

Awardees – Chemistry

Year: 2024-25

Winner

Khazeber Ravichandran

*Institute: Indian Institute of Science Education and Research,
Thiruvananthapuram, Kerala*

Supervisor: Prof Kana M Sureshan

Project Title: “Simultaneous and in Situ Syntheses of an Enantiomeric Pair of Homochiral Polymers as their Perfect Stereo Complex in a Crystal”

Runner Up – I

Abhishek Kumar Yadav

Institute: Indian Institute of Technology, Kanpur, Uttar Pradesh

Supervisor: Dr Srinivas Dharavath

Project Title: “Highly Promising Primary Explosive: A Metal-Free, Fluoro-Substituted Azo-Triazole with Unmatched Safety, and Performance”

Runner Up – II

Priyanka Gogoi

Institute: Dibrugarh University, Dibrugarh, Assam

Supervisor: Prof Diganta Sarma

Project Title: “Ag-gC₃N₄ as Copper-free Heterogeneous Catalyst for Photocatalytic Azide-Alkyne Cycloaddition Reaction”

Year: 2023-24

Winner

Rajashi Haldar

Indian Institute of Technology, Powai, Mumbai, Maharashtra

Supervisor: Prof Maheswaran Shanmugam

*Topic for Which Awarded: “**Energizing Tomorrow: Biocompatible Ferroelectric Cu(II) Complexes for Sustainable Energy Harvesting**”*

Runner Up – I

Ms. Shivani Tripathi

Institute: BITS Pilani Hyderabad Campus, Hyderabad, Telangana

Supervisor: Prof Manab Chakravarty

*Topic for Which Awarded: “**Small Fluorescent Probes for Detecting Pesticides in Real-Life Samples: A Preventive Approach for Pesticide Poisoning at the Doorstep**”*

Runner Up – II

Ms. Shweta Sagar

Indian Institute of Technology, Sangareddy, Hyderabad, Telangana

Supervisor: Prof Tarun Kanti Panda

*Topic for Which Awarded: “**Earth abundant metal complexes as effective catalysts in the ring opening (co)polymerization of cyclic monomers for synthesis of biodegradable polymers**”*

Year: 2022-23

Winner

Mr. Avulu Vinod Kumar

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. R Chandrasekar

*Topic for which Awarded: “**A Broadband, Multiplexed-Visible-Light-Transport in Composite Flexible-Organic-Crystal Waveguide**”*

Runner Up I

Debanjana Das

Tata Institute of Fundamental Research, Mumbai, Maharashtra

Supervisor: Prof. Sri Rama Koti Ainavarapu

Topic for which Awarded: "Metal-Binding and Circular Permutation-Dependent Thermodynamic and Kinetic Stability of Azurin"

Runner Up II

Ms. Madhuparna Chakraborty

Birla Institute of Technology & Science, Pilani Hyderabad, Telangana

Supervisor: Prof Manab Chakravarthy

Topic for which Awarded: "Concentration-Controlled rapid and Selective Recognition of Putrescine using Reusable Solid State Emitter: A Solution to Food Safety and Wastage"

Year: 2021-22

Winner

Ms. Diksha Rai

Indian Institute of Technology, Bombay, Maharashtra

Supervisor: Prof. Suvarn S. Kulkarni

Topic for Which Awarded: "Total Syntheses of Conjugation-ready Trisaccharide Repeating Units of Pseudomonas Aeruginosa O₁₁ and Staphylococcus Aureus Type 5 Capsular Polysaccharide for Vaccine Development"

Runner Up I

Ms. Prachi Kour

CSIR – National Chemical Laboratory, Pune, Maharashtra

Supervisor: Dr. Shatabdi Porel Mukherjee

Topic for Which Awarded: "CsPbBr₃/Cs₄PbBr₆ Perovskite@COF Nanocomposites for Visible-Light-driven Photocatalytic Applications in Water"

Runner Up II

Ms. T. Leelasree

Birla Institute of Technology & Science (BITS), Pilani, Hyderabad, Telangana

Supervisor: Dr. Himanshu Aggarwal

Topic for Which Awarded: "MOF Based Flexible, Low-cost Chemiresistive Device as a Respiration Sensor for Sleep Apnea Diagnosis."

