

SI No.	Paper ID	Paper title	Main Author	Corresponding Author	Other authors	Institute	Presentation	Registration
1	BS1001	Rapid detection of antibiotic resistance genes using gold nanoparticles	Arbaaz	Arbaaz	Roy S, Apoorva J, Murali T S, K Satyamoorthy	Manipal School of Life Sciences	Oral	Yes
2	BS1002	Deciphering nutrient stress for production of biofuel precursors in <i>Selenastrum capricornutum</i> UTEX 1648	Roy N	Roy N	Mariam I, Jutur P P	Manipal School of Life Sciences, Omics of Algae Group, International Centre for Genetic Engineering and Biotechnology,	Oral	Yes
3	BS3003	CORROSION BEHAVIOUR OF ZINC IN ALKALINE MEDIUM: ELECTROCHEMICAL AND SURFACE STUDIES	Mikitha Pais	Mikitha Pais	Padmalatha Rao	Department of Chemistry, Manipal Institute of Technology	Poster	Yes
4	BS1004	Screening of wetland soil actinomycetes for natural pigment: extraction and characterization studies	Sruthy Sanjeev	Dr. Suchithra TV	Aswani T and Dr. Suchithra TV	School of Biotechnology, National Institute of Technology Calicut, Kozhikode-673601, INDIA	Oral	Yes

5	BS1005	Green Synthesis of Silver Nanoparticles using Citrus Sinensis Peel Extract and Evaluation of its Antibacterial Activity	Anil R. Shet	Anil R. Shet	Sharanappa A., S.V. Desai, V. S. Hombalimath, L. R. Patil, Gururaj Tennalli, Santosh Kadapure	Department of Chemical Engineering, K.L.E. Dr. M.S.Sheshgiri college of Engineering and Technology, Belgaum; Department of Chemical Engineering, K.L.E. Dr. M.S.Sheshgiri college of Engineering and Technology, Belgaum	Oral	
6	BS1006	Diethyl nitrosamine induced hepatocellular cancer and its alleviation by kadukkai maathirai (a polyherbal traditional siddha formulation) in rats	Manjunath Shetty	Manjunath Shetty	Smita Shenoy, Nitesh Kumar, Vasudha Devi, Arul Amuthan, Ganesh Shenoy K, Mohandas Rao	Department of Pharmacology, Melaka Manipal Medical College, Manipal Academy of Higher Education, Manipal; Department of Pharmacology, Kasturba Medical College, Manipal; Department of Pharmacology, Manipal College of Pharmaceutical Sciences	Oral	Yes
7	BS6007	Applicability of different substrates for liquid LIBS studies using drop coating method	Keerthi K.	Keerthi K.	Sajan D. George, Suresh D. Kulkarni, Santhosh C. and Unnikrishnan V. K	Department of Atomic and Molecular Physics, M.I.T., Manipal Academy of Higher Education, Manipal	Poster	Yes
8	BS6008	Preliminary studies on stand-off LIBS-LIF-Raman spectroscopy system for in-situ material characterization	Dhanada V S	Dhanada V S	Sajan D George, Santhosh Chidangil, Unnikrishnan V K	Department of Atomic and Molecular Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal	Poster	Yes

9	BS1009	Isolation of antimicrobial peptides from mangrove soil	Devika Muraleedharan	Dr. Suchithra T.V.	Fathima Ridha Karuvanthodika yil, Ankit Verma, Sruthy Sanjeev, Dr. Suchithra T.V., Benu George	School of Biotechnology, National Institute of Technology, Kozhikode	Oral	Yes
10	BS6010	Immobilization and bulk refractive index sensitivity studies of Au nanoparticles on glass substrate for localized surface plasmon resonance (LSPR) based sensing applications	Hemant Hegde	Hemant Hegde	Santhosh Chidangil, Rajeev K. Sinha	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal	Oral	Yes
11	BS6011	Optical trapping of hybrid NaYF ₄ :Yb ³⁺ ,Er ³⁺ /Silica/Gold Microparticles	Suresh K	Suresh K	Aseefhali Bankapur, Santhosh Chidangil, Sajan D. George	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal; Centre for Biophotonics, Manipal Academy of Higher Education, Manipal; Centre for Applied Nanosciences, Manipal Academy of Higher Education, Manipal	Poster	Yes

12	BS6012	DESIGN AND DEVELOPMENT OF AN IN-HOUSE LASER BEAM ATTENUATOR FOR SPECTROSCOPIC STUDIES	Adarsh U. K	Adarsh U. K	Santhosh Chidangil, Unnikrishnan V.K, Deepak Mathur	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal	Poster	Yes
13	BS6013	Opto-thermal Assembly of Biological cells	Monisha K	Monisha K	Aseefhali Bakapur, Santhosh Chidangil, Sajan D. George	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Centre of Excellence in Biophotonics, Manipal Academy of Higher Education; Centre for Applied Nanosciences, Manipal	Poster	Yes
14	BS6014	Dual Functional Gold Nanocluster-Copper Sulfide Nanoparticle Hybrid for Cancer Cell Imaging and Therapy	Sanoop Pavithran M	Sanoop Pavithran M	Sajan D. George, Santhosh Chidangil and M. A. Habeeb Muhammed	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal; Centre for Applied Nanosciences, Manipal Academy of Higher Education, Manipal	Oral	Yes
15	BS6015	Conversion of Gaussian to Vortex beam using Spiral Phase Plate and Its Applications	Ghanashyam C	Ghanashyam C	Aseefhali Bankapur*, Santhosh Chidangil	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal	Poster	Yes

16	BS6016	Optical Tweezers combined with Micro-Raman spectroscopy for the discrimination of microcytic anemia	Mithun N	Mithun N	Jijo Lukose1, Javed Ahammad M M2, Annamma Kurien2 and Santhosh Chidangil1	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education, Manipal; Department of Pathology, Melaka Manipal Medical College, Manipal Academy of Higher Education, Manipal	Poster	Yes
17	BS1017	An investigation on the effect of oil surfaces on the crystallization of lysozyme protein using CW Nd: YAG laser	Sudarshan Acharya B	Sudarshan Acharya B	Sajan D. George, Aseefhali Bankapur, Santhosh Chidangil, Deepak Mathur, Abdul Ajees Abdul Salam	Department of Atomic and Molecular Physics, Manipal Institute of Technology Campus; Centre for Applied Nanoscience's, Manipal Institute of Technology Campus	Oral	
18	BS1018	Biosynthesis and Characterization of silver Nanoparticles using leaf Extract of Tridax Procumbens and its Phytochemical screening	Arati Ganesh Lohar	Arati Ganesh Lohar	L.R.Patil, Gururaj Tennalli	Department of Biotechnology Engineering, KLE Technological University Hubballi	Poster	Yes