

2006

Winner**Name:** Dr. T. Goverdhan Reddy**Organisation/Institution when Awarded:** Osmania University, Hyderabad, Telangana**Research Supervisor:** Dr. K Rama Reddy**Topic for which Awarded:** Study of the Spin and lattice Polaron Dynamics in CMR Manganites**Topic of Research:** Study on Spin and Lattice Polaron Dynamics in CMR Manganites**Current Designation & Organisation:** Assistant Professor, Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur**Runner-up – I****Name:** Dr. N Ajeetha**Organisation/Institution when Awarded:** Acharya N G Ranga Agricultural University**Research Supervisor :** Prof. V.G.K.M. Pisipati**Topic for which Awarded:** Liquid Crystals Influence of Oxygen and Phase Behaviour of Benzyldiene Anilines**Current Designation & Organisation:** Professor, Department of Physics, CIPET, Chennai**Runner-up – II****Name:** Dr. K Prabhakar**Organisation/Institution when Awarded:** Osmania University, Hyderabad, Telangana**Research Supervisor:** Prof. S P Mallikarjun Rao**Topic for which Awarded:** AC Fatigue Studies on PZT Ceramics Using Acoustic Emission**Topic of Research:****Current Designation & Organisation:** Scientist, Material Science Group, Indira Gandhi Centre for Atomic Research, Kalpakkam

2007



Winner

Name: Dr. M Raghavendar

Organisation/Institution when Awarded: Osmania University, Hyderabad, Telangana

Research Supervisor: Dr. G Prasad

Topic for which Awarded: Modification of Dielectric Relaxations in Sodium Bismuth Titanate with Samarium Doping

Topic of Research: Effect of Rare Earth Ion Substitution at A-site in NBT on Electrical and Electromechanical Properties

Current Designation & Organisation: Assistant Professor, Department of Physics, Yogi Vemana University, Kadapa, Andhra Pradesh



Runner-up – I

Name: Dr. G Venkataiah

Organisation/Institution when Awarded: Osmania University, Hyderabad, Telangana

Research Supervisor: Prof. P Venugopal Reddy

Topic for which Awarded: Structural, Magnetic and Electrical Behaviour of Some Manganite based CMR Materials

Topic of Research: Condensed Matter Physics

Current Designation & Organisation: Assistant Professor, School of Physics, University of Hyderabad, Hyderabad



Runner-up – II

Name: Dr. N Venkatram

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Prof. D Narayana Rao

Topic for which Awarded: Non-linear Absorption and Scattering Properties of Cadmium Sulphide Nanocrystals with its Application as a Potential Optical Limiter

Topic of Research: Study of Nonlinear Absorption Properties of II-VI Semiconductor (CdS, CdSe), Metal (Au) and Zinc (II)-Phthalocyanine Nanoparticles with Nano Second and Femtosecond Laser Excitation

Current Designation & Organisation: Senior Research Fellow, CDPT, Nanyang Technological University, Singapore

2008

Winner

Name: Dr. R. Sai Santhosh Kumar

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Prof. D Narayana Rao

Topic for which Awarded: Broadband Supercontinuum Generation in a Single Potassium Di-hydrogen Phosphate (KDP) Crystal Achieved in Tandem with Sum Frequency Generation

Topic of Research: Supercontinuum Generation, Surface Four-wave Mixing and Multiphoton Absorption in Optically Transparent Media with a Femtosecond Laser Pulse Excitation

Current Designation & Organisation: Assistant Professor, Department of Physics, Indian Institute of Technology, Hyderabad



Runner-up – I

Name: Dr. P. Sarita

Organisation/Institution when Awarded: GITAM Institute of Technology, Visakhapatnam, Andhra Pradesh

Research Supervisor: Prof. S Bhuloka Reddy

Topic for which Awarded: PIXE Analysis - A Novel Diagnosis and Prognostic Approach to Cancer of the Uterine Cervix

Topic of Research: PIXE Analysis of Blood Sera of Cancer Patients

Current Designation & Organisation: Assistant Professor, Department of Physics, GITAM Institute of Technology, Visakhapatnam



