



## Schedule

**International Conference on Innovative Trends in Statistics, Optimization, and Data Science  
(IC-ITSODS-2024)**

**21 – 23 December 2024**

**In Conjunction with**

**44<sup>th</sup> Annual Convention of Indian Society for Probability and Statistics (ISPS)**

**&**

**8<sup>th</sup> Convention of Indian Association for Reliability and Statistics (IARS)**

<b>Day-1 (21-12-2024) (Saturday)</b>		
<b>Time</b>	<b>Programme</b>	<b>Venue</b>
08:00-09:00	<b>Breakfast</b>	Crush Hall
09:00-10:00	<b>Registration</b>	Crush Hall
10:00-11:30	<b>Inauguration and Award Ceremony</b>	Senate Hall
11:30-12:00	<b>High Tea</b>	Crush Hall
12:00-01:30	<b>Keynote Address Session-01</b> <b>Chair: Prof. A.M. Mathai (Canada)</b> <b>Speakers: Prof. A. K. Verma (Norway)</b> <b>Prof. Shesh N. Rai (USA)</b>	Senate Hall
01:30-2:30	<b>Lunch</b>	Crush Hall
02:30-04:00	<b>Keynote Address Session-02</b> <b>Chair: Prof. Syamala Krishnan Nair (South Africa)</b> <b>Speakers:</b> <b>Prof. TES Raghavan (USA)</b> <b>Prof. Yogendra Prasad Chaubey (Canada)</b>	P. C. Mahalanobis Hall
02:30-04:00	<b>Prof. Ashis Sen Gupta Innovative Lecture</b> <b>Speaker: Prof. Kunio Shimizu (Japan)</b> <b>Chair: Prof. Ashis Sen Gupta (ISI, Kolkata)</b> <b>M. P. Sastry Endowment Lecture</b> <b>Chair: Prof. B.S. Biradar (MU, Mysore)</b> <b>Speaker: Prof. C. K. Jaggi (DU, Delhi)</b>	C. R. Rao Hall
02:30-04:00	<b>Prof. P.V. Sukhatme Endowment Lecture</b> <b>Chair: Prof. S. C. Malik (MDU, Rohtak)</b> <b>Speaker: Prof. Neeraj Misra (IIT, Kanpur)</b> <b>Plenary Session: 01</b> <b>Chair: Prof. B.K. Das (DU, Delhi)</b> <b>Speaker: Dr. Deokumar Srivastava (USA)</b>	Hall-1
02:30-05:30	<b>Prof. G. Sankarnarayanan Endowment Symposium:</b> <b>Chair: Prof. Somesh Kumar (IIT- Kharagpur)</b> <b>1. Prof. S.K. Neogy (ISI-Delhi)</b> <b>2. Prof. A. Krishnamoorthy. (CUSAT, Cochin)</b> <b>3. Prof. N. Balakrishna, (IIT, Tirupati)</b>	Hall-2

