

**Recent Advances in Material Science and Computational Techniques (RAMSACT-2021)**
**Presentation Schedule**
**Join Us**
**Day I: November 24, 2021**
**Time (IST): 16.20 - 18.00 hrs**

Sr. No.	PID	Authors	Paper Title
1	9	Pritam Saha	Zinc aluminate (ZnAl <sub>2</sub> O <sub>4</sub> ) supported and catalyzed highly effective Suzuki-Miyaura cross-coupling reaction under microwave irradiation: application to fused tricyclic oxa-aza-quinoline
2	14	Rameshkumar K, Satya Narayanan V, Arjun M, Arjun Kumar R and Manish M.M	Design Optimization of Needle and Spherical Roller Bearings using Traditional and Pareto Optimal Approaches
3	4	Rakesh Sharma, Tarushi Jain, Pratiksha Shrivastava and Palak Rai	Mucormycosis: A Rare Fungal Infection that Emerged as Epidemic
4	24	Dr. Monika Sogani, Ayush Dahamiwal and Sutapa Das	Grey water Treatment in Rural areas: Constructed Wetlands as Sustainable Solution
5	36	Dr. Nitesh Kumar Poddar, Parul Pal, Hemlata Sharma and Bashah J. Khan	An Insilico analysis to check the effect of novel drug molecules with Interleukin-6 on Rheumatoid arthritis
6	37	Abhishek Dadhich, Rajesh Kumar, Mamta Dhiman, Lakshika Sharma and Dr. Madan Mohan Sharma	Comparative assessment of chlorophyll content in various plants using SPAD-502 plus
7	38	Mahak Gour, Nishant Meharda, Sanchita Rathore, Rohit Jain and Madan Sharma	Nutrient reclamation in some districts of Rajasthan through organic farming: A review
8	40	Abhijeet Singh, Devyani Charan, Tejulal Chourasia, Durgesh Kumar, Surendra Kumar, Devendra Jain and Rajeev Mishra	Over-expression of classical HDAC family genes is associated with poor prognosis and immune infiltration in breast cancer
9	43	Rajeev Mishra, Radhika Rathi, Surabhi Suchanti, Prashant Povel Dwivedi, Abhijeet Singh and Gyanendra Singh	Expression and Regulation of DNA repair genes in Kidney renal papillary cell carcinoma: a bioinformatics analysis
10	45	Sandeep Srivastava, Navneet Kaur, Grijesh Jaiswal, Monika G and Devendra Sharma	Two component signaling system components as attractive therapeutic target in methicillin resistant Staphylococcus aureus (MRSA)
11	6	G. Gupta, J. Khan and N.K. Singh	Technologies for waste water treatment: Challenges and future prospects
12	20	Neelam Sharma, Vibha Shrivastava and Rahul Shrivastava	Graphene-based electrochemical sensors for sensing of heavy metal ions
13	26	Sriparna Ray and Subhash Chand	Scope of Incorporation of Noncanonical Amino Acids into Myoglobin
14	33	Rakshanda Singhal, Babita Malik and Meenakshi Paliana	Recent advances in synthetic application and functionalization of organohypervalent iodine reagents
15	34	Hitlesh Ajmera, Shruti Garge, Renuka Suravajhala and Babita Malik	Repurposing of polyphenolic compounds as novel drug targets in stomach cancer
16	17	Vandana Kumari, Priyanka Kumari, Saikat Chattopadhyay and Susruta Samanta	A brief review on the inactivation of the S-protein of 2019-nCoV (novel Coronavirus) as a preventive intervention
17	23	Priyanka Kumari, Susruta Samanta, Kamakhya Misra, Anupam Sharma, Nilanjan Halder and Saikat Chattopadhyay	Optoelectronic Properties of Spherical ZnS Nanoparticles Synthesized by Sol-Gel Method
18	27	Ashok Kumawat, Saikat Chattopadhyay and Kamakhya Prakash Misra	Microstructural Analysis of Sol-Gel Derived Eu Doped ZnO Nanoparticles
19	31	Ashima Bagaria and Ashima Sharma	Morphology of MoS <sub>2</sub> Nanostructures: Insights into the Solvent Assisted Exfoliation.
20	32	Pushpendra Kumar	Effect of Synthesis Process on the Properties of Nitrate Doped Calcium Hydroxide Nanomaterials

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**Day II: November 25, 2021**

**Time (IST): 15.30 - 18.00 hrs**

Sr. No.	PID	Authors	Paper Title
1	15	Ruchi Kaushik, Vijander Singh and Rajani Kumari	Artificial intelligence: A new model for online proctoring in education
2	11	Ashish Gupta and Vijander Singh	A Review of Emerging Technologies for Rapid Prototyping
3	18	Kusum Lata Jain, Shivani Gupta, Smaranika Mohapatra and Pradeep Kumar Tiwari	Is India ready for technological change in Agriculture: From urban to rural path for Agridrones
4	41	Suman Bhakar and Devershi Bhatt	Parkinson's Disease predication using image processing
5	42	Smaranika Mohapatra and Neha Chaudhary	ACAM-Agro-farm Crop Analysis & Management
6	10	Devershi Pallavi Bhatt, Sumegh Tharewal, Shilpa Sharma and Devanshi Ledwani	A review on RFID Based Children Safety Management system
7	12	Devanshi Ledwani, Devershi Pallavi Bhatt and Ishika Thakur	CHALLENGES ASSOCIATED WITH CYBER-SAFETY DURING AND AFTER COVID-19 PANDEMIC: A REVIEW
8	21	Kuntal Gaur, Pradeep Kumar, Aman Raghav, Anurag Bhatnagar and Divya Sharma	An Overview of Penetration Testing and its types
9	22	Pradeep Kumar, Kuntal Gaur and Lov Kumar	Evolution of Mobile Application Development: Native to Hybrid
10	3	Linesh Raja, Vaibhav Bhatnagar, Shilpa Sharma, Swami Nisha Bhagirath and Divya Sharma	Computer Vision with Nature Inspired Algorithms
11	25	Divya Sharma, Swami Nisha Bhagirath, Shilpa Sharma, Vaibhav Bhatnagar and Linesh Raja	Image Classification based on sentiment Polarity using Machine Learning Approaches
12	16	Shruti Dang, Ekta Mittal, Sunil Joshi and Mudita Menon	PROPERTIES OF k- GAUSS HYPERGEOMETRIC FUNCTION AND FRACTIONAL DERIVATIVES
13	19	Kalpna Sharma and Kavita Jat	Effect of equal suction/injection on viscous incompressible fluid flow between two moving porous discs with constant thermal phenomenon
14	28	Amit Gaur and Garima Agarwal	Some Results on Beta-Laplace Integral Transform of Generalized Mittag Leffler Function
15	35	Rishikesh Dutta Tiwary, Ashok Kumar Pal and Lata Kumari Bairwa	Existence and stability analysis of noncollinear points in CRTBP with radiation pressure and oblateness
16	39	Rohit Shiv Ashish Sharma and Himanshu Rathore	An inventory model for price and stock dependent demand under the effect of inflation and preservation technology