2009

Winner

Name: Dr. Barilong Mawlong

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Dr. Rukmani Mohanta

Topic for which Awarded: Probing New Physics In B - Fo (980) K Decays

Topic of Research: Some Aspects of Rare β Decays and CP Violation

Current Designation & Organisation: Assistant Professor, School of Physics, University of Hyderabad, Hyderabad



2009



Runner-up – I

Name: Dr. B Maruthi Manoj

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: D Narayana Rao

Topic for which Awarded: Nano Displacement Measurement Using Spectral Shifts in a White-light Interferometer

Topic of Research: Study of Spectral Shifts and Spectral Switches Around Phase Singularities Using Spectral Interferometry and Their Applications

Current Designation & Organisation: Assistant Professor, Department of Physics, IIT Kharagpur



Runner-up – II

Name: Dr. G Padmaja

Organisation/Institution when Awarded: Osmania University, Hyderabad

Research Supervisor: Prof. P Kishtiaiah

Topic for which Awarded: Optical Absorption Studies on Mixed Alkali Borate Glasses

Topic of Research: Spectroscopic Studies of Mn^{2+} and Fe^{3+} Ions in Some Quaternary Alkali Borate Glasses: An Evidence of Mixed Alkali Effect

Current Designation & Organisation: Assistant Professor, University College, Kakatiya University, Warangal



Special Out-Station Award

Name: Dr. Kanike Raghavendra Kumar

Organisation/Institution when Awarded: Sri Krishna Devaraya University, Anantapur

Research Supervisor: Prof. R Ramakrishna Reddy

Topic for which Awarded: Optical, Physical and Radiative Properties of Aerosols In A Semi-Arid Region, Anantapur

Topic of Research: Experimental Studies on Characterisation of Atmospheric Aerosols Using in Situ and Remote Sensing Techniques

Current Designation & Organisation: Associate Professor, Department of Physics, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur

2010

Winner**Name:** Dr. K L N Deepak**Organisation/Institution when Awarded:** University of Hyderabad, Hyderabad, Telangana**Research Supervisor:** Prof. D Narayana Rao**Topic for which Awarded:** Fabrication and Optical Characterization of Microstructures in PMMA and PDMS using Femtosecond Pulses for Photonic and Micro Fluidic Applications**Topic of Research:** Laser Irradiation Effects in Polymers, Lithium Niobate Crystal and Applications in Photonics**Current Designation & Organisation:** Research Associate and Visitor, University of Ottawa and National Research Council Canada, Ottawa. Founder, Grey Slide Imaging Inc., Ottawa, Canada**Runner-up – I****Name:** Dr. Kalyana Lakshmi**Organisation/Institution when Awarded:** Osmania University, Hyderabad, Telangana**Research Supervisor:** Prof. P Venugopal Reddy**Topic for which Awarded:** Electrical and Magnetic Behaviour of Some Monovalent Doped CMR Materials**Topic of Research:** Electrical and Magnetic Behaviour of Some Monovalent Doped CMR Materials**Current Designation & Organisation:** Assistant Professor, Department of Physics, Nizam College, Hyderabad**Runner-up – II****Name:** Dr. M Anil Kumar**Organisation/Institution when Awarded:** University of Hyderabad, Hyderabad, Telangana**Research Supervisor:** Dr. Suneel Singh**Topic for which Awarded:** Electromagnetically Induced Transparency and Slow Light in a Three Level System**Topic of Research:** Electromagnetically Induced Transparency and Slow Light in a Three Level System**Current Designation & Organisation:** Research Associate, Raman Research Institute, Bangalore



Winner

Name: Dr. Rajeswari Mulakalapalli

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Prof. V.S.S. Sastry

Topic for which Awarded: Detection of Ultra-slow Processes through NMR Relaxometry: Application to Liquid Crystals

Topic of Research: Studies on Molecular Processes in Anisotropic Fluids Employing Nuclear Spin Relaxation Methods

Current Designation & Organisation: Software Test Engineer, Brainbox Consulting BV, Eindhoven Area, Netherlands



Runner-up – I

Name: Dr. Ch. Bheema Lingam

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad

Research Supervisor: Prof. Surya P. Tewari

Topic for which Awarded: Structural, Electronic, Bonding, and Elastic Properties of NH_3BH_3 : A Density Functional Study

Topic of Research: Electronic Structure and Bonding Properties of Hydrogen Storage Materials