Year: 2020 – 21

Winner

Ms. Amreen Kaur Bains

Indian Institute of Science Education and Research (IISER) Mohali, Punjab

Supervisor: Dr. Debashis Adhikari

Topic for Which Awarded: “Ni-Catalyzed Borrowing- Hydrogen Reactions via Hydrogen Atom Transfer (HAT)”

Runner Up I

Ms. Pallavi Thakur

Tata Institute of Fundamental Research, Hyderabad, Telangana.

Supervisor: Prof T.N. Narayanan

Topic for Which Awarded: “Cobalt Nanoparticles Dispersed Nitrogen Doped Graphitic Nano spheres based Rechargeable High Performance Zinc-Air Batteries”

Runner Up II

Ms. Bidushi Sarkar

Indian Institute of Science, Bangalore, Karnataka

Supervisor: Prof Karuna Kar Nanda

Topic for Which Awarded: “Chromium nitride nanoparticles supported on N-doped graphitic carbon heterostructure as electrocatalyst for oxygen reduction reaction”

Year: 2019 – 20

Winner

Dr. Marilyn Eslance D Mello

Poornaprajna Institute of Science, Bangalore, Karnataka

Supervisor: Dr. Suresh Babu Kalidindi

Topic for Which Awarded: “Design and Development of Metal-Organic Frameworks (MOFs) based Materials for Gas Sensing Application”

Runner-Up – I

Dr. Krishnakanth Sada

Indian Institute of Science, Bangalore, Karnataka

Supervisor: Dr. Prabeer Barpanda

Topic for Which Awarded: “Structural and Electrochemical Investigations of $A_2Mn_3O_7$ Class of Versatile Cathode Materials for Energy Storage”

Runner-Up – II

Dr. Ankita Kolay

Indian Institute of Technology, Hyderabad, Telangana

Supervisor: Prof. M Deepa

Topic for Which Awarded: “A Dual-Function Photoelectrochemical Solar Cell which Assimilates Light-harvesting, Charge Transport and Photo electrochromic Nanomaterials in a Tandem Design”

Year: 2018 - 19

Winner

Dr. Sneha Paul

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Anunay Samanta

Topic for which Awarded: “Targeting G-Quadruplex DNA with Small Molecules: Towards Development of Novel Anti-Cancer Strategies”

Runner-up – I

Dr. Bakuru Vasudeva Rao

Poornaprajna Institute of Scientific Research, Bangalore, Karnataka

Supervisor: Dr. Suresh Babu Kalidindi

Topic for which Awarded: “Metal-Organic Frameworks (MoFs) and its Hybrids as Designable Catalysts for Selective Hydrogenation Reactions”

Runner-up – II

Dr. Katchala Nanaji

International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad, Telangana

Supervisor: Dr. S Anandana

Topic for which Awarded: Robust, Environmentally Benign Synthesis of Nanoporous Graphene Sheets from Jute Stick Bio-waste for Ultrafast Supercapacitor Application

Year: 2017 - 18

Winner

Dr. Sathya Ramalingam

CSIR-Central Leather Research Institute, Adyar, Chennai, Tamilnadu

Supervisor: Dr. J Raghava Rao

Topic for which Awarded: Sustainable, Auxiliaries-free Leather Dyeing Process using Fabricated Dyes

Runner-up – I

Dr. S Manasa

*International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI),
Balapur, Hyderabad, Telangana*

Supervisor: Dr. R Subasri

***Topic for which Awarded: Sol-Gel Derived, Smart, Self-Healing Coatings for
Corrosion Protection of Aluminum Alloy A356.0***

Runner-up – II

Dr. P Srujana

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. T. P. Radhakrishnan

***Topic for which Awarded: Synthesis of Novel Fluorescent Molecular Materials:
Functional Phase Change Materials and Effect of Oriented Assembly on Solid State
Emission Enhancement***

Runner-up – II

Dr. P Manjunathan

Poornaprajna Institute of Scientific Research, Bangalore, Karnataka

Supervisor: Dr. Ganapati V Shanbhag

***Topic for which Awarded: “Mesoporous Tin Oxide: An Efficient Catalyst with Versatile
Applications in Acid and Oxidation Catalysis”***

