

Poster Section

Sr. No	Name of Candidate	Title
1	Navneet Mori	Characterization of fluoro containing Ugi product: In depth NMR Investigations.
2	Priti Parmar	Confirmation of Fluoro Derivatives of Tetrazole by 1D-NMR Spectroscopy.
3	Amita Jivani	Characterization of synthetic purine Fluoro derivatives by PMR Spectroscopy.
4	Firdousi Parvez	Understanding the RNA-recognition mechanism of dsRNA binding domains (dsRBDs) using TAR RNA binding protein (TRBP) as a model system.
5	Jaya Lakshmi	Deciphering the role of His37 in Structure–Stability-Function relationship of T7 endolysin.
6	Manjula Jaisal	Structural and Dynamics Characterization of Epigenetic Modifications in DNA Duplexes.
7	Mukeshkumar dube	The Study of Hydrogen Bonding by The Help Of ¹ H-NMR.
8	Navneet Dwivedi	NMR SPECTROSCOPIC BASED ANALYSIS OF GALLSTONES FROM DIFFERENT GEOGRAPHICAL REGIONS OF INDIAN SUBCONTINENT.
9	Neeru Arya	A Cooperativity Effect Renders Intramolecular Hydrogen Bond Strong and Unbreakable even in High Polarity Solvents: In depth NMR Investigations.
10	Nipanshu Agarwal	Understanding physiology determined Structural Dimorphism of Hup protein from Helicobacter pylori.
11	Swarnima Pandey	Characterization of the metabolomic profile associated with the acute phase of septic shock.
12	Nidhi Tiwari	Mechanistic Insights into Water-Lipid Interactions in Native Bone by High-Resolution Solid-State NMR Spectroscopy.
13	Priya Batra	Push-Pull Optimization of Quantum Controls.
14	Ranit Pariary	Targeted Inhibition of Amyloid genesis Using A Non-Toxic, Serum Stable Strategically Designed Cyclic Peptide with therapeutic implications.
15	Rupak K Bhattacharya	Experimental Investigations on Charge-State Dynamics in Nitrogen Vacancy Center Ensembles.
16	Sagar Ravalia	Comparative confirmation of alkyl derivative of quinoline dye by 1D NMR Spectroscopy.
17	S.Rajesh Kumar Reddy	Quest Towards Alternative Partial Alignment of DNA.
18	Shruti Mukherjee	Enhanced Silkworm Cecropin B Antimicrobial Activity against Pseudomonas aeruginosa from Single Amino Acid Variation.
19	Sukanya Gogoi	High relativity and non-toxic Mn ²⁺ complexes as Potential MRI contrast agents.

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20	Upanshu Gangwar	A Pure Shift NMR approach to resurrect Long-Lived Coherences in multiple two-spin systems.
21	Ankit Saxena	HR-MAS NMR based study for Metabolic profiling of <i>C. elegans</i> upon knockdown of identified tyrosine phosphatases (ptp-2, vhp-1 and F54F12.1) in Parkinson disease model.
22	V.R. Krithika	NMR investigation of quantum chaos in coupled and large spin kicked tops.
23	Gaurav Sharma	Patulin-induced metabolic responses in intestinal epithelial cells by HR-MAS NMR Spectroscopy.
24	Mohd Shafique	Structure calculations on novel peptide LL-TIL from frog skin
25	Dipita Bhattacharyya	Microbial Lipopolysaccharide in the Gut-Brain-Axis provide Early Link to Parkinson's Disease Etiology.
26	Sajith V S	Spin Dynamics of ^1H - ^{14}N Double Cross Polarization under fast MAS
27	Saleem Yousf	Metabolomics studies to decipher stress responses in <i>Mycobacterium smegmatis</i> point to a putative pathway of methylated amines biosynthesis.
28	Upendra Singha	Pure shift HMQC: Resolution and sensitivity enhancement by broadband homo-decoupling in the indirect and direct dimensions
29	Nikhil Gupta	Serum metabolic disturbances associated with lung cancer studied by an improved NMR based metabolomics approach on North Indian Population.
30	Abha Dangi	Residue-based propensity of aggregation in Tau amyloidogenic hexapeptides AcPHF6* and AcPHF6.
31	Kiranba jajeja	Characterisation of 1, 4 dihydropyridine derivatives by NMR spectroscopy.
32	Amit Khakhariya	Characterization of 1,4-dihydropyridine derivatives by NMR spectroscopy.
33	Poshetti Dhanishtha	Intramolecular Hydrogen Bond Directed Conformation Stability in N, N'-(pyridine-2,6-diyl) di benzamide derivatives. Extensive NMR Investigations Supported by X-ray Studies and DFT Computations.
34	Virendra Kumar	Metabolomics Study of Blood Plasma in Patients with Metastatic Prostate Cancer.
35	Manjeet Modgill	Singlet-State Two-Dimensional Spectroscopy for the Study of Complex Biochemical Mixtures.
36	Lokeswara Rao Potnuru	Accuracy of Experimentally Observed ^1H - ^1H Distances in Fully Protonated Solids with Selective Proton Recoupling Sequence at Fast Magic Angle Spinning.
37	Shalini Pandey	Under sampling for large biomolecules: A comparative study of non-constant time Vs constant time evolution in indirect dimension.