Current Designation & Organisation: Research Professor, Dept. of Physics, University of Seoul, Seoul, South Korea



Runner-up – II

Name: Dr. S Jagadees Chandra

Organisation/Institution when Awarded: Sri Sathya Sai University, Puttaparthi

Research Supervisor: Dr. S Siva Sankara Sai

Topic for which Awarded: A Study of Photoinduced Anisotropy and Nonlinearity in Bacteriorhodopsin Thin Films and Curcumin

Topic of Research: Optical Power Limiting Properties of Bacteriorhodopsin and Curcumin Thin Films and its Application in Medical Diagnostics

Current Designation & Organisation: Business Development Manager (BDM), Carl Zeiss - SMT GmbH, Singapore

2011

Special Consolation Award**Name:** Dr. Rama Krishna Chava**Organisation/Institution when Awarded:** Acharaya Nagarjuna University**Research Supervisor:** Dr. R.V.S.S.N. Ravi Kumar**Topic for which Awarded:** Co(II) ion Doped Chlorocadmiumphosphate $\text{Cd}(\text{HPO}_4)\text{Cl} \cdot [\text{H}_3\text{N}(\text{CH}_2)_6\text{NH}_3]_{0.5}$ Crystals: A Novel Organically Templated Hybrid Open-Framework**Topic of Research:** Co(II) ion Doped Chlorocadmiumphosphate $\text{Cd}(\text{HPO}_4)\text{Cl} \cdot [\text{H}_3\text{N}(\text{CH}_2)_6\text{NH}_3]_{0.5}$ Crystals: A Novel Organically Templated Hybrid Open-Framework**Current Designation & Organisation:** Assistant Professor, Department of Chemistry, Yeungnam University, Gyeongsan, South Korea

2012

Winner**Name:** Dr. P Lakshmi Praveen**Organisation/Institution when Awarded:** Andhra Loyola College, Vijayawada, Andhra Pradesh**Research Supervisor:** Prof. Durga P Ojha**Topic for which Awarded:** Molecular Structure, Electronic Spectra and Ultraviolet Stability of Nematic Liquid Crystals: Effect of Solvent and Substituent**Topic of Research:** Phase Organization, Thermodynamic Stability and Absorption Spectra of Liquid Crystals: Theoretical Models at Molecular Level**Current Designation & Organisation:** Assistant Professor, Department of Physics, Veer Surendra Sai University of Technology, Odisha**Runner-up – I****Name:** Dr. K Ramesh Babu**Organisation/Institution when Awarded:** Advanced Centre of Research in High Energy Materials (ACRHEM), Hyderabad, Telangana**Research Supervisor:** Dr. G S Vaitheeswaran**Topic for which Awarded:** High Pressure Study of Materials for Green Energy Applications from First Principles Calculations**Topic of Research:** Ab Initio Study of Nitrogen based Solid Energetic Materials**Current Designation & Organisation:** Department of Physics and Center for Theoretical Physics, National Taiwan University, Taiwan

2012



Runner-up – II

Name: Dr. C Sujatha

Organisation/Institution when Awarded: National Institute of Technology, Warangal, Telangana

Research Supervisor: Dr. K Venugopal Reddy

Topic for which Awarded: MgCuZn Nanoferrites for Multilayer Chip Inductors

Topic of Research: Mg substitute NiCuZn Nano Ferrites

Current Designation & Organisation: Assistant Professor, Department of Physics, IIIT Basar Campus, Nirmal Dist, Telangana

2013



Winner

Name: Dr. Sweta Rekha Ram

Organisation/Institution when Awarded: Indian Institute of Technology, Hyderabad

Research Supervisor: Dr. V Kanchana

Topic for which Awarded: Fermi Surface Studies of Intermetallic Compounds under Pressure: Ab-initio Study

Topic of Research: Fermi Surface Properties of Binary and Ternary Superconductors

Runner-up – I

Name: Dr. P Suresh

Organisation/Institution when Awarded: Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam.

