

Monday, February 3, 2014; TIME: 14.00-16.00 hrs
VENUE: COUNCIL HALL

Sl. No.	Name and Address	Title	POSTER Number
1	Sneha Potdar, Dayananda Sagar College of Engineering, Bangalore, sncha.potdarsdm@gmail.com	Pulse design for parallel transmit MRI using SOMGA	POSTER-1
2	Arush H. A., Dayananda Sagar College of Engineering, Bangalore, arush.getseven@gmail.com	Study of longitudinal relaxation time and suppression techniques in amniotic fluid on 1.5T in fetal MRI	POSTER-2
3	Shaik Iman Ahmed, Dayananda Sagar College of Engineering, Bangalore, shaikiman111@gmail.com	ASTRA: Adaptive spatio-temporal resolution for accelerated DCMRI driven by pharmacokinetics modeling	POSTER-3
4	Madhu Sudan Muguru Prabhu Swamy, Dayananda Sagar College of Engineering, Bangalore, madhusudanteju091@gmail.com	Brain and lung volume in fetal MRI Quantification of fetal neuropathology using Magnetic Resonance Imaging	POSTER-4
5	Ankita Bhanumathi Kumbara, Dayananda Sagar College of Engineering, Bangalore, ankita.kumbar@gmail.com	A structural and metabolic MRI study of stress induced in information technology professionals	POSTER-5
6	Ratnamanjuri Devi, Dayananda Sagar College of Engineering, Bangalore, ratnamanjuri@gmail.com	Back projection of surface temperature measurements for real time regulation of local specific absorption rate	POSTER-6
7	Shivaprasad Ashok Chikop, Dayananda Sagar College of Engineering, Bangalore, somu.052@gmail.com	Motion tracking in volumetric fetal MRI using speeded-up Robust Feature	POSTER-7
8	Divya Jain, Dayananda Sagar College of Engineering, Bangalore divyajain51@gmail.com	ROICS-PI: Combination of region of interest compressed sensing with parallel imaging	POSTER-8

9	Amaresha Konar Shridhar, Dayananda Sagar College of Engineering, Bangalore amaresh_cs@dayanandasagar.edu	1. Combination of ROI-compressed sensing with parallel imaging 2. Application of Region Of Interest Compressed Sensing (ROICS) to Accelerate Magnetic Resonance Angiography 3. ROICS-PI: Combination of Region Of Interest Compressed Sensing and Parallel Imaging for Arbitrary k-space Trajectories to Achieve Highly Accelerated MRI 4. Rangoli UnderSampling Library (RUSL) for k-space trajectory design to combine compressed sensing and parallel imaging for accelerated MRI	Combined One POSTER-9
10	Khusbu Agarwal, AIIMS, New Delhi agarwal.khusbu33@gmail.com	In vivo proton MRS study for assessing therapeutic response in breast cancer patients	POSTER-10
11	Harpreet Singh, IISER Mohali harpreetsingh@iisermohali.ac.in	Preserving quantum states in subspace and entangle state using super zeno effect on an NMR quantue computer	POSTER-11
12	Arijit Mukherjee, IISc Bangalore arijit2007@gmail.com	NMR studies on crystal engineering: Detection of LSAM in solution	POSTER-12
13	Pancham Singh Kandiyal, CDRI singh.kandiyal@gmail.com	Sugar modified foldamers as conformationally defined and biologically distinct glycopeptides mimics	POSTER-13
14	Satnam Singh, IISER Mohali, satnamsingh@iisermohali.ac.in	Molecular dynamics stimulations and magnetic field gradient spin-echo NMR studied of antioxidants diffusing in a phospholipid bilayer	POSTER-14
15	N. Durga Rani, DRDO, Hyderabad, durgarani13@gmail.com	Low frequency NMR studies on PAN-HTPB co-polymer based elastomers	POSTER-15
16	Abhinav Dubey, IISc	Rapid NMR assignments in proteins with optimized amino acid selective unlabeled combined with 2D triple resonance experiments	POSTER-16
17	Abhishek Shukla, IISER-Pune	Tracking a Quantum System	POSTER-17
18	Aditya Jhajharia, IISER Mohali kavita@iisermohali.ac.in	NMR studies of fluorinated drugs using PFG spin-echo experiments and cross-correlated spin relaxation	POSTER-18
19	Akanksha Bansal, IISc Bangalore akankshab@mbu.iisc.ernet.in	Interaction Studies Of Regulatory And Catalytic Subunits Of Acetohydroxyacid Synthase (AHAS)	POSTER-19
20	Ankeeta, AIIMS New Delhi	Adaptations in cortical activations in early, Late Blind	POSTER-20