Year: 2016 - 17

Winner

Dr. J Haribabu

National Institute of Technology, Trichy, Tamilnadu

Supervisor: Prof. Dr. R. Karivembu

***Topic for which Awarded: "Unprecedented Formation of Pd(II)- Pyrazole Based Thiourea
Complexes from Chromone Thiosemicarbazone and [PdCl₂(PPh₃)₂]: Complexes Induced
Apoptosis Through Mitochondrial Signaling Pathway and G₀/G₁ Cell Cycle Arrest in
HepG2 Cells"***

Runner-up – I

Dr. Dasari Venkata Krishna Rao

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Rajadurai Chandrasekar

Topic for which Awarded: "Organic NLO Surfaces Comprised of Whispering Gallery Mode Random Lasers"

Runner-up – II

Dr. J Poorna Bindu

Supervisor: Prof. Dr. P. Santhy,

Department of Chemistry, Tamil Nadu Agriculture University, Coimbatore.

Topic for which Awarded: "Effect of Organic and Inorganic Soil Amendments on Dynamics of Nitrogen and Potassium in Light Textured Alfisol"

Runner-up – II

Dr. P Naresh Kumar

Indian Institute of Technology, Hyderabad, Telangana

Supervisor: Prof. Dr. M Deepa

Topic for which Awarded: "Larger Area Quantum Dot Solar Cells with Improved Efficiency by Carbonate Buffering Layer"

Year 2015-16

Winner

Dr. Sudip Mukherjee

Supervisor: Prof. Chitta Ranjan Patra,

Indian Institute of Chemical Technology, Hyderabad.

Topic for which Awarded: "Graphene Oxides Show Angiogenic Properties"

Runner-up – I

Dr. R Kavitha

Department of Chemistry, Bangalore University, Bangalore, Karnataka.

Supervisor: Prof. L Gomathi Devi

Topic for which Awarded: "Synergistic Effect Between Carbon Dopant in Titania Lattice and Surface Carbonaceous Species for Enhancing the Visible Light Photocatalysis"

Runner-up - II

Dr. Dr. Paulami Manna

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Samar K Das

Topic for which Awarded: "A Mononuclear Co(II) Coordination Complex Locked in a Confined Space Acting as an Electrochemical Water Oxidation Catalyst: 'A Ship in a Bottle' Approach"

Year 2014-15

Winner

Dr. M Srikanth

International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Balapur, Hyderabad, Telangana

Supervisor: Prof. Suhash Ranjan Dev

Topic for which Awarded: "Fabrication of Cu (In, Ga) Se₂ Absorber Layers by Pulse-and Pulse Reverse Electrochemical Techniques for Solar Photovoltaic Applications"

Runner up – I

Dr. A Srinivasan

College of Engineering, Guindy Campus, Anna University, Chennai, Tamilnadu

Supervisor: Prof. N Rajendran

Topic for which Awarded: "Electrochemical Corrosion Behavior of Chemical Conversion Coated AZ31 Magnesium Alloy in Simulated Body Fluid Solution"

Runner up – I

Dr. Manish Kumar Mishra

Indian Institute of Science, Bangalore, Karnataka.

Supervisor: Prof. Gautam R Desiraju

Topic for which Awarded: "Solid Solution Hardening of Molecular Crystals"

Runner up – II

Dr. M Madhumala

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Prof. S Sridhar

Topic for which Awarded: **“Recovery of Valuable Organic and Inorganic Compounds Using Membrane Contractor System.”**

Year – 2013-14

Winner

Dr. Pramiti Hui

University of Hyderabad, Hyderabad, Telangana.

Supervisor: Prof. Rajadurai Chandrasekar

Topic for which Awarded: **“Syntheses of novel hetero cyclic ligands with exhibiting paramagnetic property. Using non-covalent forces and Self-assembly, the ligand molecules to form shape-defined nanostructures such as nano vesicles, nano-rings (0-D), nanotubes (1-D), nano sheets (2-D) etc. Photonic and spintronic device fabrication from the nano/micro structure by bottom up/top down (lithography) technique”**

