

Poster Presentations			
S. No.	Name of Participant	Title of Poster	Co-authors
1	Abhinav A. Sonkar	Metabolic finger-printing of tubercular ascites by proton NMR spectroscopy	Shatakshi Srivastava, Raghwendra Kumar, Raja Roy
2	Abhishek shukla	Characterization of Solid State NMR Quantum Registers	T. S. Mahesh
3	Amol S. Kotmale	haNMR STUDIES OF (-Ant-Pro) _n OLIGOAMIDE HYDROGEL	Sangram S. Kale, G. J. Sanjayan and P. R. Rajamohanan
4	Amrita Kumari	Using the Fluorine CSA tensor to physically characterize different forms of fluorinated carbon nanotubes	Kavita Dorai
5	Anil Kumar	¹ H, ¹³ C AND ¹⁹ F NMR SPECTRAL STUDIES OF ARYL SUBSTITUTED α-FLUOROKETONES AND α-FLUOROHYDRINS	Tejvir Singh, P. Venugopalan
6	Anirban <u>Bhunia</u>	Oligomeric Structure of Fowlicidin-1, an Antimicrobial/Anti-endotoxic Peptide from the family of Cathelicidin, in Lipopolysaccharide (LPS) Bilayer	Surajit Bhattacharjya
7	Anup N. Chugani	Metabolomics of Mice Urine using ¹ H NMR Spectroscopy	Puneet Bagga, Bharath Koya, Anant B. Patel
8	Anurag Bagaria	e-NMR, WeNMR and CASD-NMR	Henry Jonker, Victor Jaravine, Harald Schwalbe, Peter Güntert
9	S.Aravamudhan	Theoretically Possible Structures and the Averaging; Calculated Chemical Shifts and Simulated NMR Spectra: And, Comparison with Experimental Spectra	
10	Archana Sahu	Application of LC-NMR for Characterization of Minutiae in Pharmaceuticals: Case Studies of Photolytic Degradation Products of Pitavastatin and Eprosartan	Ravi P. Shah, Saranjit Singh
11	Arjun Sengupta	Alteration in liver metabolism and tissue biofluid correlation status during progression of malaria revealed by ¹ H NMR metabonomics	Angika Basant, Soumita Ghosh, Shobhona Sharma, Haripalsingh M. Sonawat
12	Aravinda Pai	Synthesis and anticancer activity of some novel 3-(1,3,4-thiadiazol-2-yl)-quinazolin-4-(3H)-ones	Alex Joseph, K. K. Srinivasan, Tukaram Kedar, Angel Treasa Thomas, Jessy E. M.
13	Bindhu Baby	Anchoring Sites in Spinel Oxide Nanoparticles : Solid-State NMR Studies	K. R. Ranjit, P. A. Joy, T. G. Ajithkumar
14	B. S. Jayashree	Synthesis, Characterization and Pharmacological Activities of Synthetic Chalcones and Flavonols	D.Vijay Kumar,Venkatachalam. H
15	Christy George	Evolution of Zero and Double Quantum Coherences of coupled Spin-1 Systems and their mimics under Isotropic Mixing	N. Chandrakumar
16	Cyril Augustine	HETERONUCLEAR DIPOLAR DECOUPLING IN THE NMR SPECTROSCOPY OF SOLIDS AND LIQUID CRYSTALS USING SUPERCYCLED SW _F -TPPM SEQUENC	Narayanan D. Kurur
17	Garima Jaipuria	NMR-PROC: A suite of methods for enhancing the quality of NMR spectra	Adil Hayat, Hanudatta S. Atreya
18	Gurjaspreet Singh	Synthesis and characterization of silatrane containing exocyclic methane sulfonato group	Mridula Garg
19	Hariom Gupta	Effect of Fe ₃ O ₄ nano-particle on MRI contrast and self diffusion of water	Parimal Paul, Naresh Kumar
20	<i>Harshesh Bhatt</i>	Structural investigation of ETR-3 RNA Recognition motifs 1& 2 involved in neuromuscular disorder myotonic dystrophy	<i>Maruthi Kashyap and Neel Sarovar Bhavesh</i>