21	Anup K. Nath, Tezpur University ask@tezu.ernet.in	individuals during auditory task Scaling of AC conductivity and electrochemical properties of ionic liquid based PVdF-HFP-MMT intercalated nanocomposite electrolytes	POSTER-21
22	Progyashree Goswami Gauhati University, Guwahati progyashree.goswami@gmail.com	Substituent dependent proton shift in the synthesis of unit-B of cryptophycin-24 via sharpless asymmetric dihydroxylation	POSTER-22
23	Asampille Gitanjali, IISc Bangalore gitanjali@sscu.iisc.ernet.in	Study of reversibly self-assembled nanotubular structures of hIGFBP-2 ²⁴⁹⁻²⁸⁹	POSTER-23
24	Bhaskar Jyoti Saikia	Synthesis of pH and Solvent Responsive Smart Star Polymer by Atom Transfer Radical Polymerization	POSTER-24
25	Bholanath Pahari, IISc Bangalore kvr@sif.iisc.ernet.in	Structural Characterization of Co-crystals by Solid-State NMR	POSTER-25
26	Sai Chaitanya Chiliveri, CCMB-Hyderabad	Structure of RDE-4 dsRBDs, mutational studies and dynamics provide insights in the dsRNA recognition in RNAi pathway of <i>C. elegans</i>	POSTER-26
27	Dayaka Satyanarayana, IICT-Hyderabad	DFT-assisted RDC-NMR spectroscopy: Identification of synthetic epimers of Dinemasone-A metabolite	POSTER-27
28	Deepika Bagga, INMAS Delhi skhushu@yahoo.com	Body mass index is associated with neurocognitive impairments in alcohol dependents	POSTER-28
29	Gajendra Singh, CDRI-Lucknow	Non-haemolytic Gramicidin-S mimetics: Solution Conformational studies by NMR	POSTER-29
30	Garima Jaipuria, IISc Bangalore	Insight into functional regulation of IGFBP-2 by its intrinsically disordered linker domain	POSTER-30
31	Gaurav Sharma, AIMS New Delhi	1. NMR based pharmacometabolomics of the response of chick chorioallantoic membrane to treatment with anti-angiogenic ayurvedic formulations	POSTER-31
		2. NMR phytochemical profiling and evaluation of antiaging potential of medicinal plants	POSTER-32
		3. NMR phytoanalysis and evaluation of anti-neovascularisation potential of medicinal plants	POSTER-33
32	Gurava Reddy P, IICT-Hyderabad pgr_cmpv@yahoo.co.in	Design of diastereomeric peptide foldamers containing APyC/ β -Caa and study of enantiomeric handedness by NMR	POSTER-34
33	Indrani Pal, IISc Bangalore	A Phosphorous Based Three Component Mixtures for Chiral	POSTER-35

34	Jayanta Hazarika, Tezpur University ask@tezu.ernet.in	Discrimination by NMR Spectroscopy Effect of sodium dodecylsulphate surfactant concentration on the formation of polypyrrole nanoparticles	POSTER-36
35	Jerripothula K Lakshmi, IICT-Hyderabad jerripothulaklakshmi545@gmail.com	DFT and NMR experimental evidences of formation of periodic γ -turns in unnatural α/β -hybrid peptides	POSTER-37
36	Jnanendra Upadhyay, Tezpur University ask@tezu.ernet.in	Study of structural, electrical and optical properties of polypyrrole nanotubes decorated with silver nanoparticles	POSTER-38
37	Srinivas Kuchipudi, DoCMP & NDE, Advanced Systems laboratory, Hyderabad vasu72@gmail.com	Low frequency NMR studies on PAN-HTPB co-polymer based elastomers	POSTER-39
38	Kapil Chaudhary, AIIMS New Delhi	Language reorganization in chronic intractable epilepsy revealed by functional magnetic resonance imaging (fMRI)	POSTER-40
39	Kumud Pandav, Dayalbagh Educational Institute, Dayalbagh, Agra kumud.pandav@gmail.com	A Solution Conformation Determination of an Abasic Lesion by 2D-NOESY	POSTER-41
40	Mamon Dey, Tezpur University	Ligand assisted tailoring of magnetic anisotropy	POSTER-42
41	Mamta Gupta, INMAS	Assessment of Cranial Radiation Induced Acute Metabolic Alterations in Murine Model: A ^1H NMR Spectroscopy Based Metabolomic Analysis	POSTER-43
42	Maninder Singh, IIT-Delhi cyz118199@chemistry.iitd.ac.in	Paramagnetic relaxation of Long-Lived Coherences in solution NMR	POSTER-44