Research Supervisor: Prof. K Venkataramanaiah

Topic for which Awarded: ISAR Imaging of Moving Targets and Feature Extraction using Time-Frequency Methods

Topic of Research: ISAR Imaging of Moving Targets and Feature Extraction using Time-Frequency Methods

2013

Runner-up – II

Name: Dr. P Shankar

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Dr. Nirmal K Viswanathan

Topic for which Awarded: Polarimetric Investigation of Surface Plasmon Resonance and Applications

Topic of Research: Studies on Spatial, Polarimetric and Topological Aspects of Surface Plasmonic Field

Current Designation & Organisation: Research Staff, Optoelectronics Research Centre, University of Southampton, UK



2014

Winner

Name: Dr. T Karthik

Organisation/Institution when Awarded: Indian Institute of Technology, Hyderabad, Telangana

Research Supervisor: Dr. Saket Asthana

Topic for which Awarded: Evidence for the Suppression of Intermediate Antiferroelectric Ordering and Their Structure Property Correlation in Cobalt Substituted $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ Ceramics

Topic of Research: Structure-Property Correlation in Lead Free Ferro/Piezoelectric $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ Based System

Current Designation & Organisation: Scientist-C, Centre for Materials for Electronics Technology [C-MET], Ministry of Electronics & Information Technology, Government of India, Thrissur, Kerala.



Runner-up – I

Name: Dr. P Suresh

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad

Research Supervisor: Dr. S Srinath

Topic for which Awarded: Structural, Electrical, and Magnetic Properties of Pure and Rare Earth Doped BiFeO_3

Topic of Research: Structural Electrical and Magnetic Properties of Pure and Rare Earth Doped BiFeO_3

Current Designation & Organisation: Post Doctoral Research Fellow, Indian Institute of Science, Bangalore



2014



Runner-up – II

Name: Dr. M Pradyumn

Organisation/Institution when Awarded: Sri Sathya Sai Institute of Higher Learning

Research Supervisor: Prof. K. Venkataramaniah

Topic for which Awarded: Graphene as a Smart Spacer Material on Engineered Thin Film Hybrids for the Amplification of Surface Plasmon Coupled Emission Towards Sensing

Topic of Research: Graphene as a Smart Spacer Material on Engineered Thin Film Hybrid for the Amplification of Surface Plasmon Coupled Emission Towards Sensing

Current Designation & Organisation: Corporate Marketing Manager at Excelra, Hyderabad, Telangana

2015

Winner

Name: Dr. K Kamali

Organisation/Institution when Awarded: Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, Tamil Nadu

Research Supervisor: Dr. T R Ravindran

Topic for which Awarded: Selective Soft Mode Frustration in $\text{KMn}(\text{Ag}(\text{CN})_2)_3$ Crystals Studied by Raman Spectroscopy and First-Principles Calculations

Topic of Research: High pressure Raman Spectroscopic Studies on Anomalous Thermal Expansion Materials

Current Designation & Organisation: Scientist CSIR-Institute of Minerals and Materials Technology, Bhubaneswar

Runner-up – I

Name: Dr. Ahin Roy

Organisation/Institution when Awarded: Indian Institute of Science, Bangalore, Karnataka

Research Supervisor: Prof. N Ravi Shankar

Topic for which Awarded: Intriguing Atomic Structure and Semiconductor Nanowire Equivalent Sensitivity of Ultrathin Gold Nanowires

Topic of Research: Investigations on Structural and Electronic Aspects of Ultrathin Metal Nanowires

Current Designation & Organisation: Research Fellow, School of Chemistry, University College Dublin, Ireland



2015

Runner-up – II

Name: Dr. Kuladeep Rajamudili

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Prof. D Narayana Rao

Topic for which Awarded: Femtosecond Laser Micro/Nano Machining on Silicon Surface for Photonic Applications

Topic of Research: Ultrafast Laser Induced Periodic Sub-wavelength Structures on Semiconductors and Metals and its Applications in Photonics

Current Designation & Organisation: School of Aerospace, Transport and Manufacturing, Cranfield University, Bedford, UK



2016

Winner

Name: Dr. Vaddapally Rakesh Kumar

Organisation/Institution when Awarded: Advanced Centre of Research in High Energy Materials (ACRHEM), Hyderabad, Telangana

Research Supervisor: Dr. P Prem Kumar

Topic for which Awarded: Effect of Short Pulse Duration in Transparent Dielectrics: Understanding Water's Mysterious Behaviour