02:30-04:00	<b>Plenary Session: 02</b> <b>Chair: Prof. P. Rajasekhara Reddy (SVU, Tirupati)</b> <b>Speakers:</b> <b>Prof. Vishnu Vardhan Rao (ICMR-NIMS, Delhi)</b> <b>Prof. Shalab (IIT, Kanpur)</b>	Hall-3
02:30-04:00	<b>Invited Session: 01</b> <b>Chair: Prof. D. K. Ghosh (SU, Rajkot)</b> <b>Speaker: Prof. Anu G. Aggarwal (DU, Delhi)</b> <b>Chair: Prof. M. K. Sharma (TU, Patiala)</b> <b>Technical Session: 01</b> <b>CPS-01&amp;02: Presenters: SI 08 &amp; RTM (01, 03-06,15)</b>	Hall-4
02:30-04:00	<b>Invited Session: 02</b> <b>Chair: Prof. K. Sampath Kumar (TU, Telangana)</b> <b>Speaker: Prof. Ranjita Pandey (DU, Delhi)</b> <b>Technical Session: 02</b> <b>Chair: Prof. Satish Sharma (TU, Patiala)</b> <b>CPS-4: Presenters: AM (01-05, 15-16)</b>	Hall-5
02:30-04:00	<b>Plenary Session: 03</b> <b>Chair: Prof. K. Muralidharan (MSU, Baroda)</b> <b>Speakers</b> <b>Prof. Rahul Gupta (JU, Jammu)</b> <b>Prof. Bhupender Singh (CCS, Meerut)</b>	Lab.
04:00-05:30	<b>Plenary Session: 04</b> <b>Chair: Prof. Suresh Sharma (PU, Chandigarh)</b> <b>Speakers</b> <b>Prof. Milan Stehlik (Chile)</b> <b>Prof. M. B. Rao (USA)</b> <b>Prof. Saumen Mandal (Canada)</b>	Online Session (Lab.)
04:00-05:30	<b>Plenary Session: 05</b> <b>Chair: Prof. Shalabh (IIT, Kanpur)</b> <b>Speaker: Prof. Amar Nath Gill (IIIT, Una)</b> <b>Prof. Hare Krishna (CCS, Meerut)</b>	P. C. Mahalanobis Hall
04:00-05:30	<b>Invited Session: 03</b> <b>Chair: Dr. Sridhar Akiri (GITAMU, Visakhapatnam, A.P.)</b> <b>Speaker: Dr. Sameer Anand (DU, Delhi)</b> <b>Technical Session: 03</b> <b>Chair: Dr. Vikash (TU, Patiala)</b> <b>CPS-03 &amp; 09: Presenters: RA (01-04, 07) &amp; FT-06</b>	C. R. Rao Hall
04:00-05:30	<b>Plenary Session: 06</b> <b>Chair: Prof. S.B. Singh (GBPUAT, Pantnagar)</b> <b>Speakers: Prof. Kalpana Mahajan (PU, Chandigarh)</b> <b>Prof. Neeraj Tiwari (KU, Uttarakhand)</b>	Hall-1
04:00-05:30	<b>Invited Session: 04</b> <b>Chair: Prof. C. Satheesh (UoK, Kerela)</b> <b>Speaker: Prof. Ravi K. Mahajan</b> <b>Technical Session: 04</b> <b>Chair: Dr. Gurjeet Kaur (DU, Delhi)</b> <b>CPS-5 &amp; 14: Presenters: DS (01-02, 13-16) &amp; QT-01</b>	Hall-3

04:00-5:30	<b>Invited Session: 05</b> <b>Chair: Prof. R. L. Shinde (KBCNMU, Maharashtra)</b> <b>Speaker: Prof. N.K. Sajeed Kumar (UC, Kerala)</b> <b>Technical Session:05</b> <b>Chair:Dr. Samrat Hore (TU, Tripura)</b> <b>CPS-6 &amp; 15: Presenters:ST (01-04, 09-10) &amp; SM 03</b>	Hall-4
04:00-5:30	<b>Invited Session: 06</b> <b>Chair: Prof. Santosh P. Gite (MU, Mumbai)</b> <b>Speaker: Dr. Amit Kumar Jakhar (JUIT, Solan)</b> <b>Technical Session:06</b> <b>Chair:Dr. Munish (TU, Patiala)</b> <b>CPS-4: Presenters: AM (07-14)</b>	Hall-5
06:00-08:30	<b>Cultural Programme</b>	University Auditorium
08:30- 09:30	<b>Gala Dinner</b>	Crush Hall

