo	mics	10805
Y6550	Vivek Singh	
Y9100	Ankit Wadhwa	Physic
10310	Jashn Jain	Y9364
10343	Kartik Pahwa	10547
10488	Pawan Kumar	
10522	Prateek Yadav	
10653	Saurabh B Lakra	



Master of Science (2-Year) 22



Mallika Mahato Mayukh Mandal Mukul Malik Neeraj Kumari Prashant Kushwaha Priyajit Bishayee Pushpa Yadav Rahul Chowdhury **Rishikesh Yadav** Sachin Verma Sourav Patra Subhayan Dey Suman Patel Sweta Biswas Udita Sur Vasudha Ruhela

Bikash Ghosh Swayamshree Patra

#### ematics & Scientific Computing

- Manu C M Gowda
- Oajasavee Kumar Mourya
- Priyanshu Ranjit
- Saurabh Mittal
- Shubham Khandelwal
- Sunil Kumar
- Vimal Kumar Saket

#### CS

Neeraj Nagar Puneet Mishra

49th Convocation, 2016 Master of Science (2-Year) / MS-PD / (5-Year Integrated) 23

## **BACHELOR OF TECHNOLOGY (B.Tech.)**

#### **Aerospace Engineering**

11292	Harisankar T S
11327	Jadhav Prasad
11745	Suraj Jamra
11752	Swapnil Samir Poal
11775	Umang Shukla
12004	Aakash Kardam
12030	Abhishek Rahi
12108	Anand Kumar Gupta
12113	Anay Pattanaik
12169	Ashish Kumar Rai
12172	Ashish Shukla
12206	Challa Viswanatha Koushik
12410	Mistry Zubin Utpal
12429	Mutyala Devi
12489	Pradhumn Singh Yadav
12496	Pranav Rai
12508	Praveen Honhar
12575	Rishav Choudhary
12602	Sahil Biswas
12678	Shourya Umang
12824	Vishal Srivastava

#### **Biological Sciences & Bioengineering**

10326	K Tharunaditya
10355	Kshetrimayum Diana Devi
11011	Abhilash Mittal
11045	Ajay Kumar
11301	Hemant Meharchandani
12015	Abhilash Parvatina
12050	Aditya Raj Somani
12103	Amrita Singh
12145	Anurag Kumar
12165	Ashish Aggarwal
12204	Brijesh Kumar
12214	Chetas Sinha
12227	Deepak Kumar
12233	Deepika Sachan
12240	Dharmpal Singh Bangar
12262	Garima Chanalia
12378	Lakshya Sunariwal
12411	Mitesh Kumar Gupta
12512	Prince Kumar
12590	Romit Choudhary
12592	Rupesh Kumar
12595	S. Jithesh Mohan Kumar
12601	Sahars Kumar
12611	Sandarsh Pandey
12664	Shashwat Verma
12707	Shubham Tripathi
12827	Vishwa Raj Bhushan

#### **Chemical Engineering**

10042 10359	Aditya Singh Kulwinder Singh
10802	Vikash Pradhan
11288	Gundeep Kaur
11351	Kapil Regar
11439	Mude Veerabramhendra Naik
11491	Parth Vaswani
11532	Pratik Meher
11567	Rahul Ranjan
11609	Rohan Bishnoi
11748	Surendra Kumar Meena
11797	Vibhu Mohan Bajpai
12002	Aakanchha
12031	Abhishek Sharma
12059	Ajit Vikram
12073	Akshay Mahajan
12076	Akshayadeep Singh Chauhan
12084	Aman Jain
12093	Ameet Prakaash
12106	Anand Kaushal
12142	Anuja Pandey
12183	Ayush Agrawal
12184	Ayush Jaiswal
12196	Bhanu Pratap Singh Tanwar
12263	Garima Khandelwal
12268	Gaurav Laddha
12270	Gaurav Sethiya
12283	Harsh Faujdar Himanshu Gautam
12299 12351	
12351	Ketumaan Singh
12300	Kotha Akshay Kumar Reddy Lakshay Kumar Idiwal
12433	Navdeep Singh
12433	Nikita Agrawal
12448	Parul Agarwal
12400	Piyush Kumar Gupta
12488	Pradeep Kumar
12517	Priyanka Mittal
12523	Puru Goyal
12589	Rohit Verma
12596	Sabyasachi Verma
12672	Shivam Anand
12695	Shubham Jain
12712	Shweta Shrivastava
12713	Shyam Sundar Gupta
12741	Surendra Kumar Meena
12743	Sushmita Shubham
12767	Ujjwal Katiyar
12821	Vishal Goyal
12835	Yogendra Pratap

## **BACHELOR OF TECHNOLOGY (B.Tech.)**

Civil Engineering 123 123		
VOOGO	Alcohov Singh	12424
Y9060	Akshay Singh	12425
10038	Abu Hakim Khan	12440
10331	Kakani Rajanikanth	12473
10440	Navneet Kumar Chaubey	12474
10565	Rahul Singh	12516
10797	Vijay Kumar	12536
11029	Abhishek Kumar Singh	12546
11167	Ashutosh Agarwal	12558
11192	Barnaravuri Panduranga Vital	12567
11277	Gaurav Maan	12570
11290	Hansraj Meena	12573
11291	Hariom Meena	12605
11306	Himanshu Kumar	12649
11371	Sarvesh Deepak Koyande	12688
11403	Manish Kumar	12696
11407	Manjeet Singh	12708
11501	Prabhat Yadav	12745
11576	Rajeev Ranjan	12748
11783	Vaibhav Kumar Singhania	12754
11798	Vijay Devra	12761
11802	Vikas Kumar Bharti	12773
11820	Vivek Kumar	12787
11830	Yash Thakur	12794
12022	Abhishek Choudhary	12801
12036	Abuzar Gaffari	12820
12039	Adarsh Kumar	12822
12042	Adil Sabih	
12062	Akash Deep Vishwakarma	Comp
12094	Ami Bhaskar Tanna	comp
12101	Amit Sharma	\/0000
12102	Amrendra Rajan	Y9086
12107	Anand Kumar	Y9142
12127	Ankit Samantara	Y9197
12131	Ankush Kothari	10066
12132	Ankush Saharan	10379
12137	Anuj	10767
12182	Ayush Aggarwal	11008
12195	Bhanu Pratap Chaudhary	11101
12207	Chandan Garg	11209
12265	Gaurav Choudhary	11319
12282	Harpreet Pal Singh Chatha	11538
12286	Harsh Toshniwal	11615
12295	Hemant Dhaked	11624
12311	Jaskaranjit Singh Rai	11756
12317	Jay Karan Yadav	12008
12334	Kailash Kumar	12014
12339	Kamesh Azad	12016
12343	Kartic Sahu	12043
12345	Kartik Gupta	12045
12354	Khemendra Raj Pingoliya	12055
12362	Krishna Kumar Chandak	12056

Madhav Kumar Madhav Ranchhodbhai Sakariya Mukesh Kumar Bankoliya Mukesh Kumar Meena Nidadavolu Sridurga Pawan Dudeja Pawan Kumar Madhesiya Priyanka Meena Rahul Kumar Mahawar Rajat Maheshwari Ramlal Mundel Ravi Prakash Meena Ravi Sehare **Rishabh Bansal** Saloni Jaju Shahryar K. Ahmad Shubham Agrawal Shubham Kamal Shubham Verma Suyash Dwivedi Suyash Yadav Tanul Abroal Tejas Baid Utkarsh Yadav Veena Ahirwar Vijay Kumar Meena Vikramjeet Singh Vishal Vishal Kumar

#### puter Science & Engineering

Aniruddh Vyas Ashish Anand Devvarat Meena Aman Bhati Manav Garg Triya Bhattacharya Abhay Kumar Anjani Kumar Bunedri Vivek Irfan Hudda Prem Nath Bharti Rohit Kumar Jha Sahil Solanki Swaroop Singh Deval Aayush Mudgal Abhilash Kumar Abhimanyu Jain Asati Aditya Bhutra Aditya Modi Ajay Sharma Ajay Singh

## **BACHELOR OF TECHNOLOGY (B.Tech.)**

12067	Akshat Bhatnagar
12068	Akshay Aggarwal
12085	Aman Kumar
12096	Amit Kumar
12109	Anand Pandey
12128	Ankit Singh
12129	Ankita Pasricha
12148	Anusha Chowdhury
12150	Aradhana Singh
12152	Archit Rathore
12157	Arnab Ghosh
12161	Arpit Shrivastava
12166	Ashish Batler
12178	Avikalp Kumar Gupta
12185	Ayush Sekhari
12218	Chirag Gupta
12228	Deepak Kumar
12243	Dhruv Singal
12250	Durgesh Deep
12264	Garvit Pahal
12279	Hardik Bansal
12288	Harshit Agrawal
12307	Ishaan Kumar
12308	Jaikishan Rupani
12342	Karan Bansal
12368	Kumar Gaurav
12372	Kumavath Varshini
12374	Kundan Krishna
12383	Lucky Sahani
12403	Masare Akshay Sunil
12416	Mohit Mahore
12419	Mohit Singh Solanki
12454	Nishant Kumar Sunny
12461	Palash Sharma
12470	Patil Nikhil Jaywant
12475	Peeyush Agarwal
12485	Prachi Gupta
12497	Pranav Ravindra Maneriker
12519	Priyaranjan
12529	Rahul
12532	Rahul Gurjar
12537	Rahul Mehra
12538	Rahul Nayak
12543	Rajat Chaudhary
12560	Ratnesh Jamidar
12585	Rohit Anurag
12591	Rounak Poddar
12604	Sakshi Gupta
12615	Sandip Kumar
12616	Sanil Jain
12633	Satvik Gupta
12640	Saurav Shekhar
12641	Saurav Kumar
12658	Sharbatanu Chatterjee

12687	Shubham Agrawal
12710	Shubhangee Verma
12714	Siddhant Manocha
12715	Siddhant Saurabh
12729	Srikant Singh
12734	Sudhir
12738	Sunil Chaudhary
12775	Utsav Sinha
12793	Vicki Anand
12823	Vishal Singh Arya
12831	Viveka Kulharia