Runner Up I

Dr. D Srinivas

ACHREM, University of Hyderabad, Hyderabad, Telangana

Supervisor: Dr. K. Muralidharan

Topic for which Awarded: **“Synthesis of Amino, Azido, Nitro and Nitrogen-rich Azole Substituted Derivatives of 1H-Benzotriazole for High Energy Materials (ACHREM) High Energy Materials Applications and Tetraanionic Nitrogen-Rich Tetrazole- Based Energetic Salts”**

Runner Up II

Dr. Kottalanka Ravi Kumar

Indian Institute of Technology Hyderabad, Hyderabad, Telangana

Supervisor: Dr. Tarun Kanti Panda

Topic for which Awarded: **“Novel amidophosphine Ligands into the Alkaline Earth & Rare Earth Metal Coordination Sphere – Syntheses, Structures and Polymerization study.”**

Runner Up II

Dr. Y Dattu Reddy

J N T University, Kukatpally, Hyderabad, Telangana

Supervisor: Dr. Ch. Venkata Ramana Reddy

Topic for which Awarded: **“Water mediated, environmentally friendly, stepwise, tandem & one-pot syntheses of 2-(1H-benzo-2-yl)-N-arylbenzamides”**

Year – 2012-13

Winner

Dr. M Hanumanta Rao

Advanced Centre of Research in High Energy Materials (ACRHEM), Hyderabad, Telangana

Supervisor: Dr. K Muralidharan

Topic for which Awarded: “Syntheses, characterization and energetic properties of closo-(B₁₂H₁₂)-2 salts of imidazolium derivatives”

Runner Up I

Dr. Supratim Basak

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Rajadurai Chandrasekar

Topic for which Awarded: "Fabrication of Nano Super Structure and Surface Selective Coordination Chemistry on the Ligand Nano Template, Fabrication of Solution Processible Fluorescent Metallopolymer and Micropatterning of the Polymer. Fabrication of White Light Emitting Metallopolymers and Fabrication of Logical Structures for Application in future Memory Devices"

Runner Up II

Dr. Sk. Mahammadunnisa

Indian Institute of Technology, Hyderabad, Telangana

Supervisor: Dr. Ch. Subrahmanyam

Topic for which Awarded: "Ni₀/Ce_{1-x} Ni_xO_{2-δ} as an Alternative to Noble Metal Catalysts for CO Oxidation"

Year – 2011-12

Winner

Dr. Monima Sarma

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Samar K Das

Topic for which Awarded: “D–π–A–A–π–D Prototype 2,2’ –Bipyridine Dyads Exhibiting Large Structure and Environment–Sensitive Fluorescence: Synthesis, Photophysics, and Computation”

Runner Up I

Dr. Joydeb Manna

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. Rohit Kumar Rana

Topic for which Awarded: "Polyamine mediated mineralization of nanostructured ZnO and Ag-ZnO under mild conditions and their application as photocatalyst"

Runner Up II

Dr. T Sheshashena Reddy

Osmania University, Hyderabad, Telangana

Supervisor: Prof. A Ram Reddy

Topic for which Awarded: "Synthesis of 2/3/4-alkylimidonaphthalimides and luminescent properties"

Year – 2010-11

Winner

Dr. N Chandrasekhar

University of Hyderabad, Telangana

Supervisor: Asst. Prof. Rajadurai Chandrasekar

Topic for which Awarded: "Fabrication of multi-dimensional (0-3D) shape-defined and shape-shifting functional nano-structures [tapes, tubes, sheets, rings] from diverse π -conjugated organic back-to-back coupled ligand molecules and study of their electronic properties (magnetic and optical) with Fe^{2+} and Eu^{3+} ions in bulk as well as nano level using traditional as well as advance techniques such as confocal microRaman, laser confocal fluorescence, SEM, FESEM, EDAX, TEM and AFM techniques"

Runner Up I

Dr. Palash Sanphui

University of Hyderabad, Hyderabad, Telangana,

Supervisor: Prof. Ashwini Nangia

Topic for which Awarded: "Novel polymorphs of Indian spice turmeric Curcumin and their characterization using single crystal and powder X-ray diffraction, spectroscopic techniques like IR, NDR. , NIR, Raman etc and thermal analysis (DSC, HSM) will be presented. Dissolution and solubility experiments of the new for Dr. will be discussed to show the improvement in curcumin bioavailability"