21	Hilda Davis V	INTERACTIONS OF POLYELECTROLYTE AND NON-IONIC SURFACTANT: RESULTANT SELF-ASSEMBLED STRUCTURE IN THE HEXAGONAL MESOPHASE	Kamendra P Sharma, K. Guruswamy, P.R.Rajamohanam
22	Dinesh Kumar	^{13}C filtering of sequentially connected peaks in ^1H - ^{15}N HSQC spectra by tweaking HNN and HN(C)N experiments	Jithender G Reddy, Ramakrishna V. Hosur
23	K. S. Varadarajan	Investigation of Regional Neuronal and Glial Metabolism Simultaneously	Puneet Bagga, Rohith T.V., Anant B. Patel
24	Lakshman Pandey/Alok Shukla	On the Estimation of Domain Size in Nano-ferroelectrics from NMR T_1 data of Powdered Samples	Alok Shukla, Pramod Chaitanya and Pradeep kumar Ahirwal
25	Madavi Choudhary	NMR Studies of Stabilization of Helices Facilitated by Additional Interaction Involving Side Chains in Peptides from Unnatural Amino Acids	T. Anupama, Gangavaram V. M. Sharma, Ajit C. Kunwar
26	Mahendra Junwal	Characterisation of the degradation products of oseltamivir phosphate using LC-MS/TOF and LC-NMR	Archana Sahu, Tarun Handa and Saranjit Singh
27	Mamta Gupta	Metabolic Profiling Studies on the Toxicological Effects of Nickel Chloride in Rat Urine by ^1H NMR Spectroscopy	Ritu Tyagi, Poonam Rana, Ahmad Raza Khan, P J S Bhalla, Subash Khushu
28	Mamata Joshi	Probing Molecular Level Interaction of Antifungal Drugs with Model Membranes using NMR and DSC methods	Bhakti Pawar, Meena Kanyalkar, and Sudha Srivastava
29	Shilpi Modi	Optimization of Voxel Based Morphometry technique for the C-57 mouse brain	Manisha Bhattacharya, Prabhjot Kaur, Ritu Tyagi, Mamta Gupta and Subash Khushu
30	Manoj Kumar Rout	Modification of HNN experiment to 3D HNCAN experiment for resolution enhancement and $\text{C}\alpha$ information	Atreya HS, Ramakrishna V. Hosur
31	Maruthi Kashyap	Structural and mechanistic insights into the C-terminal RNA recognition motif of human ETR3	Ashwani Sharma, Harshesh Bhatt, Manickam Yogavel and Neel Sarovar Bhavesh
32	Matsyendranath Shukla	Analysis of diffusion in multi-component mixtures using a SOFAST-HMQC-DOSY experiment	Kavita Dorai
33	Meena Kanyalkar	Glass transition temperature (T_g) as a measure of sperm fertility: effect of antifertility drug nifedipine and its analogues	Abhijeet Waghmare, Lata Panicker ^c and Sudha Srivastava
34	Mehak Rohilla	^1H , ^{13}C AND 2D- NMR SPECTRAL STUDIES OF ERGOLINE DERIVATIVES	Tejvir Singh, P. Venugopalan
35	Monalisa Swain	STRUCTURAL AND FUNCTIONAL CHARACTERIZATION OF IGFBP-2 AND ITS FRAGMENTS BY NMR SPECTROSCOPY	R. Thirupathi, Steven A. Rosenzweig, H. S. Atreya
36	Naina Sharma	Asymmetric oxidation of arylalkene into α -arylaldehydes: Determining enantiomeric excess by NMR assay	Rakesh Kumar, Abhishek Sharm, Upendra K. Sharma and Arun K. Sinha
37	Nilamoni Nath	Quantification of Enantiomeric Excess by ^1H -Detected Heteronuclear Refocusing and Homonuclear Multiple Quantum NMR Experiments	N. Suryaprakash