#### **Electrical Engineering**

Y9118	Anurag Kumar
10147	Arun Kant Sharma
10527	Praveen Kumar
10639	Sandeep Singh
11039	Aditya Kumar Gupta
11054	Akash Raj
11099	Anirudha Tolambia
11202	Bhole Pushpak Sopan
11312	Ahamed Hasan
11314	Hritesh Ranjan
11665	Sawan Srivastav
11754	Swapnil Upadhyay
11772	Udit Pushkar
11790	Varun Kumar
12003	Aakash Ghosh
12006	Aarshee Mishra
12010	Abhay Agarwal
12011	Abhay Kumar
12013	Abhijeet Sinha
12020	Abhishek Bargujar
12021	Abhishek Chaurasia
12026	Abhishek Kumar Singh
12032	Abhishek Singh Rajput
12035	Abhishek Yadav
12038	Adarsh Jain
12066	Akhilesh Kumar Maurya
12077	Alankrita Bhatt
12091	Amar Chand
12105	Anadi Chaman
12117	Ankesh Kumar Pandey
12118	Ankesh Nehara
12120	Ankit Goyal
12125	Ankit Raj
12135	Anshuman Mitra
12136	Anubhav Khandelwal
12155	Arjun Singh Bhadauriya
12158	Arpit Agarwal
12159	Arpit Agarwal
12168	Ashish Kumar

## **BACHELOR OF TECHNOLOGY (B.Tech.)**

12177	Avi Singh	12709
12186	Ayushi Singhal	12717
12199	Binod Kumar	12718
12200	Bipin Kumar	12721
12205	Chahat Bajpai	12735
12216	Chinmay Kumar	12737
12221	Dathi Swathi	12751
12222	Daya Shankar	12752
12238	Dharmendra Mahajani	12755
12241	Dheerendra Kumar Mehar	12762
12242	Dhirendra Soni	12776
12245	Dinkar Bhai Patel	12790
12252	Ekansh Gupta	12795
12256	Gagandeep Singh Jossan	12805
12287	Harsh Vardhan Chhangani	12807
12306	Ish Kumar Jain	12809
12310	Jashwant Yadav	12811
12316	Jawan Singh Meena	12814
12319	Jay Pandya	12816
12324	Jitender Singh Shekhawat	12010
12347	Kartik Singh	Materi
12355	Khushboo Yaday	
12376	L S Vishnu Sai Rao	Y9098
12391	Mahendra Kumar Meena	Matar
12444	Nikhil Kumar Singh	Materi
12446	Nikhil Rastogi	
12453	Nishant Chohla	11007
12459	P Arun	11049
12469	Patel Atishkumar	11102
12487	Pradeep Kumar	11110
12493	Prakash Vishnoi	11286
12494	Prakhar Jain	11342
12495	Pranav Kumar	11361
12502	Prasham Jain	11382
12503	Prashant Chawla	11443
12510	Prawaal Kumar Pandey	11520
12533	Rahul Jadam	11540
12547	Rajat Rathore	11549
12578	Rishi Gupta	11561
12580	Rittik Mondal	11639
12597	Sachit Agarwal	11651
12603	Sahil Dev	11659
12613	Sandeep Maharia	12048
12636	Saurabh Aggarwal	12052
12638	Saurabh Sagar	12060
12642	Saurav Prakash	12078
12646	Shafeequl Islam	12088
12651	Shailendra Agrawal	12121
12656	Shantanu Tewari	12122
12682	Shreya Bharti	12130
12683	Shreyash Pandey	12153
12686	Shruti Jain	12160
12689	Shubham Atreja	12209
12700	Shubham Kumar Sharma	12215



Shubham Yadav Siddharth Prusty Siddharth Singh Dangi Sidhant Prakash Khatri Sukhsand Singh Sunil Bhat Swechha T D Sai Sravan Reddy Tanushree Gupta Thirukovalluru Raghuveer Uttam Chand Vibhor Agnihotri Vikas Bhoria Vikrant Singh Vinay Kumar Vinayak Goyal Vineet Kumar Vinod Sujeriya Vipul Kumar

#### rials & Metallurgical Engineering

Ankit Kumar Pandey

#### rials Science & Engineering

Abhay Kumar Akash Chandra Ankit Himanshu Ankit Kumar Nayak Gudla Siva Narayana Jyoti Prakash Ketan Jain Kunal Mahawar Mukul Raju Bhagia Pranshu Panwar Prince Raj Pusuluri Sandeep Rahul Kumar Sandeep Kumar Aitha Sapavath Amitha Satyanshu Kumar Aditya Pratap Singh Aditya Shankar Akash Bajaj Alkesh Kumar Sinha Aman Singhal Ankit Gupta Ankit Kumar Ankur Patel Archit Agrawal Arpit Kabra Chandrakanta Chethana A



## **BACHELOR OF TECHNOLOGY (B.Tech.)**

40000	
12229	Deepak Kumar Yadav
12231	Deepak Sachan
12275	Gulzerwad Pritul Ramdas
12305	Imon Kumar Bose
12331	K Narayanamurthy
12337	Kalit Kumar Singh
12338	Kamal Kishore
12365	Kuldeep Merottha
12367	Kumar Aniket
12404	Mayank Ahuja
12412	Mithilesh Vaddadi
12437	Neel Sharma
12466	Parate Akshay Pralhad
12501	Pranshul Jain
12507	Prateek Mishra
12514	Priya Kumari
12520	Proneet Verma
12522	Punkesh Kumar
12542	Raja Ashutosh Kumar Buddhiraju
12553	Rakesh Yadav
12572	Ravish Agrawal
12588	Rohit Singh
12614	Sandeep Meena
12626	Sarthak Gupta
12655	Shantanu Sharma
12676	Shivam Tripathi
12685	Shriya Singh
12722	Simran Meena
12725	Sorab Baheti
12730	Srishti
12732	Subhrajeet Paul
12786	Vatsal Sharma

#### **Mechanical Engineering**

10187	Banothu Suresh
11053	Akash Kumar
11158	Ashish Dabas
11159	Ashish Dayama
11170	Ashwini Chauhan
11200	Bhawar Sumeet Ashok
11242	Deeptanshu Singh Raghav
11249	Dheerendra Kumar
11353	Karan Shaha
11455	Neeraj Lalotra
11463	Nilanjan Maiti
11473	Nitin Prakash Mahour
11537	Preetish Jaiswal
11679	Shibendu Saha

11679 Shibendu Saha

Vikas Chandrawat 11801 12009 Aayush Sultania 12058 Ajinkya Bagait 12061 Akash Deep Kujur 12071 Akshay Kumar 12075 Akshay Vijay Chaudhari Anuj Kumar 12138 12140 Anuj Sharma 12203 Braiesh Singh Daya Shankar Prajapati 12223 12225 Deep Goel 12244 Dinesh Kumar 12254 Gagan Chandra Das 12259 Gaiendra Singh Meena 12261 Ganeswar Mardi Gaurav Gupta 12267 12271 Gautam Pratap Singh 12302 Hiren Mittal 12312 Jaskeerat Singh 12353 Kewal Shah 12395 Manas Bharti 12405 Mayank Jain 12413 Mohammad Asif Khan Mohammad Osama 12414 12420 Mohit Singhal 12427 Mukund Tibrewal 12445 Nikhil Kurele 12478 Piyush Jain Prachi Mishra 12486 12524 Pushapjeet Singh 12526 Rachit Bhardwaj Rahul Ranjan Kumar 12540 Rajni Kant Bansal 12550 12569 Ravi Ranjan 12594 S Gautham Raj 12622 Sanny Kumar 12667 Shete Mihir Hemant 12671 Shivam Agarwal 12680 Shreshtee Yadav Shrev Singhal 12681 12705 Shubham Singh Kutiyal 12711 Shubhankar Gupta 12749 Swapnil Jain Udit Patel 12766 12772 Utkarsh Srivastava Varun Rai 12784 12796 Vikas Bishnoi

Vineet Kumar Singh

## **BACHELOR OF SCIENCE (B.S.)**

Chomi	otry	11283
Chemi	Suy	11205
		11451
11111	Ankit Meena	11487
11667	Sayan Das	11515
12617	Sanjana Gopalakrishnan	11630
12654	Shalini Gupta	11732
12720	Siddhartha Keshari	11767
		12024
Econo	mics	12024
		12352
11199	Bhawar Pal Meena	
11281	Gogineni Venkata Sritha	12381
12005	Aakriti Mittal	12431
12000	Abhinav Baber	12462
12040	Adhiraj Arora	12467
12083	Aman Bhagat	12531
12151	Archish Mazumdar	12565
12291	Harshita Varshney	12607
12344	Kartik Agarwal	12665
12513	Priya Agarwal	12666
12577	Rishav Raj Agarwal	12679
12606	Saloni Mittal	12792
12600	Sarthak Tayal	12826
12021	Saltiak layal	12828
Mathe	matics & Scientific Computing	Physic
11058	Akshay Gupta	11810

11058	Akshay Gupta	11819
11082	Amitanshu Gupta	12499
11107	Ankit Kumar	12778
11174	Avinash Kumar	



12812

49<sup>th</sup> Convocation, 2016



Gorank Dudeja Kushang Narendra Roy Paritosh Yadav Pranjal Jaiswal Samarth Bansal Sujit Kumar Tarun Meena Abhishek Kumar Kadi Vinay Sameer Raja Kirtan Shyamal Padh Lokesh Nalin Dhameliya Panga Charan Santosh Kumar Parikshit Khanna Rahul Agarwal Ravi Kumar Rajput Samadipa Saha Sheallika Singh Shehzad Hathi Shreesh Ladha Vibhuti Mahajan Vishesh Srivastava Vishwas Bhargava

#### cs

Vivek Kumar Pranjul Yadav V Jayameenakshi

#### **DOUBLE MAJOR**

B.Tech. Biological Sciences & Bioengineering-Second Major Computer Science & Engineering

11784 Vaishnav Eeshit Dhaval

**B.Tech. Chemical Engineering**-**Second Major Computer Science & Engineering** 

11168 Ashutosh Kumar

B.Tech. Chemical Engineering-**Second Major Economics** 

11330 Jai Prakash Menaria

B.Tech. Civil Engineering-**Second Major Computer Science & Engineering** 11040 Aditya Nigam

B.Tech. Civil Engineering-Second Major Mechanical Engineering 11580 Rajkamal Kumar

B.Tech. Computer Science & Engineering – Second Major Mathematics & Scientific Computing