Runner Up II

Dr. L Yamini

Nizam College, Osmania University, Hyderabad, Telangana

Supervisor: Dr. M Vijjulatha

Topic for which Awarded: "Drug Design and Synthesis of privileged Molecules as anticancer agents towards the inhibition of DHFR enzyme"

Special Out Station Award

Dr. S. Vijaya Laxmi

National Institute Technology, Warangal, Telangana

Supervisor: Dr. B Rajitha

Topic for which Awarded: “Synthesis, antimicrobial activities of Indole barbiturates and their Single Crystal X- ray studies”

Year – 2009-10

Winner

Dr. G G K S N Kumar

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. J.S. Yadav

Topic for which Awarded: “Studies for Directed Prins Cyclization and Application to the Synthesis of (+) – Neopeltolide”

Runner Up I

Dr.K. Rajesh

School of Chemistry, University of Hyderabad, Telangana

Supervisor: Prof. T. P. Radhakrishanan

Topic for which Awarded: “Novel Optical Materials Based on Molecular Ultrathin FilDr. and Nanocomposites”

Runner Up II

Dr. M Vasavi

Nizam College, Osmania University, Hyderabad, Telangana

Supervisor: Prof. V. Uma

Topic for which Awarded: “Study of Interactions Between Mycobacterium Tuberculosis Proteins – TB1 Andanti TB1”

Special Awards to Out-Station Candidates

Dr. Veeranki Nagavani

Andhra University, Visakhapatnam, Andhra Pradesh

Supervisor: Dr. T. Raghava Rao

Topic for which Awarded: “Evaluation of Antioxidant Potential and Qualitative Analysis of Major Polyphenols by RP-HPLC in the Flowers of Medicinal Plants”

Year – 2008-09

Winner

Dr. M. Srujan Kumar

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. Arabinda Chaudhuri

Topic for which Awarded: “Cationic glycolipids with cyclic and open galactose head groups for the selective targeting of genes to mouse liver”

Runner Up I

Dr. M. Udaya Kiran

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. B. Jagadeesh

Topic for which Awarded: “Design and NDR. Structural and Conformational Studies of Unnatural Peptidic Foldamers and their Hybrids with Natural Aminoacids”

Runner Up II

Dr. Bipul Ch. Sharma

University of Hyderabad, Hyderabad, Telangana

Supervisor: Professor Ashwini Nangia

Topic for which Awarded: “Synthesis and Characterization of new crystalline solids (polymorphs, cocrystals, molecular salts, solvates etc) using single crystal X-ray diffraction powder X-ray diffraction, other spectroscopic techniques like IR, NDR. , NIR, Raman etc and thermal analysis (DSC, TGA, HSM). Develop two solvent-free methods for polymorph growth (sublimation and melt crystallization) of host molecule which can easily uptake solvent molecules from crystallization media. Design and synthesized sulfonic acid dodecahydrate a novel organic zeolite like material or/and drying agent with a complete thermal analysis for selective and reversible solvent uptake”

Runner Up II

Dr. N Guravaiah

National Institute of Technology, Warangal, Telangana

Supervisor: Dr. V. Rajeswar Rao

Topic for which Awarded: “New route design for the synthesis of styryl sulfones as anticancer agents”

Year – 2007-08

Winner

Dr. Abhijit Patra

University of Hyderabad, Hyderabad, Telangana

Supervisor - Prof. T.P. Radhakrishnan

Topic for which Awarded: **“Synthesis and Fabrication of Novel Fluorescent Molecular Nanomaterials: Optical Properties and Applications”**

Runner Up I

Dr. N. Jagadeesh Babu

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Ashwini Nangia).

Topic for which Awarded: **“Design of Cocrystals Taking the advantage of Strong Hydrogen Bonds and their Utility in Model System Dr. Extended to Pharmaceutical Drugs and Polymorphism”**

Runner Up II

Dr. Mohd. Naseer Ahmed Khan

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. Ahmed Kamal

Topic for which Awarded: **“Synthesis, structure analysis, and antibacterial activity of novel 10- substituted 2-(4-piperidyl / phenyl)-5,5-dioxo [1,2,4]triazolo[1,5-b][1,2,4]benzothiadiazine derivatives”**

Year – 2006-07

Winner

Dr. M. Ravi Kumar

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. M. Vairamani

Topic for which Awarded: **“Chiral discrimination of α -amino acids by the DNA triplet GCA”**