Tuesday, February 4, 2014; TIME: 14.00-16.00 hrs
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43	P. Chattopadhyay, DRL Tezpur	Regulatory Issues of Radiopharmaceuticals as an Investigational New Drug Application	POSTER-45
44	Papia Dutta, Tezpur University papia@tezu.ernet.in	Characterization of keto-enol tautomers towards the synthesis of dibenzoxanthene derivatives via NMR techniques	POSTER-46
45	Paragjyoti Chutia, Tezpur University ask@tezu.ernet.in	Structural, thermal and electrical transport study of polythiophene-Ag nanocomposite synthesized by in-situ chemical reduction method	POSTER-47

46	Parismita Sharma, Tezpur University parshe@tezu.ernet.in	Efficient synthesis of β -amino carbonyl derivatives using solid acid catalyst	POSTER-48
47	Pinky Gogoi, Tezpur University pinky09@tezu.ernet.in	Three component synthesis of some new 5, 6- disubstituted cycloalkyl -3, 4-dihydropyrimidinone derivatives	POSTER-49
48	Puneeta Singh, CCMB-Hyderabad	Solution structural characterization of RBP-42 from <i>T. brucei</i>	POSTER-50
49	Pushpa Mishra, TIFR-Mumbai	Structural Characteristics of Conserved C-terminal Segment of Eukaryotic Acidic Ribosomal P2 proteins: Functional Implications	POSTER-51
50	Rakhi Sharma, CCMB-Hyderabad rakhi@ccmb.res.in	Structure-Function Relationship of Crc, a Global Regulator in <i>Pseudomonas</i>	POSTER-52
51	Ritu Tyagi, INMAS-New Delhi tyagibiochem@gmail.com	Toxicological Effects of CoCl ₂ Induced System Alteration in Multiple Rat Organs as Revealed by ¹ H NMR Spectroscopy	POSTER-53
52	Rustam Singh, TIFR-Mumbai	¹ H-NMR based Metabonomics study of tryptophan metabolism in <i>P. berghei</i> infected C57BL/6 mice model	POSTER-54
53	Samiran Hazarika, Tezpur University spl.inassam@gmail.com	Electron paramagnetic resonance study of nanoscale Gd ₂ O ₃ systems	POSTER-55
54	Sandeep Kumar Mishra, , IISc Bangalore	In Tube Approach for Testing the Enantiopurity of Chiral Amines and Amino Alcohols by ¹ H NMR	POSTER-56
55	Sandhya Rani Gogoi, Tezpur University nsi@tezu.ernet.in	NMR Spectroscopy – A Versatile Tool to Investigate Structure and Activity of Peroxometal Macrocomplexes	POSTER-57
56	Arup K. Dutta, Tezpur University akdutta@tezu.ernet.in	Synthesis and characterization of anti- 2,3-dihydro-1, 2, 3-trisubstituted-1H-naphth[1,2-e][1,3] oxazine derivatives	POSTER-58
57	Sirisha Katukuri, IICT-Hyderabad sirishakatukuri.iict@gmail.com	Design and Study of Mixed β -Peptides with Alternating Carbo- β -amino acids and β -hGly	POSTER-59
58	Siva Ranjan Uppala, IISER Mohali rramesh@iisermohali.ac.in	Unraveling Multi-spin effects in Rotational Resonance NMR	POSTER-60
59	Somenath Ghatak, AIIMS New Delhi	1. Spectroscopic metabolomics: A potential tool for studying nutraceuticals 2. NMR in sensory sciences	POSTER-61
60	N. Someswara Rao, Andhra University pramalu@yahoo.co.in	¹³ C NMR Spectral study of Edible Oils, Mosquito Repellants and Incense Sticks that cause of Indoor Air Pollution	POSTER-62
61	N. C. Bhanumathi Devi, Motilal Nehru National Institute of Tech, Allahabad n_bhanumathi@yahoo.com	¹⁵ N-NMR spectral data of selected Anti-Cancer Drugs	POSTER-63
62	R. V. Sudheer Kumar, IISc Bangalore	Proton-Boron Correlation and Measurement of Distances in the Solid-State – Application to Borax and Other Boron Containing Compounds	POSTER-64