11493 Utkarsh Sanjay Patange

**B.Tech. Electrical Engineering**-**Second Major Computer Science & Engineering** 

> 11171 Atri Bhattacharyya 11266 G V S Sasank Mouli 11372 Krishna Chaitanya K

B.Tech. Materials Science & Engineering-Second Major Electrical Engineering

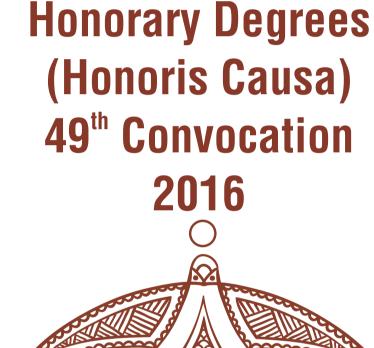
11078 Ameya Suhas Sathe

**B.S. Mathematics & Scientific Computing –** Second Major Computer Science & Engineering 11362 Khagesh Patel

**B.S. Physics –** Second Major Computer Science & Engineering 11081 Amit Munje



**Double Major** 





## HONORARY DEGREE (Honoris Causa) Forty Eighth Convocation, 2015

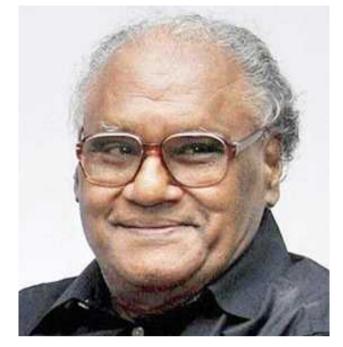


#### **Mr. Viswanathan Anand** India's First Ever Chess Grandmaster and Former World Chess Champion

Mr. Viswanathan Anand is the first ever Chess Grandmaster from India and a former World Chess Champion, who made chess immensely popular in the country and has inspired generations of top ranking players from India. Mr. Anand was educated at Don Bosco Matriculation Higher Secondary School, Chennai and holds a degree of Bachelor of Commerce from Loyola College, Chennai. He learned to play chess from his mother and family friends at a tender age and became the youngest Indian to earn the international master title at the age of fifteen. At the age of seventeen, Mr. Anand became the first Asian to win the 1987 FIDE World Junior Championship and emerged as the first grandmaster from India in 1988. In 1988, he was awarded the Padma Shri at the age of eighteen, the youngest ever to receive this national award. Mr. Anand won the FIDE World Chess Championship in 2000 for the first time and, thereby, became the first Indian to win the coveted world title. Mr. Anand once again became World Champion in 2007 by winning that year's FIDE World Championship Tournament, defeating a host of top chess players in the world. This second victory made him the undisputed World Chess Champion since the tournament represented the reunification of the FIDE World Championship and its rival "Classical" World Championship held by Mr. Vladimir Kramnik. Mr. Anand successfully defended his World Chess Championship in 2008, 2010, and 2012. Mr. Anand is the only player to have won the world chess championship in tournament, match, and knockout format, as well as in rapid time control mode.

Mr. Anand has received many national and international awards and recognition for his outstanding contribution to chess. The Indian government awarded him the Arjuna Award (1985), Padma Shri (1988), the inaugural Rajiv Gandhi Khel Ratna Award (1992), Padma Bhushan (2001) and the Padma Vibhushan (2007). The Chess Oscar Award, given by the Russian Chess Magazine 64 to the best player of the year, was conferred on Mr. Anand in the years 1997, 1998, 2003, 2004, 2007, and 2008. Mr. Anand also received Jameo de Oro, the highest honor given by the Government of Lanzarote in Spain (2001), "Global Strategist Award" by NASSCOM (2011), and the Russian Order of Friendship award (2014). A minor planet was also named after Anand in the year 1988.

## HONORARY DEGREE (Honoris Causa) Forty Ninth Convocation, 2016



#### **Prof. Chintamani Nagesa Ramachandra Rao** National Research Professor, Linus Pauling Research Professor and Honorary President, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)

Prof. Chintamani Nagesa Ramachandra Rao (C.N.R. Rao) is a National Research Professor, Linus Pauling Research Professor and Honorary President of the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), which he founded in 1989. Prof. Rao is an outstanding scientist of international repute and has made pioneering contributions over past five decades in the areas of solid state and materials chemistry, including transition metal oxides and other extended inorganic solids, inorganic-organic hybrid materials, nanomaterials, graphene, artificial photosynthesis and hydrogen generation.

Prof. Rao received the M.Sc. degree from Banaras, Ph.D. from Purdue and D.Sc. from Mysore universities. He started his academic career at IISc, Bangalore (1959-1962) and came to IIT Kanpur in 1963, and made stellar contributions during the formative years of the Institute as Head, Department of Chemistry, and as the Dean of Research and Development. Subsequently, Prof. Rao relocated to Indian Institute of Science Bangalore, to establish Solid State and Structural Chemistry Unit, and then served as Director, IISc Bangalore, from 1984 to 1994.

Prof. Rao is a scientist par excellence, which is reflected in over 1600 high quality, high impact research articles and 50 books, with combined citations more than 88,000 and an h-index of 131. He has received numerous awards and recognitions that include Honorary Doctorates from 70 universities around the world, 30 fellowships and memberships of leading Academies of the world, and important national and international awards such as Marlow Medal of the Faraday Society (1967), Shanti Swarup Bhatnagar Prize (1968), The Royal Society of Chemistry (London) Medal (1981), Einstein Gold Medal of UNESCO (1996), India Science Award (2004), Chemical Pioneer award of the American Institute of Chemists (2005), Dan David Prize of Israel (2005), Nikkei Asia Prize for Science, Technology and Innovation of Japan (2008), Order of Friendship by the President of Russia (2009), The Hughes Medal (2000) as well as the Royal Medal (Queen's Medal) by the Royal Society, London (2009), the August Wilhelm von Hofmann Medal by the German Chemical Society (2010), Ernesto IIIy Trieste Science Prize (2011), and The Order of the Rising Sun, Gold and Silver Star, by the Emperor of Japan (2015). Prof. Rao is a Fellow of the Indian Science Academies, The Royal Society, London, and Foreign Associate, U.S National Academy of Sciences, USA and foreign member of French, Russian, Japan, Australian, Chinese and Brazilian and several other academies.

Prof. Rao has contributed to science policy, planning and cooperation by serving as Chairman of the Science Advisory Council to the Prime Minister (1985-89, 2004-2014); President, Indian National Science Academy; Chairman, Advisory Board, Council of Scientific and Industrial Research (India); Member, University Grants Commission, India; Member, Planning Commission, Government of India; Chairman, Standing Committee of the Council of IITs and Indian Institutes of Science Education and Research (IISER); Chairman, Board of Governors of IIT Kanpur, and at international level being the founding Fellow of The World Academy of Sciences (TWAS) (and later President), and President, International Union of Pure & Applied Chemistry (IUPAC).

For his contributions to Indian Science, Prof. Rao was conferred Padma Shri in 1974, Padma Vibhushan in 1985 and Karnataka Ratna in 2001. His authoritative research in chemical sciences and efforts to place Indian science on the world map, was recognized by the conferrment of Bharat Ratna in 2014.

49th Convocation, 2016

49<sup>th</sup> Convocation, 2016

Honorary Degrees 2016



## **HONORARY DEGREE RECIPIENTS**

Second Convocation 196	7 Prof. Norman C. Dahl First Kanpur Indo-American Programme Leader Doctor of Science
	Shri Morarji R. Desai Deputy Prime Minister of India Doctor of Letters
Fourteenth Convocation 198	1 Prof. P. K. Kelkar Former Director, IIT Kanpur and IIT Bombay Doctor of Science
Thirty Second Convocation 200	0 Dr. A. P. J. Abdul Kalam Principal Scientific Adviser, Government of India Doctor of Science
Forty Second Convocation 201	0 Dr. Manmohan Singh Prime Minister of India Doctor of Science
Forty Fifth Convocation 201	3 Prof. Ashoke Sen Professor of Physics, Harish Chandra Research Institute Doctor of Science
	Shri N. R. Narayana Murthy Founder, Infosys Ltd. Doctor of Science
Forty Sixth Convocation 201	4 Prof. V. Rajaraman Honorary Professor Indian Institute of Science, Banglore Doctor of Science
	<b>Dr. Arun Shourie</b> Journalist, Former Register and Union Minister <b>Doctor of Science</b>
Forty Seventh Convocation 201	5 Prof. Rakesh Jain Director, E.L. Steele Laboratory of Tumor Biology, Massachusetts General Hospital Doctor of Science
	<b>Prof. T.V. Ramakrishnan</b> Emeritus Professor, Banaras Hindu University <i>Doctor of Science</i>
Forty Eighth Convocation 201	5 Dr. Pawan Kumar Goenka Executive Director, Mahindra & Mahindra Limited Doctor of Science
	<b>Mr. Viswanathan Anand</b> India's Chess Grandmaster and Former World Chess Champion <b>Doctor of Science</b>

Awards & **Honours 49<sup>th</sup> Convocation** 2016

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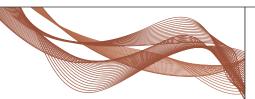
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Honorary Degrees 2016 34









## PRESIDENT'S GOLD MEDAL

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

## **AYUSH SEKHARI** COMPUTER SCIENCE & ENGINEERING

## **Past Recipients**

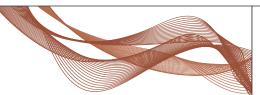
1965 1966	Avadhesh Kumar Nigam Kul Bhushan Ohri	1992 1993
1967	Shashi Kumar Singhania	1994
1968	Santosh Kumar Gupta	
1969	Ashok Kumar Chandra	
1970	Prabhakar Goel	
	Sartaj Kumar Sahni	
1971	Dhiraj Kumar Sharma	1995
1972	Sudershan Kumar Gupta	
1973	Aditya Kumar Gupta	
1974	Anupam Khanna	1996
1975	Sudhir Vyas	
1976	Sanjay Kumar Bose	
	Suresh Kumar Lodha	1997
1977	Anurag Kumar	1998
1978	Pingali Keshav Kumar	1999
	Christopher J. J. Flores	2000
	Raghvendra Sahai	2001
1979	Manvendra K. Dubey	2002
1980	Sanjiva Keshav Lele	2003
1981	Sanjay Kasturia	2004
1982	Amod Arvind Ogale	2005
	Gopal Raghavan	2006
1983	G. N. Srinivasa Prasanna	
1984	Alok Tandon	2007
1985	Upmanyu Madhow	2008
	Mani Bhushan Srivastava	2009
1986	Rajesh Kumar Pankaj	2010
1987	Rajiv S. Alur	2011
	Dinesh Chandra Verma	2012
1988	Ashish Gupta	
1989	Vineet Gupta	
1990	V. Ramesh	2013
	Vivek Bhatt	2014
1991	Sudershan Chawathe	2015