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38	Chaithanya Hareendran	A study of competitive conformer exchange in pharmaceutical cocrystals using ¹ H magic angle spinning Solid-state NMR.
39	shefali chaudhary	Regional cortical thinning in cognitively impaired patients with Parkinson's disease.
40	Nitin dhaka	NMR characterization of mechanism of a specific NF-kappa B dimer formation.
41	Harshad Paithankar	Role of conformational dynamics in dsRBDs to target topologically diverse dsRNAs .
42	Kavya Illath	Insights into the structure of modified Borosilicate glasses from multinuclear solid-state NMR.
43	Subhayan Chakraborty	Impact of experimental parameters on CEST efficiency.
44	N A Athulya	Insights into the phase heterogeneity of Transition metal doped novel silicon-based materials using solid-state NMR.
45	Dr. Sunil Rai	Evaluation of Hydrate and Perhydrate in Isostructural Crystal Structure of an Active Pharmaceutical Ingredient using Solid-State NMR Techniques.
46	Kanani Piyush,	Characterization of extracted Germacrene D from Lantana Camera by NMR Spectroscopy.
47	Vyas Amita,	Characterization of 2,7-dichloro-3-formylquinoline intermediate by NMR Spectroscopy.
48	Faldu Janki,	α -Cadinene extracted from Lantana Camera characterized by NMR Spectroscopy
49	Patel Jinal	Structure determination of 6,8-dimethyl-2-chloro-3-formylquinoline intermediate using NMR Spectroscopy
50	Aruna singh	NMR metabolomics as a tool for quality control in ethnomedicine.
51	Kumud Pandav	Structure of G-Quadruplex DNA containing telomeric DNA sequence bound to anticancer drugs, Adriamycin and epirubicin.
52	Ankita Singh	Chemosensory based differentiation of anti-obesity and analgesic phytochemicals using NMR chemometrics.
53	Dhananjay Pandya	Structure confirmation of novel 3-(benzylidene amino)-2,7-dimethyl-5,6,7,8-tetrahydrobenzo [4,5] thieno[2,3-d] pyrimidin-4(3H)-one derivatives by NMR Spectroscopy.
54	Manasi Ghosh	Investigation of the internal structure and dynamics of bio-polymer and bio-medicine by ¹³ C-NMR relaxometry and 2DPASS-MAS-NMR measurements.
55	Pawan Kumar	NMR Metabolomics Study of Blood during Cardiopulmonary Bypass for Heart Surgery.

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56	Sujeet Mewar	MR Targeted In-Bore Biopsy of Prostate Cancer.
57	Kiran Maan	Comparative and differential partial body radiation exposure in mice using NMR based urine metabolomics profiles.
58	Megha Kumari	Cerebral Metabolic Changes in Repeated Mild Blast Induced Traumatic Brain Injury Animal Model.
59	Meenal Jadhav	Sophisticated Analytical Instrument Facility (SAIF).
60	Akshit V. Sidapara	CHARACTERIZATION OF NEWLY SYNTHESIZED THIAZOLE DERIVATIVES BY NMR SPECTROSCOPY.
61	Shahid A. Malik	Effects of different Degrees of Oxidation of Graphene Oxide on the Structure and Dynamics of Human Ubiquitin
62	Veera Mohan	New Methods for NMR of Complex Spin-Systems