Topic of Research: Short Pulse Laser Induced Dynamics of Transparent Liquids

Current Designation & Organisation: Post Doctoral Fellow, Department of Nuclear & Atomic Physics, TIFR, Mumbai



Runner-up – I

Name: Dr. S Venkatesh

Organisation/Institution when Awarded: Sri Sathya Sai Institute of Higher Learning, Anantapur

Research Supervisor: Dr. R Sai Sathish

Topic for which Awarded: 1-Minute Cavity Engineering for >1000-fold Enhancements in Surface Plasmon-Coupled Emission: A Mobile Phone Based Next-Gen Plasmonics Approach

Topic of Research: Advancements towards Ultra-Sensitive Sensor Platform for Organic & Biomolecules Based on Neoteric Plasmonic & Electrochemical Techniques.

Current Designation & Organisation: Research Associate, Department of Bio-Sciences, Sri Sathya Sai Institute of Higher Learning, Anantapur



2016



Runner-up – II

Name: Dr. Subrata Ghosh

Organisation/Institution when Awarded: Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu

Research Supervisor: Dr. M Kamruddin

Topic for which Awarded: Vertical Graphene Nanosheets: A Promising Candidate for Supercapacitor Electrode

Topic of Research: Vertical Graphene Nanosheets: Growth, Structure and Electrochemical Performance

Current Designation & Organisation: Postdoctoral Research Associate, University of Manchester, UK

2017



Winner

Name: Dr. Subhadeep Pal

Organisation/Institution when Awarded: TIFR Centre for Interdisciplinary Sciences, Hyderabad, Telangana

Research Supervisor: Dr. T.N Narayanan

Topic for which Awarded: Fluorographene based Ammonia Sensor

Topic of Research: Fluorographene based Ammonia Sensor

Current Designation & Organisation: Postdoctoral Fellow at Weizmann Institute of Science, Israel

Runner-up – I

Name: Dr. K.G. Raghavendra

Organisation/Institution when Awarded: Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, Tamil Nadu

Research Supervisor: Dr. Arup Dasgupta

Topic for which Awarded: Structural Investigations and Thermal Evolution of ZrO_2 Dispersoid Based ODS Alloys

Topic of Research: Synthesis and Characterization of ZrO_2 Dispersoid Based Fe Based ODS Alloys

Current Designation & Organisation: Post Doctoral Research Fellow, Université de Sherbrooke, Chemical and Biotechnological Department, Canada



2017

Runner-up – II

Name: Dr. Vanamali C Shastry

Organisation/Institution when Awarded: Mangalore University, Mangalore

Research Supervisor: Dr. K B Vijaya Kumar

Topic for which Awarded: Nucleon - Nucleon Interaction with Instanton Induced Interaction and One Pion Exchange

Topic of Research: Hadronic Spectrum, Decays and Hadron – Hadron Interaction

Current Designation & Organisation: Assistant Professor, Regional Institute of Education, Manasagangothri, Mysore



Runner-up – II

Name: Dr. N Raju

Organisation/Institution when Awarded: Osmania University, Hyderabad, Telangana

Research Supervisor: Prof. Yadagiri Reddy

Topic for which Awarded: Structural and Magnetic Studies of Hexaferrite based Magneto-electric Materials

Topic of Research: Studies on Hexaferrite Based Magneto-Electric Materials

Current Designation & Organisation: Assistant Professor, CMR College of Engineering & Technology, Hyderabad



2018

Winner

Name: Dr. Buddha Deka Boruah

Organisation/Institution when Awarded: Indian Institute of Science, Bangalore, Karnataka

Supervisor during Research: Prof Abha Mishra

Topic for which Awarded: Doping Controlled Pyro-phototronic Effect in Self-powered Zinc Oxide Photodetector for Enhancement of Photoresponse

Topic of Research: Electrochemical Properties of ZnCo_2O_4 for Radiation Sensitive Supercapacitor

Current Designation & Organisation: Post Doctoral Fellow, Department of Engineering, University of Cambridge, UK



2018



Runner-up – I

Name: Dr. Raktima Basu

Organisation/Institution when Awarded: Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu.