"Only those who attempt the absurd can achieve the impossible" — Albert Einstein



Venkat Krishnamurthy Garud N. R. Arvind Rajaraman Alok Agrawal Amit Mehrotra Khurram Sajid Shaz Qadeer Shiraz Naval Minwalla Gokul Rajaram Sudipto Guha Anupam Gupta Geeta Tarachandani Saurabh Tripathi Sudipta Sengupta Rupak Majumdar S. Viswanath Sumit Gulwani Sourav Chatterji Utkarsh Hriday Srivastava Shaunak Sen Yogeshwer Sharma Madhur Tulsiani Abhinav Agarwal Subhojoy Gupta Ravishankar Sundararaman Anindya De Piyush Srivstava Nerella Tejaswi Venu Madhav Mohit Mittal Shubhayu Chatterjee Ankit Kumar Ashish Gupta Shubham Tulsiani Nitish Kumar srivastava Karan Singh

Awards & Honours 37





#### **DIRECTOR'S GOLD MEDAL**

Outstanding all round achievement and leadership among students graduating in all 5-year undergraduate programmes

> **UNNAT JAIN Electical Engineering**



### **CADENCE GOLD MEDAL**

For the best thesis in 5-year programmes

**UNNAT JAIN Electrical Engineering** 



### **DIRECTOR'S GOLD MEDAL**

Outstanding all round achievement and leadership among students graduating in all 4-year undergraduate programmes

> **SHALINI GUPTA** Chemistry



For the best thesis in 2-year M. Tech. / MS by Research programmes across all departments

> **RUBIA HASSAN** Materials Science & Engineering



#### **RATAN SWARUP MEMORIAL PRIZE**

Best all rounder among students graduating in the 4-year and 5-year undergraduate programmes

**ANURAG SAHAY Mathematics & Scientific Computing** 



## **DR. SHANKER DAYAL SHARMA MEDAL**

Best all round graduating student in M. Tech./ MBA/M. Des/MS by Research/Ph.D./M.Sc.-Ph.D. Dual Degree programmes based on general proficiency including character and conduct, excellence in academic performance, extra-curricular activities, and social service



49<sup>th</sup> Convocation, 2016

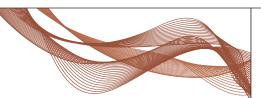


across all departments

#### **CADENCE GOLD MEDAL**

#### PRITHVI RAJ RAMAKRISHNARAJA **Design Programme**

Awards & Honours 39



Vishal Srivastava

Shubham Tripathi

Puru Goval

Anand Kumar

Shalini Gupta

Abhinav Gupta

Dhwanit Agarwal

Arunabh S Mukherjee

Aakriti Mittal

Akash Bajaj

Ayush Shekhari

Abhishek Kumar Singh

## **GENERAL PROFICIENCY MEDALS**

Best academic performance among graduating students of the 4-year/5-year and 2-year M.Sc. programmes in each of the departments

12824

12707

12523

12107

12185

12026

12654

12005

11907015

11917254 12060

11917153

## **4-Year and 5-Year Undergraduate Programmes**

Aerospace Engineering
Biological Science & Bioengineering
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Electrical Engineering
Chemistry
Economics
Mechanical Engineering
Mathematics
Materials Science & Engineering
Physics

#### Master of Science 2-Year

Chemistry	14872	Srijita Bhowmik
Physics	14966	<b>Barnali</b> Das
Statistics	14918	Akash Roy

#### **PROFICIENCY PRIZES/MEDALS**

Best undergraduate project work done by graduating students in the 4-year/5-year and 2-year M.Sc. programmes in each of the departments

### **4-Year and 5-Year Undergraduate Programmes**

Aerospace Engineering	12508	Praveen Honhar
Biological Science & Bioengineering	11907456	Neha Ashok Waghmare
Mechanical Engineering	12478	Piyush Jain
Materials Science & Engineering	12676	Shivam Tripathi

### Master of Science (2-Year)

Chemistry	14872
Mathematics	14914
Physics	14966

Srijita Bhowmik
Suraj Prakash Yadav
Barnali Das

### IIT KANPUR EXCELLENCE AWARDS

#### **COMMUNITY SERVICE**

For outstanding work in various aspects of community service

**PRAVEEN HONHAR Aerospace Engineering** 

> **JEENU THOMAS Civil Engineering**

**KARN VOHRA Civil Engineering** 

MANORANJAN **Physics** 

## **ART & CULTURAL ACTIVITIES**

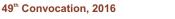
For outstanding work in various fields of art and cultural activities

**ADITYA RAJ SOMANI Biological Science & Bioengineering** 

> SABYASACHI VERMA **Chemical Engineering**

**PRIYA AGARWAL Economics** 

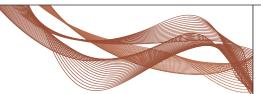
**VISHWAS BHARGAVA Mathematics & Scientific Computing** 



40 **Awards & Honours** 

49<sup>th</sup> Convocation, 2016





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

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

> SHUBHAM ATREJA **Electrical Engineering**

**GAUTAM PRATAP SINGH Mechanical Engineering** 

**VIKAS BISHNOI Mechanical Engineering** 

**ANURAG SAHAY Mathematics & Scientific Computing** 

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

For outstanding academic performance in 2-year M. Tech. programme in the area of Structural Engineering of Civil Engineering department

**ANU ABRAHAM** 

### **CADENCE SILVER MEDAL**

For the best thesis in 2-year M. Tech. programmes in Computer Science & Engineering / Electrical Engineering departments

> SHIVANSHU AGRAWAL **Computer Science & Engineering**



**IEEE/PEDES'96 AWARD** 

For the outstanding 2-year M. Tech. graduating student of Electrical Engineering department in the area of Power Electronics and drives

**NIKUNJ AGARWAL** 

## **DR. S. D. BOKIL MEMORIAL MEDAL**

For the best academic performance in the M.Tech. programme in Environmental Engineering and Management Programme

**ANSHUMAN SATPATHY** 

## **PROF. VIJAY MAHAJAN GOLD MEDAL**

For the best academic performance in the MBA programme of Industrial & Management Engineering department

**RAGHAV SHARMA** 

## S. N. MITTAL GOLD MEDAL

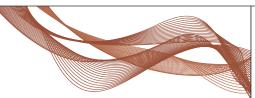
Best all rounder among graduating students in M. Tech. or MBA programme of Industrial & Management Engineering department

**RITIKA KAPOOR** 

49<sup>th</sup> Convocation. 2016

Awards & Honours 42

**Awards & Honours** 



#### SHAILJA SRIVASTAVA AWARD

For the meritorious non-doctoral student entering in final year in Industrial & Management Engineering or Mathematics & Statistics departments

#### S.K. RAFI AHMED Industrial & Management Engineering

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

The best graduating student in M. Tech. / M.S. by Research programme of the Materials Science & Engineering department with thesis in the area of physical metallurgy/material processing

#### **TAZUDDIN**

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

Graduating 2-year M. Tech. student of Materials Science Programme or Materials Science & Engineering department having the highest CPI

#### **RUBIA HASSAN**

**Materials Science & Engineering** 

### MEHTA M. TECH. GOLD MEDAL AWARD

For the best academic performance in 2-Year M.Tech. programme of Mechanical Engineering department.

#### **DIPAYAN MUKHERJEE**

49<sup>th</sup> Convocation, 2016



Awards & Honours 44

#### RANJAN KUMAR MEMORIAL AWARD

For the best socially relevant project by any graduating student(s) of any department

**APOORVA AGARWAL MITALI BHASIN SACHIN NP** SWAYAMSIDDHA PANIGRAHI **SNEHA PARHI Design Programme** 

## **BINAY KUMAR SINHA AWARD**

For executing a project that solves a problem affecting common people

SHIVAM TRIPATHI Materials Science & Engineering

## **BANCO FOUNDATION PRIZE**

For best academic performance in the B.Tech. programme Mechanical Engineering

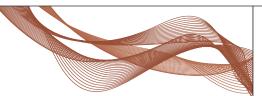
**ABHINAV GUPTA** 

## **BATRA GOLD MEDAL**

For best academic performance Materials Science & Engineering

**AKASH BAJAJ** 





#### SUMAN GUPTA GOLD MEDAL

For the best academic performance in 4-year/5-year programmes of the Mathematics & Statistics department

#### **DHWANIT AGARWAL**

#### **BHAGWAN DAS SANGHI MEMORIAL GOLD MEDAL**

To the best graduating student in the 5-year programme with B. Tech. / B.S. in any department and MS in Mathematics & Scientific Computing

#### **DHWANIT AGARWAL**

**Mathematics & Scientific Computing** 

#### **DR. PRATEEK MISHRA MEMORIAL GOLD MEDAL**

For the best academic performance in 4-year/5-year programmes of the Electrical Engineering department

**ABHISHEK KUMAR SINGH** 

#### **BHAGAVATULA PROJECT AWARD**

Best project work among all graduating 4-year/5-year programme Students in the Physics department

#### **ARUNABH S. MUKHERJEE**



Awards & Honours 46

## **KUNWAR DEVENDRA PRATAP SINGH & KUNWARANI KRISHNA KUMARI MEMORIAL AWARD**

For the best undergraduate project by graduating 4-year/5-year programme student of Aerospace Engineering department

**PRAVEEN HONHAR** 

## **BHAGWANI DEVI MAHESHWARI GOLD MEDAL**

For the best all round graduating girl student in the 4-year/5-year programme with academic excellence, social awareness, leadership qualities and extracurricular involvement

> **SHALINI GUPTA** Chemistry

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

For the outstanding all round achievement among graduating students in 4-year/5-year programme in the Civil Engineering department

**TEJAS BAID** 

## **SIIC STUDENT INNOVATION AWARD (SSIA)**

For the best innovative project in path breaking technology of global importance in any domain

> **Amit Singh Chauhan Civil Engineering**

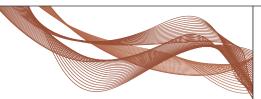
**Mukund Tibrewal Mechanical Engineering** 



49<sup>th</sup> Convocation. 2016



**Awards & Honours** 



#### **BEST ALL ROUNDER GIRL STUDENT OF TWO YEAR MASTER'S PROGRAMME GOLD MEDAL**

For the best all-rounder graduating girl student of 2-year Master's programmes (M. Tech./MBA/M. Des.)