38	Partha Ghosh	Nuclear Magnetic Resonance for characterization of anthocyanins in black carrot (<i>Daucus carota</i> , ssp. <i>sativus</i> var. <i>atrorubens</i> Alef.)	Nandini Sharma, Arun K. Sinha
39	Prabhjot Kaur	MANUAL ROI TRACING TECHNIQUE TO STUDY BRAIN VOLUME CHANGES AS A FUNCTION OF AGE IN C57 MICE: OUR INITIAL EXPERIENCE	Manisha Bhattacharya, Ritu Tyagi, Shilpi Modi, Subash Khushu
40	Prem Prakash Pathak/	Solution structure of Actin depolymerizing factor ADF/cofilin from Leishmania	Vaibhav Shukla, Anupam Jain, Sarita

	Anupam/Sarita	donovani and <i>Toxoplasma gondii</i>	Tripathi, Ashish Arora
41	Priyanka Sharma	DESIGN AND DEVELOPMENT OF NOBLE GAS POLARIZER SUBUNITS BASED ON SPIN EXCHANGE OPTICAL PUMPING	R.S Rautela, Vinay Bhatt, Subash Khushu
42	P. Purushotham Reddy	NMR study of 11/9-helix in α/β -peptides containing a New C- linked Carbo- $\beta^{2,3}$ -Amino acid ($\beta^{2,3}$ -Caa)	B. Veena, G.V.M. Sharma and A.C. Kunwar
43	Pushpa Mishra	Biophysical characterization of folded Plasmodium Falciparum P2 protein	Sudipta Das, Swagata Chakraborty Lata parnikar, M.V.Hosur, Shobna Sharma and R.V Hosur
44	Qudrat Hundal	Synthesis of substituted Phenylthio/selenoethanoic acids : Versatile synthons for C-3 Monosubstituted Phenylthio/seleno- β -lactams	S. S. Bari, Aman Bhalla
45	Ragini Sinha	Effect of bioactive quercetin and its analogs on DPPC membrane: A multinuclear NMR, molecular dynamic simulations and DSC study	Manoj K.Gadhwal, Urmila J.Joshi, Sudha Srivastava, Girjesh Govil
46	Ashok Kumar	Structural Analysis of Bacterial Peptidyl-tRNA Hydrolases	Rahul Yadav, Ashish Arora
47	Rahul Sharma	Study of Brain Metabolism Impairment after Whole-body Irradiation in Mice as Detected by in vivo ^1H MR Spectroscopy	Poonam Rana, Ahmad Raza Khan, Subash Khushu
48	M.Rajeswari	NMRD STUDY OF SLOW MOLECULAR PROCESSES IN THE ISOTROPIC PHASE OF A SINGLY FLUORINATED LIQUID CRYSTAL	M. TrivikramRao, K. Venu, V.S.S. Sastry, and R. Dabrowski
49	Rakhi Sharma	Towards the solution structure of Crc	Malay K Ray, and Mandar V Deshmukh
50	Ratan Kumar Rai	Identification of biomarkers by NMR spectroscopy of bronchoalveolar lavage fluid (BALF) in various lung injuries (ALI /ARDS)	Afzal Azim, Neeraj Sinha, Jyoti N. Sahoo, A.K Baronia, Mohan Gurjar
51	Rudra N. Purusottam	Measurement of ^{15}N - ^{13}C heteronuclear dipolar couplings for high resolution solid state NMR spectroscopy of aligned proteins	Ratan Kumar Rai, Kanchan Sonkar and Neeraj Sinha
52	Ravi P Barnwal	Understanding protein-protein interactions in 3'-end mRNA processing complexes using solution NMR	G Varani
53	Richa Trivedi	ASSESSMENT OF ACUTE RADIATION INJURY IN STRAIN A1 MICE USING DIFFUSION TENSOR IMAGING	Hemanth Kumar B S, Senthil VR, Rajendra P Tripathi, Subash Khushu
54	Robin Joshi	Triterpene saponins with antifungal activity from tea seeds (<i>Camellia sinensis</i>)	Poonam, Shalika, Swati Sood, Neeraj Kumar, Arvind Gulati and Ashu Gulati