Research Supervisor: Dr. Sandip Dhara

Topic for which Awarded: Origin of Phase Transition in VO and its Application as 2 Advanced Smart Window

Topic of Research: Phase Transition in Vanadium Oxides and its Optoelectronic Applications

Current Designation & Organisation: Senior Research Scholar, Indian Gandhi Centre for Atomic Research, Kalpakkam



Runner-up – II

Name: Dr. Abhishek Talapatra

Organisation/Institution when Awarded: Indian Institute of Technology Hyderabad

Research Supervisor: Dr. Jyoti Ranjan Mohanty

Topic for which Awarded: Tuneable Magnetic Domains and Depth-resolved Microstructure in Gd-Fe Thin Films

Topic of Research: Creation and Modification of Perpendicular Magnetic Anisotropy in Thin Films and Multilayer for Possible Applications

Current Designation & Organisation: Post-Doctoral Research Fellow, National University of Singapore



Runner-up – II

Name: Dr. Rafiq Mulla

Organisation/Institution when Awarded: Karnataka University, Dharwad

Research Supervisor: Prof. M K Rabinal

Topic for which Awarded: Copper Iodide: An Eco-friendly Thermoelectric Material

Topic of Research: Development of Nanostructure Based Thermoelectric Materials for Energy Conversion

Current Designation & Organisation: Post-Doctoral Research Associate, Swansea University, UK

2019

Winner**Name:** Dr. Atasi Dan**Organisation/Institution when Awarded:** Indian Institute of Science, Bangalore, Karnataka**Research Supervisor:** Prof. Bikramjit Basu**Topic for which Awarded:** Spectrally Selective Tandem Absorbers for Photothermal Conversion in High Temperature Solar Thermal Systems**Current Designation & Organisation:** Research Associate, Material Research Centre, IISc, Bangalore**Runner-up – I****Name:** Dr. Kannan Udaya Mohanan**Organisation/Institution when Awarded:** Indian Institute of Technology, Hyderabad**Research Supervisor:** Dr. J Suryanarayana**Topic for which Awarded:** Magnetostrictive $\text{Fe}_{73}\text{Ga}_{27}$ Nanocontacts for Low-Field Conductance Switching**Topic of Research:** Magnetic Field Control of Charge Transport in Mechanically Controlled Break Junction Devices and Solar Cells**Current Designation & Organisation:** Senior Project Scientist, Nanoscale Research Facility, IIT Delhi**Runner-up – II****Name:** Mr. Abdul Kalam S**Organisation/Institution when Awarded:** University of Hyderabad, Hyderabad, Telangana**Research Supervisor:** Prof. Soma Venugopal Rao**Topic for which Awarded:** Identification and Classification of Explosives Using Femtosecond Laser Induced Breakdown Spectroscopic Technique at Standoff Distances**Current Designation & Organisation:** Postdoctoral Fellow, University of Mississippi, USA



Winner

Name: Mr. Sukanta Nandi

Organisation/Institution when Awarded: Indian Institute of Science, Bangalore

Research Supervisor: Prof. Abha Misra

Topic for Which Awarded: Spray Coating of Two-Dimensional Suspended Film of Vanadium Oxide-Coated Carbon Nanotubes for Fabrication of a Large Volume Infrared Bolometer

Topic of Research: Engineering Light-Matter Interaction in Carbon Nanotubes for High Performing Optical Micro-Devices

Current Designation / Organisation: Research Scholar, Indian Institute of Science, Bangalore



Runner-up – I

Name: Mr. Surojit Ranoo

Organisation/Institution when Awarded: Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu.

Research Supervisor: Prof. John Philip

Topic for Which Awarded: Enhancement of Heating Efficiency in Magnetic Hyperthermia Based Cancer Therapy upon In-Situ Orientation of Magnetic Nano Fluids

Topic of Research: Field Induced Heating of Magnetic Nanoparticles for Magnetic Hyperthermia Applications

Current Designation/ Organisation: Research Scholar, Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu



Runner Up II

Name: Ms. Atasi Ray

Organisation/Institution when Awarded: University of Hyderabad, Hyderabad, Telangana

Research Supervisor: Prof. Rukmani Mohanta

Topic for Which Awarded: Probing New Physics in Semileptonic Λ_b Decays

Topic of Research: Model Independent Analysis of b-(c,u)VI Transitions

Current Designation/ Organisation: Research Scholar, University of Hyderabad, Hyderabad