> **JAIMITA BANSAL Computer Science & Engineering**

#### **MOTOROLA GOLD MEDAL**

For the outstanding all round achievement in electronics, electrical and computer science discipline to 4-year/5-year programme students

#### **ISH KUMAR JAIN Electrical Engineering**

## **MARS G. FONTANA PRIZE**

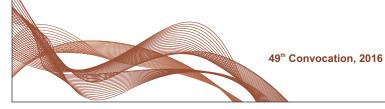
To be awarded to the graduating student of Materials Science & Engineering department in 4-year or 5-year programmes having the highest CPI who has taken a course in corrosion

**ARPIT KABRA** 

## Dr. VISHWANATH BAJPAI MEMORIAL GOLD MEDAL

For the best thesis of the graduating M.Tech./MS by Research student of the Department of Earth Sciences

## **SANA KHAN**



Awards & Honours 48

#### **BEST SOFTWARE AWARD**

For the best software developed by any graduating student or a group of students of any discipline

> **UTKARSH SANJAY PATANGE** & ASHOK KUMAR MEENA **Computer Science & Engineering**

## **SMT. SHASHI PUNDIR MEMORIAL MEDAL**

For the best graduating 2-year M. Tech. or MS by Research student of Mechanical Engineering department with thesis in thermal/fluid sciences and transport phenomenon

**SACHIN MODI** 



**Awards & Honours** 

## GOPAL DAS BHANDARI MEMORIAL DISTINGUISHED TEACHER AWARD RECIPIENTS

- 2008 Prof. K. Srihari Chemistry
- 2009 Prof. B. N. Banerjee Mechanical Engineering
- 2010 Prof. Surender Baswana Computer Science & Engineering
- 2011 Prof. Suchitra Mathur Humanities and Social Sciences
- 2012 Prof. Swagato Kumar Ray Mathematics & Statistics
- 2013 Prof. Aditya K. Jagannatham Electrical Engineering
- 2014 Prof. A. Rangnath Harish Electrical Engineering
- 2015 Prof. Janakarajan Ramkumar Mechanical Engineering

## **AWARDEES OF INSTITUTE FELLOW**

2005	Prof. E. C. Subbara Mr. F. C. Kohli
2006	Prof. K. R. Sarma
2007	Prof. A. Vasudeva Prof. G. D. Agrawa
2008	Prof. G. K. Lal
2009	Prof. P. T. Narasim
2010	Prof. S. K. Gupta Prof. A. K. Mittal
2011	None
2012	None
2013	Prof. Sanjay G. Dh Prof. N. Sathyamu Prof. T. V. S. Rama
2014	Prof. M. Anandkris Prof. M A Pai Prof. Vijay Kumar Prof. Amitabha Gh Prof. Dipankar Cha







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Awards & Honours 51

#### **DISTINGUISHED TEACHER AWARD RECIPIENT**

2002	Prof. G. D. Agarwal Prof. Amitabha Ghosh Prof. K. R. Sarma
2003	Prof. G. K. Lal Prof. H. C. Verma Prof. Leelavati Krishnan
2004	Prof. A. K. Mallik
2005	Prof. Harish Karnick Late Prof. J. L. Batra
2006	Professor R. N. Biswas Professor Amit Ray
2007	Prof. Ajit Kumar Chatruvedi Prof. Manoj Kumar Harbola Prof. Madhira Radha Madhav Prof. Harihara Subra Mani
2008	Prof. Surinder Kumar Gupta Prof. C. V. R. Murty
2009	Prof. P. Shunmuguraj
2010	Late Prof. R. Balasubramaniam Late Prof. V. N. Kulkarni Prof. S. S. K. Iyer Prof. Amit Mitra
2011	Prof. Arvind K. Sinha Prof. Swagato K. Ray
2012	None
2013	Prof. Raghubir Sharan Prof. G. Neelakantan Prof. Aloke Dutta
2014	Prof. Arun Kumar Sharma
2015	Prof. Kripa Shanker Prof. Y.D. Vankar Prof. Baquer Mazhari

## DISTINGUISHED ALUMNUS AWARDEES

Mr. Satish Kumar Kaura (BT/EE/66) 1989 for excellence in entrepreneurship.	Mr. Rakes for ou contrib
Mr. Anil Agrawal (BT/ME/70) 1991 for outstanding achievements in activity pertaining to the service of humanity at large.	Mr. Ashok
Dr. Rakesh K. Jain (BT/ChE/72) 1994	area o
for advancement of knowledge in health sciences and technology.	Mr. Som M for ou indust
Dr. U. N. Sinha (PhD/ME/70) 1994 for pioneering work and outstanding contributions to the development of computing technology in the	techno
country.	Dr. Padm for ex genera
Dr. Ashok K. Chandra (BT/EE/69) 1997 for outstanding contributions in computer science research.	Mr. Jeet S
Mr. Umang Gupta (BT/ChE/71) 1997 for outstanding achievements in information	manag
technology and entrepreneurship.	Dr. Sartaj for ou area o
Dr. Swaminathan Sivaram (MSc2/Chm/67) 1998 for outstanding contributions in polymer chemistry research and its successful industrial application.	Mr. Deepa
Dr. Jagdish (Jai) Narayan (BT/MME/69) 1998 for outstanding contributions and phenomenal	institut Dr. Prade
academic achievements in materials science and engineering.	for co archite
Mr. N. R. Narayana Murthy (MT/EE/69) 1998 for creating and building an outstanding entrepreneurial venture and putting india on the	techno world o
international software map. Dr. Arvind (BT/EE/69) 1999	Dr. Rajen for co radio o
for outstanding contributions in the field of computer science research.	to se interna
Mr. Saurabh Srivastava (BT/ME/68) 1999 for outstanding contributions to the information technology industry and achievements in entrepreneurship.	Mr. Arvinc for out scienc render
Dr. Ashoke Sen (MSc2/Phy/78) 1999 for being one of the most outstanding theoretical physicists in the world.	Mr. Ajoy I for o electro mana
Dr. Prabhakar Goel (BT/EE/70) 1999 for entrepreneurship, outstanding technological	standa
contributions and above-all, valuable community service and support in the area of education to needy students in India.	Mr. Mriga for ou field of
49 <sup>th</sup> Convocation, 2016	
49 Convocation, 2016	

sh Gangwal (BT/ME/75) 2000 utstanding managerial career and ongoing bution to the world of aviation industry.

k Jhunjhunwala (BT/EE/75) 2000 domitable spirit, vision and dedication in the of internet enabling technologies.

#### Mittal (BT/MME/73) 2000 outstanding managerial career in different tries as diverse as automotive to information ology.

nanabhan Balaram (MSc2/CHM/69) 2000 xemplary zeal and dedication to science in ral and to his field of research, in particular.

#### S. Bindra (BT/CHE/69) 2001 outstanding technological and exceptional gerial contributions to the petroleum industry.

Sahni (BT/EE/70) 2001 utstanding and seminal contributions in the of computer science and engineering.

#### oak Bhagat (BT/EE/73) 2001 tstanding managerial skills and role in building te-alumni relationship of a very high order.

eep S. Sindhu (BT/EE/74) 2001 contributions in developing path-breaking ecture design and internet backbone router ologies and using them to setup and manage class internet company.

2001 ndra Singh (BT/EE/75) ontributions in developing wireless mobile communication technologies and using them et up and manage companies of truly ational standards.

d Kumar Gupta (BT/EE/75) 2001 Itstanding contributions in developing low cost ce-base teaching aids for children and thus ering great service to humanity at large.

Kumar Bose (BT/EE/71) 2002 outstanding contributions in the field of onic design automation and setting-up of aging companies of truly international ards.

2002 anka Sur (BT/EE/74) utstanding and seminal contributions in the f brain and cognitive sciences.

Distinguished Alumnus Awardees 53



## **DISTINGUISHED ALUMNUS AWARDEES**

Mr. Lalit K. Jalan (BT/EE/79) 2002	Mr. Abhay K. Bhushan (BT/EE/65) 2006
for outstanding and seminal contributions in the	for excellence in entrepreneurship and outstanding
area of chemical processing industry.	and all round contributions to social activities.
Dr. K. Vjay Raghavan (BTChE/75) 2003 for outstanding contributions in the field of biological sciences.	Mr. Pawan Kumar (BT/CE/69) 2006 for excellence in entrepreneurship.
Dr. Sandip Tiwari (BT/EE/76) 2003 for outstanding contributions in the field of micro- electronics and nano-fabrication technologies.	Mr. Vijay Mahajan (BT/ChE/70) 2006 for outstanding and seminal contributions to academics specifically in the area of management studies.
Mr. Mohan Arvind Tambe (BT/EE/80) 2003	Mr. Pradeep Jotwani (BT/ME/75) 2006
for outstanding contributions in the field of	for outstanding managerial career and ongoing
information and communication engineering.	contribution to the world of information technology.
Mr. Mahesh Bihari Lal (BT/ChE/69) 2003	Mr. Ambuj Goyal (BT/EE/78) 2006
for outstanding and all-round contributions to the	for outstanding managerial career and ongoing
petroleum refining industry in India.	contribution to the world of information technology.
Mr. Manindra Agrawal (BT/CSE/86) 2003 for outstanding contributions in complexity theory and by developing a polynomial time algorithm for primality testing.	Mr. Umesh Mishra (BT/EE/79) 2006 for outstanding and seminal contributions in the field of semiconductor and solid state devices.
Mr. Neeraj Kayal (BT/CSE/2002) 2003	Mr. Rajiv Motwani (BT/CSE/83) 2006
for outstanding contributions in complexity theory	for outstanding contributions and academic
and by developing a polynomial time algorithm for	achievements in the field of computer science and
primality testing.	engineering.
Mr. Nitin Sexena (BT/CSE/2002) 2003 for outstanding contributions in complexity theory and by developing a polynomial time algorithm for primality testing.	Mr. Ravinder Nath Akhoury (BT/EE/68) 2007 for outstanding managerial career and ongoing contribution to the world of information technology.
Mr. Suresh Pandey (BT/MME/65) 2004	Mr. Narendra Kale (MT/CSE/76) 2007
for outstanding and all-round contributions to the	for excellence in entrepreneurship.
steel industry of India. Mr. Amitabh Srivastava (BE/EE/79) 2004	Dr. Rajiv Desai (BT/ME/82) 2007 for outstanding contribution to research and development.
for outstanding and phenomenal contributions towards software development recognized by the international community.	Prof. Ashutosh Sharma (BT/CHE/82) 2007 for outstanding contributions and academic
Mr. Satyendra K. Dubey (BT/CE/94) 2004	achievements in the field of chemical engineering.
for his honesty, integrity, dedicated service and	Mr. Raieev Chawla (BT/EE/84) 2007
upright conduct in public life (awarded	for significant contribution to bring about e-
posthumously).	governance revolution in the country.
Mr. Ajay Kumar (PhD/AE/74) 2005	Prof. Ashok Misra (BT/CHE/1968) 2008
for outstanding and phenomenal contributions to	for outstanding managerial contributions and
the world of aviation industry.	contributions to the field of chemical engineering.
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. Ravi Seth (BT/ME/1968) 2008 for outstanding technological and managerial contributions.