55	Rudra N. Purusottam	Statistical Total Correlation Nuclear Magnetic Resonance spectroscopic approach for evaluation of metabolic flux of phage infection	Kanchan Sonkar and Neeraj Sinha
56	S. Jeelani Basha	NMR Studies on Novel Three Residue Turn Motifs in Peptides containing Unnatural Amino Acids	N. Chandramouli, P. Nagendar, K. V. S. Ramakrishna, G. V. M. Sharma, A. V. S. Sarma
57	Sachin Rama Chaudhari	Scalar couplings between chemically equivalent protons and the assignment of cis-, trans- isomers: Natural abundant ^{13}C edited homo- and hetero- nuclear resolved techniques	Uday Ramesh Prabhu, N. Suryaprakash
58	Sankeerth Hebbar	Proton CSA - Dipolar Cross-Correlations in Peptide Conformational analysis	P. Kumar, S. Raghothama
59	Sankeerth Hebbar	Combination Selective Excitation and Total Correlation NMR Techniques for the Complete Unraveling of Enantiomers	Uday Ramesh Prabhu, N. Suryaprakash

60	Santosh Kumar Upadhyay	NMR Investigation on the Interaction of Pharmaceuticals and Cyclodextrin	Syed Mashhood Ali
61	S. K. Bharti	METABOLIC SIGNATURES IN HISTOPATHOLOGICALLY PROVEN GALLBLADDER CARCINOMA TISSUES BY HR-MAS NMR SPECTROSCOPY	R. Roy, A. Behari, V. K. Kapoor, C. L. Khetrapal
62	Gurjaspreet Singh	Synthesis, characterization and reactivity of novel Bis(2,4-dinitrophenoxy)diethoxy silane	Satinder Pal Singh Mangat, Sheenam Girdhar, Promila
63	Vachala SD	NMR characterisation of bioactive synthetic pharmaceuticals akin to natural products	Srinivasan KK, Ajit K, Vikas G, Shanthanu BG
64	Shallu Dogra	Use of spectroscopic methods for characterizing the products during Envirocat (K10-MX) catalyzed regioselective transformation of alkenes into Iodohydrins, β -Iodo Ethers and further conversion of Iodohydrins to Epoxides using Al_2O_3 - Na_2CO_3 under MWI	M. L. Sharma and Jasvinder Singh
65	Shally Girdhar	Synthesis and Reactivity Studies of Pentacoordinate Silatranes	Gurjaspreet Singh
66	Shatakshi Srivastava	Efficacy of Ginkgo biloba in Aluminium induced neurotoxicity on Rat brain: A Magnetization transfer MRI study	Sandeep Tripathi, Abbas A. Mahdi, and Raja Roy
67	Sheenam Girdhar	Synthesis, Characterization and Reactivity of a Novel Hypervalent Complex of Silicon (IV) with 8-hydroxyquinoline	Gurjaspreet Singh
68	Shilpi Modi	Optimisation of a paradigm for studying attention using fMRI	Iti Chaudhary, S. Prakash, Subash Khushu
69	Soumik Dhara, Devesh Ajmeri	MOLECULAR INTERACTION/BINDING STUDY OF PEPTIDE, CALCITONIN-SALMON AND BENZETHONIUM CHLORIDE AS MONITER BY NMR	Sibaprasad Sahoo, K.Shivramchandra, T.Rajamannar, B.V.Kamath
70	O.P. Sidhu	NMR Spectroscopy for Metabolite Profiling of Economically Important Plants	Sanjay Annarao, Raja Roy, C.L. Khetrapal
71	Sonia Gandhi	METABOLIC REGULATORY VARIATION IN RAT SERUM DUE TO COLD STRESS: HIGH RESOLUTION 1H NMR APPROACH	Hemanth Kumar. B. S., Memita Devi, Sunil pal, Rajendra P Tripathi, Subash Khushu
72	Soumita Ghosh	Interaction and cross talk of tissues / biofluids in murine cerebral and non-cerebral malaria	Shobhona Sharma , Haripal Sonawat