63	Sunita Gudwani, AIIMS New Delhi	Is sentence comprehension in adult bilinguals a conscious switching?	POSTER-65
64	Swathi S. Hegde, IISER Pune swathi.h@students.iiserpune.ac.in	Study of Decoherence in Quantum Information Processing Using NMR	POSTER-66
65	D. Zarena, JNTUA CEA, Anantapur	Structural and functional analysis of novel Antimicrobial peptides from Chinese odorous frogs	POSTER-67
66	Himani Rawat, IISER Pune himanirawat@students.iiserpune.ac.in	TBA	POSTER-68
67	Abhishek Banerjee, IIT-Madras a.banerjee.iitm@gmail.com	Ultrafast Diagonal Suppressed Spin Echo Correlation Spectroscopy	POSTER-69
68	S Phani Babu Vemulapalli, IICT-Hyderabad e-mail: vsphanibabu@gmail.com	¹²⁹ Xe NMR Investigation of the Anisotropic Environment of Two Nematic Thermotropic Liquid Crystals of Opposite Diamagnetic Susceptibilities	POSTER-70
69	Supriya Pratihar, Max Planck Institute for Biophysical Chemistry, Gottingen, Germany e-mail: cigr@nmr.mpibpc.mpg.de	Different Dynamic Properties of Proteins in Supra- τ_c Window	POSTER-71
70	Jitender K. Das, CSIR-IICB-Kolkata jkdas.iicb@gmail.com	Relaxation Dispersion NMR Study of Transthyretin	POSTER-72
71	Runjun Sarma, Tezpur University runjun.sarma@gmail.com	Advanced spectroscopic characterizations of CdSe quantum dots with soy-extracted lecithin	POSTER-73
72	Sakshi Sharma, AIIMS, New Delhi, India	NMR phytochemical analysis of cytotoxic medicinal plants	POSTER-74
73	Surbhi Arya, IIT Roorkee surarya17@gmail.com	Synthesis and Biological Evaluation of Amidine Derivatives	POSTER-75
74	Virendra Kumar Departments of 1NMR and 2Medicine, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110029. kumar.virendra@hotmail.com	In Vivo Quantitation of Metabolites using Proton Magnetic Resonance Spectroscopy of Brain at 3T in Obstructive Sleep Apnea	POSTER-76
75	Rajkumar Sharma CBMR, SGPGIMS Campus, Lucknow	Characterization of gallstone disease by NMR and FTIR Spectroscopy	POSTER-77
76	Lokeswar Rao IISc, Bangalore	Structural Characterization of Co-crystals by Solid-state NMR [will be presented by Bholanath Pahari]	POSTER-78
77	Koushik Saikia, Tezpur University	Study on the interparticle interaction of superparamagnetic iron oxide nanoparticles	POSTER-79

78	Email: pdeb@tezu.ernet.in Madhulekha Gogoi, Tezpur University pdeb@tezu.ernet.in	for MRI contrast imaging application Maglumino hybrid nanosystem as dual contrast agent for magnetic resonance and optical imaging	POSTER-80
79	Deepak K Jha, Tezpur University Email:- dkjha@tezu.ernet.in	Facile One Pot Synthesis of Hydrophilic Superparamagnetic FePt Nanoparticles for Molecular Imaging	POSTER-81
80	Kashmiri Deka, Tezpur University E-mail: pdeb@tezu.ernet.in	MnO Nanoparticles Encapsulated with Mesoporous Carbon Shell as a Novel Biocompatible MRI Contrast Probe	POSTER-82
81	Kakoli Bhattacharya, Tezpur University Email: pdeb@tezu.ernet.in	Magnetoporous assembly of iron oxide nanoparticles for MRI molecular imaging	POSTER-83
82	Santosh Kumar Upadhyay, Institut Européen de Chimie & Biologie (IECB) University of Bordeaux, Cedex, France	Molecular basis of increased nucleolin:RNA-binding with N-terminal truncations of human FKBP25	POSTER-84
83	Sibaprasad Sahoo, Sun Pharma Advanced Research Company Ltd & The M. S. University of Baroda, C/O: Dr. B. V. Kamath	Quantitative amino acid analysis of therapeutic peptides by using qNMR	POSTER-85
84	Kanakaraju Marumudi, ICT-Hyderabad kanakam108@gmail.com	NMR studies of Nucleation of Novel Three Residue Turn in β -Peptides by a 12/10-Helix	POSTER-86
85	Koushik Chandra, IISc Bangalore	Spin Noise Detected Two-Dimensional Fourier Transform NMR Spectroscopy	POSTER-87