## **DISTINGUISHED ALUMNUS AWARDEES**

Mr. Harsh Manglik (BT/ME/1970) 2008 for outstanding managerial contributions.	Mr. David B. K. Thomas (BT/ME/77) 2010 for outstanding contributions and selfless service towards empowerment of women.
Prof. Ashok Sinha (BT/EE/1973) 2008 for outstanding managerial contributions.	Dr. Jainendra Kumar Jain (MSC2/PHY/81) 2010 for outstanding insights, and a large body of work in
Prof. Jitendra Malik (BT/EE/1980) 2008 for outstanding contributions to the field of computer science and engineering.	condensed matter physics. Mr. Muktesh Pant (BT/CHE/76) 2010
Prof. Arup K. Chakraborty (BT/CHE/1983) 2008 for outstanding contributions to the field of chemical	for outstanding managerial contributions. Ms. Neera Tandon (BT/CHE/81) 2010
engineering. Dr. Arun Shukla (BT/ME/1976) 2009	for outstanding entrepreneurial contributions in the field of wireless network technologies.
for outstanding contributions and academic achievements in the field of experimental mechanics.	Dr. Rathin Datta (BT/CHE/70) 2010 for pioneering work in the area of providing biologically-derived renewable resource alternatives to petroleum-based solvents.
Dr. Devendra Shukla (BT/CE/1967) 2009 for outstanding entrepreneurial and managerial contributions.	Mr. Sudhakar Kesavan (BT/CHE/76) 2010 for outstanding managerial contributions.
Dr. D. Subbarao (MSc2/PHY/1972) 2009 for outstanding managerial contributions.	Mr. Sudhir Vyas (BT/EE/75) 2010 for outstanding achievements in managing the diplomatic relations of India with several countries.
Mr. Manoj Pratap Singh (BT/EE/1974) 2009 for outstanding managerial contributions.	Dr. Viney P. Aneja (BT/CHE/71) 2010 for outstanding contributions and academic
Mr. Shantanu Srivastava (BT/EE/1977) 2009 for outstanding entrepreneurial contributions and for promoting Indo-Vietnam relations.	achievements in the field of environmental science and technology.
Dr. Shreesh Jadhav (BT/PhD/CSE/1989/1995) 2009 for dedicated service to humanity at large.	Mr. Vishnu Varshney (BT/EE/69) 2010 for immense contribution to establishment and growth of venture capital industry.
Dr. Udai P. Singh (BT/CE/1972) 2009 for outstanding and all round contributions to the field of environment and water resources.	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 engineering.
Mr. Anil Kumar Chopra (BT/CHE/76) 2010 for outstanding entrepreneurial contributions in the field of petroleum, software and energy, as well as service to society in promoting education.	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.
Mr. Anupam Khanna (BT/EE/74) 2010 for outstanding professional achievements in the fields of public policy and infrastructure management.	Mr. Mahesh Gupta (BT/ME/75) 2011 for outstanding entrepreneurial and managerial skills in introducing mineral reverse osmosis technology for water purification.
Dr. Arun Kumar Ghosh (MSC2/CHM/81) 2010 for outstanding contributions and academic achievements in the field of discovery of drugs for AIDS.	Dr. Yogendra Kumar Joshi (BT/ME/79) 2011 for outstanding contributions and academic achievements in the field of thermal sciences and engineering.
49 <sup>th</sup> Convocation, 2016	Distinguished Alumnus Awardees 55

49<sup>th</sup> Convocation, 2016

Distinguished Alumnus Awardees 54

## **DISTINGUISHED ALUMNUS AWARDEES**

Dr. Sandip P. Trivedi (MSC5/PHY/85) 2011 for outstanding contributions and academic achievements in modeling of accelerated	Mr. Amit Gupta (BT/EE/2000) 2013 for entrepreneurial skills and leadership.
expansion of the universe in low energy super symmetric string.	Mr. Abhay Singal (BT/EE/2001) 2013 for entrepreneurial skills and leadership.
Mr. Gaurav Gupta (BT/EE/87) 2011 for outstanding contributions in modernization of urban and rural transport systems.	Mr. Naveen Tewari (BT/ME/2000) 2013 for entrepreneurial skills and leadership.
Mr. Sunil Singhal (BT/CHE/71) 2012 for outstanding contributions to developing specialized chemicals and cutting edge technology	Prof. Jayadev Misra (BT/EE/69) 2014 for his outstanding contributions in the field on Computer Science and Engineering.
for the sugar industry worldwide as well as using innovative skills in utilizing the waste generated for 'green' use.	Prof. Dipankar Das Sarma (MSc5/PHY/78) 2014 for his outstanding contributions in the field of investigation of properties of matter employing synchrotron radiation.
Dr. Rakesh Agarwal (BT/CHE/75) 2012 for outstanding contributions to research and development in Chemical Engineering.	Prof. Vijay Kumar (BT/ME/83) 2014 for his outstanding contributions in the field of Mechanical Engineering and Applied Mechanics.
Mr. Vasudev Chanchlani (MT/IME/76) 2012 for providing strategic direction in business development and outstanding entrepreneurial skills, and philanthropic activities.	Mr. Dheeraj Pandey (BT/CSE/1997) 2015 for his outstanding enterprising skills to operate one of the world's most promising enterprises in the field
Dr. Jayathi Y. Murthy (BT/ME/79) 2012 for outstanding contribution towards developing powerful analysis tools and techniques for the	of development and delivery of invisible computing infrastructure comprising storage, computation and virtualization.
industry.	Mr. Yadu Pati Singhania (BT/CE/1977) 2015 for his outstanding enterprising skills
Dr. Kamal K. Sharma (BT/CHE/69) 2013 for contributions to the pharmaceutical industry and his managerial skills.	revolutionizing the white cement industry in the country.
	Mr. Sudhir Prasad (BT/ME/1979) 2015 for his management excellence in public
Mr. Bhadresh K. Shah (BT/MSE/75) 2013 for outstanding entrepreneurial skills.	governance.
Dr. Keshav Pingali (BT/EE/78) 2013 for seminal contributions in research in computer science and engineering.	Ms. Veena Sahajwalla (BT/MME/1986) 2015 for her outstanding contributions in the field of materials processing for sustainable development.
Dr. Sumant Nigam (MSc5/PHY/78) 2013 for contributions in the area of atmospheric and ocean sciences.	Prof. Thirumalai Venkatesan (MSc-2Yr/PhY/1971) for his outstanding contributions in Physics and Materials Science. 2015

## 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
2006	Ganesh P. Bagaria
2008	Anubrotto Kumar Roy
2009	Lalit Kishore Chaudhary Vijay Saluja
2010	Shailesh Ramkumar Gandhi
2011	Sanjeeb Kumar Patjoshi
2012	Rahul Sharma
2013	Trilochan Sastry
2015	Kuldip Narayan



49<sup>th</sup> Convocation, 2016



(BT/ME/89/IITKGP) (BT/MT/EE/IITK/82/85) (BT/MT/CHE/IITB/67/69) (BT/ME/86/IITK) (BT/CE/68/IITD) (BT/CE/69/IITB) (MT/EE/88) (BT/EE/87) (BT/IITD/1980) (BT/ME/IITK/2000)

Satyendra K. Dubey Memorial Award 57

## **FORTY-NINTH CONVOCATION**

Monday, 27<sup>th</sup> June, 2016

## **Chief Guest**



#### **Dr. Satish K. Tripathi** President of the University at Buffalo

Dr. Satish K. Tripathi is the fifteenth president of the University at Buffalo (UB), the largest university in the State University of New York system and a leading U.S. public research university. The first non-U.S. born president in UB's history, he is internationally recognized as an accomplished researcher and transformative higher education leader. Dr. Tripathi joined the University at Buffalo in 2004, serving as UB's provost and executive vice president for academic affairs until his appointment as the president in 2011. Dr. Tripathi graduated at the top of his class from Banaras Hindu University and holds a doctorate in computer science from the University of Toronto.

In 1978, Dr. Tripathi joined the faculty of the Department of Computer Science at the University of Maryland, where his nineteen year tenure included serving as chair of the department from 1988 to 1995. He also held visiting professorships at the University of Paris-Sud in France and the University of Erlangen-Nuremberg in Germany. From 1997-2004, Dr. Tripathi served as Dean of the Bourns College of Engineering at the University of California, Riverside, where he nearly guadrupled the number of students, tripled the number of faculty, and led its rise from an unranked position to one of the nation's leading engineering graduate schools.

An active leader in the American higher education community, Dr. Tripathi serves on the boards of the Association of American Universities, the Association of Public and Land-Grant Universities, the Council for Higher Education Accreditation, and the Digital Preservation Network, and is a member of the Mid-American Conference Council of Presidents Executive Committee. Dr. Tripathi was appointed by New York State Governor Andrew Cuomo as co-chair of the Regional Economic Development Council for Western New York.

A fellow of the IEEE and the American Association for the Advancement of Science, he has published more than 200 scholarly papers, supervised more than 30 doctoral and postdoctoral students and served on program committees of numerous international conferences. He has been the guest editor of several scientific journals and is a founding member of the editorial board of IEEE Pervasive Computing.

Dr. Tripathi holds honorary degrees from the Indian Institute of Information Technology, Allahabad, and Brock University in Ontario, Canada. In 2009, he was honoured with the Distinguished Alumnus Award by the Banaras Hindu University.