73	Soumya Singha Roy	Spins as Quantum Registers	Abhishek Shukla, S.K. Jain, and T. S. Mahesh
74	Srinivasan KK	Synthesis and NMR characterisation of selected 2,3-disubstituted benzoxazinones and N-substituted 5-aminopyrroles	Hitesh A, VenkatRao J
75	Chinthalapalli Srinivas	EFFECT OF FEW PULSE SCHEMES ON SINGLET STATES IN SOLUTION STATE NMR	Narayanan D. Kurur
76	Subhradip Paul	DIPOLAR DECOUPLING IN SOLID-STATE NMR	P. K. Madhu, N. D. Kurur
77	A. L. Susmitha	NMR characterization of M- crystallin, a putative lens α -crystallin	Kousik Chandra, Y. Sharma, K. V. R. Chary
78	Swagata Chakraborty	Enriching HNN with detection of $^{13}C\alpha$ magnetization	Subhradip Paul, R.V. Hosur
79	Upendra Sharma	Diagnostic NMR Signals for Structure Elucidation of Steroidal Saponins from <i>Asparagus racemosus</i>	Rikki Saini, Bobita, Neeraj Kumar and Bikram Singh
80	U.Venkateshwara	An Orienting Medium for Enantiodiscrimination of Water Soluble Chiral	N. Suryaprakash

	Reddy	Molecules and the Measurement of RDCs in Bio-molecules	
81	Vaibhav Kalamkar	Probing molecular level interaction of voriconazole and its analogs with model membranes by multinuclear NMR and DSC methods	Meena Kanyalkar, V. S. Borkar, Mamata Joshi, Sudha Srivastava
82	Venkatachalam. H	Synthesis, Characterization and Pharmacological Activities of Synthetic Flavonoids and their Metal Complexes	B. S. Jayashree
83	Venus S. Mithu	Investigation of Zinc-Binding Sites of Alzheimer's Amyloid β -Fibrils using Solid-State Nuclear Magnetic Resonance	B. Sarkar, C Muralidharan, S. Maiti, P. K. Madhu
84	K.Vijaya Bhaskar	Synthesis and antimicrobial activity of some new 2-(2,4-diaminopyrimidine)-5-substituted arylimidazo(2,1-b)-1,3,4-thiadiazole derivatives	Mahesh.B.Palkar, Malleshappa Noolvi, Nandini Chatni
85	Vinay Ganapathy	Stereochemical identification of (<i>R/S</i>)-enantiomers from residual dipolar couplings and DFT calculations	Nilamoni Nath, N. Suryaprakash ^a
86	Vishal Kumar	Structure Elucidation of Diastereomeric Furofuran Lignans of <i>Zanthoxylum armatum</i> by NMR Spectroscopy	Upendra Sharma, Neeraj Kumar, Bikram Singh
87	Y.J.Subba Reddy	Heteronuclear Correlation between Carbon and Double Quantum Proton Chemical shifts in Solids	Vipin Agarwal, K.V.Ramanathan
88	Zeba Qadri	Design of band-selective double cross-polarization (DCP) Experiments in solid-state NMR	Ramesh Ramachandran
89	Garima Jaipuria	¹³ C Detected, Methyl Edited GFT NMR Spectroscopy in Solution and Solid State	Hanudatta S. Atreya
90	Hemanth Kumar	MR Relaxometry studies of Radiation Induced changes in Mice Brain	Poonam Rana, Sushant Kumar Mishra, Veeramani Senthil, S. Khushu
91	Monica Gupta	Knoevenagel Condensation catalyzed by HAP-L-Proline between aldehydes/ketones and malononitrile using ionic liquid	Satya Paul, Rajive Gupta
92	S. Begam Elavarasi	Computation of ¹³ C CSA tensors of the sugar ring in RNA/DNA nucleosides: Implications for secondary structure determination	Kavita Dorai