

THERMANS-2018

— Programme Schedule —

WORKSHOP AND SYMPOSIUM ON THERMAL ANALYSIS

Department of Chemistry,
Goa University, Goa - 403206, India
January 16-20, 2018

Organised by

**Department of Chemistry, Goa University, Goa
Indian Thermal Analysis Society (ITAS), Mumbai**

Supported by

**Board of Research in Nuclear Sciences
Department of Atomic Energy
Government of India**

THERMANS-2018 PROGRAMME SCHEDULE

WORKSHOP - Tuesday 16-01-2018

9:30 to 10:00 hrs	Inauguration of Workshop Chief Guest: Prof. Varun Sahni <i>Vice-Chancellor, Goa University</i>
10:00 to 10:30 hrs	High Tea
10:30 to 12:30hrs	Session I
Chair: Dr. S. R. Dharwadkar	Plenary Lecture - 1 : Dr. K. Ananthasivan, IGCAR <i>A fuel chemist's sojourn in thermal methods</i>
	Lecture - 2 : Prof. S. K. Saha, IIT Mumbai <i>Phase change materials</i>
12:30 to 13:30 hrs	Lunch
13:30 to 15:30 hrs	Session II
Chair: Dr. Renu Agarwal	Lecture - 3 : Dr. R. H. Naina, BARC <i>Evolved Gas Analysis: Basics and applications</i>

WORKSHOP - Tuesday 16-01-2018

	Lecture - 4 : Dr. Virendra Kumar, BARC <i>Applications of thermal analysis in polymeric materials</i>
15:30 to 15:45 hrs	Tea
15:45 to 16:45 hrs	Session III
Chair: Dr. V. S. Nadkarni	Lecture - 5 : Dr. A. M. Banerjee, BARC <i>Role of thermo-analytical techniques in characterization of heterogeneous catalysis</i>

WORKSHOP - Wednesday 17-01-2018

9:30 to 11:30 hrs	Session IV
Chair: Dr. Sandip Kumar Saha	Lecture - 6 : Dr. Shyamala Bharadwaj, Ex-BARC <i>Calorimetry</i>
	Lecture - 7 : Dr. Prabhakar Singh, IIT-BHU <i>Conductivity spectroscopy: A tool to understand the ion dynamics in crystalline and amorphous materials</i>

WORKSHOP - Wednesday 17-01-2018

11:30 to 11:45 hrs	Tea
11:45 to 12:45 hrs	Session V
Chair: Dr. Ratikant Mishra	Lecture - 8 : Dr. Ram Avtar Jat, BARC <i>Kinetics of Metal-Hydrogen Reactions</i>
12:45 to 13:45 hrs	Lunch
13:45 to 16:30 hrs	Session VI
Chair: Dr. Ratikant Mishra	Lecture - 9 : Dr. Mainak Roy, BARC <i>High-temperature Raman spectroscopy for materials characterization</i>
	<i>Demonstration Experiments on Thermal Analysis, Department of Chemistry, Goa University</i>
16:30 to 16:45 hrs	Tea
16:45 to 17:15 hrs	Feedback Session & Workshop closing

SYMPOSIUM - Thursday 18-01-2018

9:30 to 10:30 hrs	Inauguration of Symposium & ITAS Award distribution Chief Guest: Dr. P. D. Naik <i>Associate Director, Chemistry Group, BARC</i>
	Guest of Honour: Prof. Gourish M Naik <i>Dean Faculty of Natural Sciences, Goa University</i>
10:30 to 11:00 hrs	High Tea
11:00 to 13:15hrs Chair: Dr. P. D. Naik	Session I
	Plenary Lecture - 1 : Prof. Ramana G. Reddy, USA <i>Thermal energy storage materials: Molten salts</i>
	Invited Lecture - 2 : Prof. Perla Relkin, France <i>Use of DSC for monitoring food and connected bio-applications</i>