## **FORTY-NINTH CONVOCATION** Tuesday, 28<sup>th</sup> June, 2016

## **Chief Guest**



#### **Professor Arvind Panagariya** Vice-Chairman, NITI Aayog

Prof. Arvind Panagariya is the Vice-Chairman, NITI (National Institution for Transforming India) Aavog and has been a Professor of Indian Political Economy in the School of International and Public Affairs at Columbia University. A doctorate degree holder in Economics from the Princeton University, and a graduate from the Rajasthan University, Prof. Panagariya has also served as the chief economist of the Asian Development Bank and as a Professor of Economics at the University of Maryland at College Park, USA.

Prof. Panagariya is a world renowned academician who has authored more than fifteen books. His latest book, India: The Emerging Giant, published in March 2008 by the Oxford University Press, New York, has been described by CNN as the 'definitive book on the Indian economy' and it was considered a top pick of 2008. The Economist magazine has described his book Why Growth Matters: How Economic Growth in India Reduced Poverty and the Lessons for Other Developing Countries (with Jagdish Bhagwati), as "a manifesto for policymakers and analysts." Prof. Panagariya is an editor of the India Policy Forum, a journal modelled on the Brookings Papers on Economic Activity and jointly published by the Brookings Institution, Washington, D.C. and the National Council on Applied Economic Research, New Delhi. His scientific papers have appeared in the top economics journals such as the American Economic Review, Quarterly Journal of Economics Review of Economic Studies, Journal of International Economics, and International Economic Review while his policy papers have appeared in the Foreign Affairs, Foreign Policy, World Economy, Journal of International Affairs and Finance and Development. Until recently, he wrote a monthly column in the Times of India and his guest columns have appeared in the Financial Times, Wall Street Journal, The Hindu, India Today and Outlook. He has appeared on numerous television shows such as "Transforming India with Arvind Panagariya" on Bloomberg TV India.

In March 2012, the Government of India honoured Dr. Panagariya with Padma Bhushan, the third highest civilian honour of the country. In his extensive and distinguished career, Prof. Panagariya has been associated with the World Bank, International Monetary Fund, World Trade Organization, and the United Nations Conference on Trade and Development in various capacities.



58 **Chief Guest** 

49<sup>th</sup> Convocation. 2016

**Chief Guest** 

## **CONVOCATION CHIEF GUESTS**



## **CONVOCATION CHIEF GUESTS**

First	31 Oct 1965	Dr. S. Radhakrishnan	Twenty-Sixth	23 May 1994
Second	8 Mar 1967	President of India Dr. D. S. Kothari Obsizione Mainemite Counte Countrision	Twenty-Seventh	27 May 1995
Third	3 Mar 1968	<i>Chairman, University Grants Commission</i> Shri Morarji Desai Deputy Prime Minister	Twenty-Eighth	20 May 1996
Fourth	24 Nov 1968	Shri Y. B. Chavan Union Minister of Home Affairs	Twenty-Ninth	25 May 1997
Fifth	7 Nov 1969	Dr. V. K. R. V. Rao Union Minister for Education	Thirtieth	31 May 1998
Sixth	26 Oct 1970	Shri Kenneth B. Keating Ambassador of USA to India	Thirty-First	29 May 1999
Seventh	15 Feb 1972	Shri Padampat Singhania Chairman, Board of Governers, IIT Kanpur	Thirty-Second	23 May 2000
Eighth	16 Feb 1973	Shri M. M. Suri Managing Director, Escorts Ltd.	Thirty-Third	28 May 2001
Ninth	3 Oct 1973	Dr. H. N. Sethna Chairman, Atomic Energy Commission	Thirty-Fourth	28 May 2002
Tenth	21 Feb 1976	Shri P. N. Haksar Deputy Chairman, Planning Commission	Thirty-Fifth	30 May 2003
Eleventh	4 Apr 1977	Dr. Raja Ramana Director, Bhabha Atomic Research Center, Bombay	Thirty-Sixth	28 May 2004
Twelfth	7 Apr 1979	Dr. Triguna Sen Former Union Minister for Education	Thirty-Seventh	31 May 2005
Thirteenth	15 May 1980	Dr. R. K. Asundi Former Professor, Banaras Hindu University	Thirty-Eighth	5 Jun 2006
Fourteenth	7 May 1981	Dr. P. K. Kelkar Former Director, IIT Kanpur and IIT Bombay	Thirty-Ninth	1 Jun 2007
Fifteenth	20 May 1982	Dr. (Mrs.) A. Chatterjee Indian Association for the Cultivation of Science, Calcutta	Fortieth	30 May 2008
Sixteenth	17 May 1983	Dr. B. V. Sreekantan Director, Tata Institute of Fundamental Research, Bombay	Forty-First	30 May 2009
Seventeenth	13 Mar 1985	Giani Zail Singh President of India	Forty-Second	3 Jul 2010
Eighteenth	23 May 1985	Dr. A. S. Paintal Director, V. Patel Chest Institute, New Delhi	Forty-Third	28 May 2011
Nineteenth	23 May 1986	Prof. M. G. K. Menon Scientific Advisor to the Prime Minister	Forty-Fourth	2 Jun 2012
Twentieth	23 May 1987	Dr. Sam G. Pitroda Advisor, Center for Development of Telematics, New Delhi	Forty-Fifth	5 July 2013
Twenty-First	24 May 1988	Shri V. Krishna Murthy Chairman, SAIL	Forty-Sixth	17 June 2014
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 Dr. D. S. Daadhar	Forty-Seventh	23 Feb 2015
Twenty-Fourth Twenty-Fifth	22 May 1992 28 May 1993	Dr. D. S. Deodhar President, Applied Electronics Ltd., Bombay Dr. Abid Husain	Forty-Eighth	07 June 2015
-	-	Vice Chairman, Rajiv Gandhi Foundation		

Dr. Jamshed J. Irani Dr. R. A. Mashelkar Dr. S. M. Datta Shri Mukesh D. Ambani Shri Rahul Bajaj Dr. Verghese Kurien Dr. Murli Manohar Joshi Shri Arun Shourie Professor C. N. R. Rao Dr. Anil Kakodkar Dr. K. Kasturirangan Shri Kapil Sibal Shri G. Madhavan Nair Mr. Jeet S. Bindra Dr. Manmohan Singh Prime Minister of India Prof. P. Balram Dr. E. Shreedharan Shri Pranab Mukherjee President of India IBM Zurich, Switzerland Dr. K. Radhakrishnan Chairman, ISRO Shri Adil Zainubhai Dr. Tan Chorh Chuan Mr. B Prasada Rao Bharat Heavy Electricals Ltd.

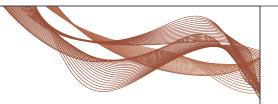
49<sup>th</sup> Convocation, 2016

Convocation Chief Guests 60

49<sup>th</sup> Convocation, 2016



Managing Director, TISCO, Jamshedpur Director, National Chemical Lab. Pune. Chairman, Hindustan Lever Ltd., Mumbai Shri Hari Shankar Singhania President, J. K. Organization, New Delhi Vice-Chairman & MD Reliance Indu. Ltd. Chairman & MD, Bajaj Auto Ltd. Chairman. Institute of Rural Management, Anand Union Minister for Human Resource Development Union Minister for Disinvestments Honorary President of JNCASR, Bangalore Chairman, Atomic Energy Commission Director, National Institute of Advanced Studies, Bangalore Minister for Science & Technology Chairman, Indian Space Research Organization Professor Shih Choon Fong National University of Singapore President, Chevron Global Manufacturing Director, Indian Institute of Science, Bangalore Principal Adviser, Delhi Metro Rail Corporation Dr. Johannes Georg Bednorz Nobel Laureate (Physics, 1987) Chairman, Quality Council of India President, National University of Singapore Chairman & Managing Director of



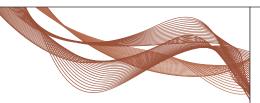
# GRADUATION DATA



"If my mind can conceive it, My heart can believe it, I know I can achieve it." — Muhammad Ali







## **GRADUATION DATA** - 49<sup>™</sup> CONVOCATION - 2016

#### Under-Graduate Programmes

Dept	B.Tech.	B.S.	Double Major	BT-MT (DD)	BS-MS (DD)	BS-MT (DD)	BT-MS (DD)	BT-MBA (DD)	M.Sc. (5yr)	M.Sc. (2yr)	MS-PD (DD)	Total	VLFM	MBA	M.Des.	M.Tech.	Ph.D.	Total	Grand (UG+PG)
Aero engg.	21	-	-	32	-	-	-	-	-	-	-	53	-	-	-	64	7	71	124
BSBE	27	-	1	3	-	-	1	-	-	-	-	32	-	-	-	12	14	26	58
Chem. Engg.	50	-	2	28	-	-	-	-	-	-	-	80	-	-	-	19	10	29	109
Chemistry	-	05	-	-	8	-	-	-	5	42	-	60	-	-	-	-	24	24	84
Civil Engg.	80	-	2	45	-	-	3	1	-	-	-	131	-	-	-	53	8	61	192
Comp. Sc.& Engg.	86	-	1	51	-	-	-	-	-	-	-	138	-	-	-	66	6	72	210
Design Prog.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	37	37
Earth Sciences	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
Economics	-	13	-	-	21	-	-	-	7	-	-	41	-	-	-	-	-	-	41
Elect. Engg.	112	-	3	33	-	-	-	-	-	-	-	148	-	-	-	151	17	168	316
Env. Engg. & Mgmt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	21	21
Humanities & Social Sciences	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9
Industrial & Mgmt. Engg,	-	-	-	-	-	-	-	-	-	-	-	-	39	33	-	27	2	101	101
Photonics Sc. & Engg.	-	-	-	-	-	-	-	-	-	-	-		-	-	-	7	-	7	7
Materials & Metallurgical Engg	01	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	5	5	6
Materials Science & Engg.	60	-	1	7	-	-	1	-	-	-	-	69	-	-	-	21	3	24	93
Materials Sc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	2	23	23
Mathematics	-	-	-	-	-	-	-	-	-	29	-	29	-	-	-	-	-	-	29
Maths & Sc. Computing	-	28	1	-	28	-	-	-	7	-	-	64	-	-	-	-	6	6	70
Mechanical Engg.	62	-	-	52	-	-	1	-	-	-	-	115	-	-	-	36	17	53	168
Nuclear Engg. & Technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	1	15	15
Physics	-	03	01	-	9	-	-	-	2	23	4	42	-	-	-	-	20	20	62
Statistics	-	-	-	-	-	-	-	-	-	31	-	31	-	-	-	-	-	-	31
TOTAL	499	49	12	251	66	-	6	1	21	125	4	1034	39	33	37	513	151	773	1807