Runner Up I

Dr. M. Jaya Prakash

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. T.P. Radhakrishnan

Topic for which Awarded: **“Remote Functionality and Templating Chiral Surfaces for Noncentrosymmetric Crystal Lattice Formation for Second Harmonic Generation Application”**

Runner Up II

Dr. B. Surender Reddy

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. Rajkumar Banerjee

Topic for which Awarded: "Development of Estrogen receptor targeted breast cancer therapeutics: Novel gene therapeutic and chemotherapeutic approaches"

Year – 2005-06

Winner

Dr. Shatabdi Porel

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. T. P. Radhakrishnan

Topic for which Awarded: "Metal Nanoparticles-Embedded Polymer Film : Fabrication and Applications."

Runner Up I

Dr. Meenal Vyas

Centre for Cellular and Molecular Biology, Hyderabad, Telangana

Supervisor: Dr. Durgadas P. Kasbekar

Topic for which Awarded: "Chromosome Segment Duplications in Neurospora Crassa and their Effects on Repeat - Induced Point Mutation (RIP) and Meiotic Silencing by Unpaired DNA"

Runner Up II

Dr. Sandip Banthia

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. Anunay Samanta

Topic for which Awarded: "Designing Fluorescent Molecular Sensors and Switches: A Study Towards the Development of Transition Metal Ion Signaling Systems"

Year – 2004-05

Winner

Dr. Shanti Kalipatnapu

Centre for Cellular & Molecular Biology, Hyderabad, Telangana

Supervisor: Dr. Amitabha Chattopadhyay

Topic for which Awarded: "A GFP Fluorescence- Based Approach to Determine Insolubility of the Human Serotonin 1A Receptor"

Runner Up I

Dr. A. Prabhakar

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor - Dr. A.C. Kunwar

Topic for which Awarded: "Investigating Structural and Conformational details of restricted Macromolecules, Sugar Amino Acids and Peptidomimetics using Modern high field NDR. Techniques"

Runner Up II

Dr. Sharath Chandra

University of Hyderabad, Hyderabad, Telangana

Supervisor: Prof. T.P. Radhakrishnan

Topic for which Awarded: "Polyelectrolyte templated Langmuir / Langmuir-Blodgett Films and their Applications"

Year – 2003-04

Winner

Dr. K.V.S. Ranganath

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. B M Choudary

Topic for which Awarded: "Bifunctional Nanocrystallin mgo for Chiral Epoxy Ketones via Claisen- Schmidt Condensation -Asymmetric Epoxidation Neactions"

Runner Up I

Dr. I. Jayakumar

Jawaharlal Nehru Technological University, Hyderabad, Telangana

Supervisor: Prof. Y Anjaneyulu

Topic for which Awarded: "A Client / Server Based Continuous Air Pollution Monitoring for Episode Warning in Urban Environment"

Runner Up II

Dr. M. Satish Kumar

National Institute of Nutrition, Hyderabad, Telangana

Supervisor: Dr. G. Bhanuprakash Reddy

Topic for which Awarded: "Effect of Dicarbonyl Induced Non-Enzymatic Browning on Molecular Chaperone Function of Eye Lens α -Crystallin: Implications in Cataractogenesis"

Year – 2002-03

Winner

Dr. J. Subbalakshmi

University of Hyderabad, Hyderabad, Telangana

Supervisor - Prof. T. P. Radhakrishanan

Topic for which Awarded: **“Linear and Nonlinear Optical Properties of Novel Organic Molecular Materials – Based on Diaminodicy Anquinodimethanes”**

Year – 2001-02

Winner

Dr. Radha Kishan Motukori

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. K V Raghavan

Topic for which Awarded: **“Synthesis, Characterization of Zeolite Molecular Sieves and its Application in the Cyclization to Macrocycles and Drug Intermediates”**

Year – 2000-01

Winner

Dr. Ch. Venkata Reddy

Indian Institute of Chemical Technology, Hyderabad, Telangana

Supervisor: Dr. B M Choudary

Topic for which Awarded: **“The First Example of Molecular Oxygen in Ni-Al Hydrotalcite: A Novel Protocol for Selective Oxidation of Alcohols”**