SYMPOSIUM - Thursday 18-01-2018

	Invited Lecture - 3 : Dr. R. Rajeev, VSSC <i>(NETZSCH-ITAS Award Lecture)</i> <i>Role of thermal analysis in the development of propulsion systems for space applications</i>
13:15 to 14:00 hrs	Lunch
14:00 to 15:30 hrs	Session II
	POSTER Presentations <i>(Posters A, B and C Categories)</i>
15:30 to 15:45 hrs	Tea
15:45 to 17:30 hrs Chair: Dr. Shyamala Bharadwaj	Session III
	Oral Presentations (7 Papers), 15 minutes each <i>Paper Numbers: SL-1 to SL-7</i>
18:00 to 19:00 hrs	ITAS Annual General Body Meeting

SYMPOSIUM - Friday 19-01-2018

9:30 to 11:00 hrs	Session IV
Chair: Dr. R. Rajeev, VSSC	Invited Lecture - 4 : Prof. T. Markus, Germany <i>High temperature Knudsen effusion mass spectrometry and its applications in various fields of science and technology</i>
	Invited Lecture - 5 : Dr. Madhumita Goswami, BARC <i>Crystallisation Kinetics and mechanism of glass ceramics systems</i>
11:00 to 11:15 hrs	Tea
11:15 to 13:00 hrs	Session V
Chair: Dr. G. A. Rama Rao	Oral Presentations (7 Papers), 15 minutes each <i>Paper Numbers: SL-8 to SL-14</i>
13:00 to 14:00 hrs	Lunch
14:00 to 15:30 hrs	Session VI
	POSTER Presentations <i>(Posters D, E and F categories)</i>
15:30 to 15:45 hrs	Tea

SYMPOSIUM - Friday 19-01-2018

15:45 to 16:15 hrs	Session VII
Chair: Dr. A. V. Salker	Technical Presentations <i>M/s. KEP Nuclear, France</i> <i>M/s. Mettler-Toledo, India</i>
16:15 to 18:30 hrs	Session VIII
Chair: Dr. R. K. Verma	Invited Lecture - 6 : Dr. S. Das Gupta, HASETRI <i>Applications of thermal analytical procedures in the study of elastomers and elastomer systems</i>
	ITAS Award Lecture : Dr. Smruti Dash, BARC <i>(SETARAM-ITAS Calorimetry Excellence Award)</i>
	Invited Lecture - 7 : Dr. Rajesh Ganesan, IGCAR <i>Phase equilibria and thermochemical properties of materials for nuclear applications</i>
18:30 to 19:45 hrs	Cultural Program

SYMPOSIUM - Saturday 20-01-2018

9:30 to 11:00 hrs Chair: Dr. S. Kannan, BARC	Session IX
	Invited Lecture - 8 : Prof. A. V. Salker, Goa Univ. <i>Adsorption identification on solids and applications by the thermal techniques</i>
	ITAS Award Lecture : Dr. S. K. Sali, BARC <i>(CTHERM-Thermal Analysis Award)</i>
11:00 to 11:15 hrs	Tea
11:15 to 13:00 hrs Chair: Dr. B. R. Srinivasan, Goa University	Session X
	Oral presentations (7 papers), 15 minute each <i>(Paper Numbers: SL-15 to SL-21)</i>
13:00 to 14:00 hrs	Lunch

SYMPOSIUM - Saturday 20-01-2018

14:00 to 15:45 hrs Chair: Dr. Smruti Dash	Session XI
	Invited Lecture - 9 : Dr. N. K. Mohalik, CSIR <i>Application of thermal analysis techniques to study spontaneous combustion of coal</i>
15:45 to 16:00 hrs	Invited Lecture - 10 : ICTAC Activities Prof. R. K. Verma, Magadh University <i>ICTAC's role in promotion of international understanding and cooperation in thermal analysis and calorimetry</i>
16:00 to 17:00 hrs	Tea
	BRNS Activities, Valedictory Function & Prize Distributions