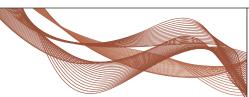
"Creativity is not the finding of a thing, but the making something out of it after it is found." – James Russell Lowell



49<sup>th</sup> Convocation, 2016



#### Post-Graduate Programmes



## **GRADUATION DATA OF DOUBLE MAJOR PROGRAM - 2016**

	Second Major Dept.	AE	BSBE	CHE	CE	CSE	EE	ME	MSE	СНМ	ECO	MTH	PHY	Tota
PROG.	-													-
	Parent Dept.													-
вт	AE													0
	BSBE					1								1
	СНЕ					1					1			2
	CE					1		1						2
	CSE											1		1
	EE					3								3
	ME													0
	MSE						1							1
BS	СНМ													0
	ECO													0
	мтн					1								1
	РНҮ					1								1
	Total	0	0	0	0	8	1	1	0	0	1	1	0	12

## **GRADUATION DATA OF DUAL DEGREE PROGRAM WITH POST GRADUATE PART IN A DIFFERENT DISCIPLINE - 2016**

	PG PART IN	AE	BSBE	CHE	CE	CSE	EE	ME	MSE	СНМ	ECO	MTH	PHY	PSE	NET	EEM	M.DES	IME	MBA	Total
STREAM	-																			-
	UG PART IN																			-
ENGG.	AE																			0
	BSBE										1									1
	СНЕ																			0
	CE										1	2							1	4
	CSE																			0
	EE																			0
	МЕ											1								1
	MSE										1									1
SCIENCE	снм																			0
	ECO																			0
	мтн																			0
	РНҮ																			0
	Total	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	1	7

## **CONVOCATION-WISE GRA**

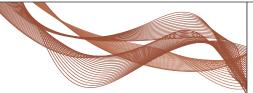
SI. No.	YEAR	Convocation No.	HELD ON	B.Tech.	BS	BTMT (DUAL)	Double Major	BS-MS (DD)	BT-MS (DD)	BT-MBA (DD)	MS-PD (DD)	MSc (Int)	MSc (2Yr)	DIIT	VLFM	MBA	MDES	МЕМ	MPHIL	M.Tech	Ph.D.	TOTAL
1	1965	1	31.10.1965	66		-	-	-	-		-										5	71
2	1967	11	08.03.1967	85				-			-		13							18	12	128
3	1968	III	03.03.1968	83				-					17							24	22	146
4	1968	IV	24.11.1968	164				-			-		28							71	16	279
5	1969	V	07.11.1969	197				-					26							120	37	380
6	1970	VI	26.10.1970	234				-					30							92	42	398
7	1972	VII	15.02.1972	243									32							175	60	510
8	1973	VIII	16.02.1973	269				-					35							125	33	462
9	1973	IX	03.10.1973	183				-					26							98	25	332
10	1975	NO CONVOCATION	17.05.1975	258				-					38							152	77	525
11	1976	X	21.02.1976	323				-					30							107	42	502
12	1977	XI	04.04.1977	182								7	29							171	72	461
						-		-	-													
13 14	1978 1979	NO CONVOCATION	16.06.1978 07.04.1979	173 172				-				12 15	20 30							35 271	11 105	251 593
15	1980	XIII	15.05.1980	368				-				12	56						5	147	74	662
			17.05.1981				-	-	-		-											
16	1981	XIV		217		-						5	23						10	138	60	453
17	1982	XV	20.05.1982	255		-		-			-	8	26			-			9	160	65	523
18	1983	XVI	17.05.1983	221		-		-	-			10	20						20	153	45	469
19	1984	COMMENCE MENT	22.05.1984	203				-			-	13	49									265
20 21	1985 1985	XVII SILVER JUBILEE	13.03.1985 23.05.1985	20		-		-	-		-	2	8							312 70	94 10	436 394
21	1985	XVIII SILVER JUBILEE	23.05.1985	266 224				-				о 6	40 32							206	44	594 512
						-			-													
23	1987	XX	23.05.1987	221		-		-				14	32							212	52	531
24	1988	XXI	24.05.1988	216				-				8	34							182	45	485
25	1989	NO CONVOCATION	23.05.1989	234		-		-			-	14	38							254	44	584
26	1990	XXII	23.05.1990	201				-				19	45							204	51	520
27	1991	XXIII	07.06.1991	225		-	-	-		-		19	16			-				213	44	527
28	1992	XXIV	22.05.1992	230				-			-	25	48							176	28	507
29	1993	XXV	28.05.1993	229				-				23	27							220	48	547
30	1994	XXVI	23.05.1994	250				-				35	38	3				7		200	62	595
31	1995	XXVII	27.05.1995	265				-				29	34	5				1		227	51	612
32	1996	XXVIII	20.05.1996	277				-				24	30	4						211	50	596
33	1997	XXIX	25.05.1997	239				-				30	35	7						230	66	607
34	1998	XXX	31.05.1998	217				-				23	38	7						262	53	600
35	1999	XXXI	29.05.1999	277				-				27	46	5						278	46	679
36	2000	XXXII	23.05.2000	266				-				27	37	3						297	58	688
37	2001	XXXIII	28.05.2001	308								23	32	2						327	31	723
38	2002	XXXIV		304					-			20	57	4						258	41	685
			28.05.2002													 31						
39	2003	XXXV	30.05.2003	370		-			-	-		24	36	2						318	39	820
40	2004	XXXVI	28.05.2004	337					-	-		27	47			28				113	45	597
41	2005	XXXVII	31.05.2005	280		-	-	1	-	-		27	69			28	10			355	61	830
42	2006	XXXVIII	05.06.2006	329		22			-			35	75			48	17			369	42	936
43	2007	XXXIX	01.06.2007	306		41			-	-		37	85			32	14			312	86	903
44	2008	XXXX	31.05.2008	334		60			-			40	70			27	6			356	101	994
45	2009	XLI	30.05.2009	299		52			-			39	68			45	12			320	96	931
46	2010	XLII	03.07.2010	313		117			-			60	86	†	32	52	18			386	131	1195
47	2011	XLIII	28.06.2011	313		100			-			67	103	†	59	43	8			242	103	1038
48	2012	XLIV	02.06.2012	340		123						75	95		34	26	21			320	101	1135
49	2013	XLV	05.07.2013	359		138			-			76	118	-	33	48	12	-	-	411	132	1327
50	2014	XLVI	18.6.2014	462		112			-			88	111	-	37	46	12	-	-	284	121	1273
	2015	XLVI	23.2.2015	71		94			-			13	10	-	-	5	14	-	-	230	73	510
51			_0.2.2010	1	1		-		-	-				L								
51 52	2015	XLVIII	07.6.2015	359	24	52						104	95	-	38	52	9	-	-	124	63	920



AD	UAT	ION	DATA

Convocation-wise Graduation Data 67





## **Up-to-date Graduation Data 49th Convocation - 2016**

Dept	B.Tech.	B.S.	Double Major	BT-MT (DD)	BS-MS (DD)	BS-MT (DD)	BT-MS (DD)	BT-MBA (DD)	M.Sc. (5yr)	M.Sc. (2yr)	MS-PD (DD)	DIIT/ MEM/ M.Phil/ VLFM	M.Tech./ MBA/ M.Des.	Ph.D.	Total
Aerospace Engineering	703	-	-	125	-	-	-	-	-	-	-	-	661	88	1577
Biological Sciences and BioEngineering	224	-	01	03	-	-	01	-	-	-	-	-	129	63	421
Chemical Engineering	1954	-	02	134	-	-	-	-	-	-	-	-	1150	161	3401
Civil Engineering	1597	-	02	147	-	-	03	01	-	-	-	-	1566	244	3560
Design Programme	-	-	-	-	-	-	-	-	-	-	-	-	193	-	193
Computer Sc. & Engineering	1163	-	01	245	-	-	-	-	-	-	-	-	1087	54	2550
Earth Sciences	-	-	-	-	-	-	-	-	-	-	-	-	01	01	02
Economics	-	23	-	-	21	-	-	-	131	-	-	-	-	-	175
Electrical Engineering	3265	-	03	240	-	-	-	-	-	-	-	42*	2420	297	6267
Environmental Engg. & Mgt.	-	-	-	-	-	-	-	-	-	-	-	-	230	-	230
Mechanical Engineering	2680	-	-	239	-	-	01	-	-	-	-	-	1696	239	4855
Materials Science & Engg. <sup>%</sup>	1775	-	01	07	-	-	01	-	-	-	-	-	908	120	2812
Industrial & Management Engg.	-	-	-	-	-	-	-	-	-	-	-	08** 272 <sup>\$</sup>	528 545 <sup>@</sup>	40	1393
Photonics Science Engg. <sup>*</sup>	-	-	-	-	-	-	-	-	-	-	-	-	145	-	145
Materials Science Prog.	-	-	-	-	-	-	-	-	-	-	-	-	385	38	423
Nuclear Engg. & Tech.	-	-	-	-	-	-	-	-	-	-	-	-	215	11	226
Chemistry	-	08	-	-	08	-	-	-	259	800	-	04***	-	665	1744
Mathematics <sup>#</sup>	-	33	01	-	28	-	-	-	384	520	-	07***	-	345	1318
Physics	-	09	01	-	09	-	-	-	375	716	04	07***	-	392	1513
Statistics	-	-	-	-	-	-	-	-	42	350	-	-	-	20	412
Humanities & Social Sciences	-	-	-	-	-	-	-	-	-	-	-	06***	-	247	253
TOTAL	13361	73	12	1140	66	-	06	01	1191	2386	04	346	11859	3025	33470

# Includes Mathematics & Scientific Computing \*DIIT \*\*MEM \*\*\*M.Phil @MBA \$VLFM

% Earlier known as Materials & Metallurgical Engineering % Earlier known as Laser Technology Programme

"There are no secrets to success, it is the result of preparation, hard work and learning from failure."

- Colin Powell



49<sup>th</sup> Convocation, 2016

Up-to-date Graduation Data 2016 68