<b>Day-2 (22-12-2024) (Sunday)</b>		
08:00-9:00	<b>Break Fast</b>	Crush Hall
09:00-10:30	<b>Plenary Session: 07</b> <b>Chair: Prof. D. K. Garg (PU, Patiala)</b> <b>Speakers:</b> <b>Prof. Ramakrishnan Ramanathan (UAE)</b> <b>Prof. Raj Srinivasan (Canada)</b> <b>Prof. Nilesh Kumar (South Korea)</b>	Online Session (Lab.)
09:00-10:30	<b>Prof. M. Sambandham Endowment Lecture</b> <b>Chair: Prof. S. C. Malik (MDU, Rohtak)</b> <b>Speaker: Prof. A. M. Mathai (Canada)</b> <b>Plenary Session: 08</b> <b>Chair: Prof. A. Krishnamoorthy (CUSAT, Cochin)</b> <b>Speaker: Prof. Ashis Sen Gupta (ISI, Kolkata)</b>	P. C. Mahalanobis Hall
09:00-10:30	<b>Plenary Session: 09</b> <b>Chair: Prof. S.K. Neogy (ISI, Delhi)</b> <b>Speakers:</b> <b>Prof. Alok Pandey (USA)</b> <b>Prof. Syamala Krishnan Nair (South Africa)</b>	C. R. Rao Hall
09:00-10:30	<b>Plenary Session: 10</b> <b>Chair: Prof. N. Balakrishna, (IIT, Tirupati)</b> <b>Speakers:</b> <b>Prof. D. K. Ghosh (MU, Rajkot)</b> <b>Prof. Aquil Ahmad (AMU, Aligarh)</b>	Hall-1
09:00-10:30	<b>Plenary Session: 11</b> <b>Chair: Prof. A. K. Verma (Norway)</b> <b>Speakers:</b> <b>Prof. S.B. Singh (GBPUAT, Pantnagar)</b> <b>Prof. Suresh Sharma (PU, Chandigarh)</b>	Hall-2
09:00-10:30	<b>Plenary Session: 12</b> <b>Chair: Prof. J. P. S. Joorel (JU, Jammu)</b> <b>Speakers:</b> <b>Prof. C. Uma Shankar (RU, Kurnool, A.P.)</b> <b>Prof. P. C. Jha (DU, Delhi)</b>	Hall-3
09:00-10:30	<b>Invited Session: 07</b> <b>Chair: Prof. Ompal Singh (DU, Delhi)</b> <b>Speaker: Prof. Deepak Kumar (AU, Noida)</b> <b>Technical Session:07</b> <b>Chair: Prof. Vikram Bali (GECT, Noida)</b> <b>CPS-7: Presenters OR (01-06)</b>	Hall-4
09:00-10:30	<b>Invited Session: 08</b> <b>Chair: Prof. S. K. Mishra (BHU, Varanasi)</b> <b>Speaker: Dr. Omprakash Jadhav (Dr. BAMU, Maharashtra)</b> <b>Technical Session:08</b> <b>Chair: Dr. Ayatullah Faruk Mollah (A. U., Kolkata)</b> <b>CPS-08:Presenters AI (01-03, 05-06)</b>	Hall-5

10:30-12:00	<b>Plenary Session: 13</b> <b>Chair: Prof. Singara Singh (CU, Haryana)</b> <b>Speakers:</b> <b>Prof. Bikas K Sinha (ISI, Kolkata)</b> <b>Prof. David D Hangal (SPPU, Pune)</b>	Online Session (Lab.)
10:30-12:00	<b>Endowment Lectures Session</b> <b>R. Ravanan Endowment Lecture</b> <b>Chair: Prof. A. M. Mathai (Canada)</b> <b>Speaker: Prof. S. C. Malik (MDU, Rohtak)</b> <b>Prof. Y C Narasimhulu Memorial Endowment Lecture</b> <b>Chair: Prof. R. L. Shinde (KBCNMU, Maharashtra)</b> <b>Speaker: Prof. B. S. Biradar, Mysore</b>	P. C. Mahalanobis Hall
10:30-12:00	<b>Plenary Session: 14</b> <b>Chair: Prof. Somesh Kumar (IIT- Kharagpur)</b> <b>Speakers:</b> <b>Prof. Kanchan Jain (PU, Chandigarh)</b> <b>Technical Session:09</b> <b>Chair: Dr. S.K. Chauhan (DU, Delhi)</b> <b>CPS-11: Presenters: ML (02-03, 05-06)</b>	C. R. Rao Hall
10:30-12:00	<b>Invited Session: 09</b> <b>Chair: Prof. Suresh Sharma (PU, Chandigarh)</b> <b>Speaker: Prof. Pawan Kumar (JU, Jammu)</b> <b>Technical Session:10</b> <b>Chair: Dr. M. Venkateswaran (MC, Tamil Nadu)</b> <b>CPS-02 &amp; 15: Presenters: RTM (25, 27,32) &amp; SM (01, 04-07)</b>	Hall-1
10:30-12:00	<b>Plenary Session: 15</b> <b>Chair: Prof. D. K. Ghosh (MU, Rajkot)</b> <b>Speakers: Prof. Poonam Singh (DU, Delhi)</b> <b>Prof. D. K. Garg (PU, Patiala)</b>	Hall-2
10:30-12:00	<b>Invited Session: 10</b> <b>Chair: Prof. Shesh N. Rai (USA)</b> <b>Speaker: Prof. Viswanath C Narayanan (GEC, Kerela)</b> <b>Chair:Dr. A. K. Singh (DST, Delhi)</b> <b>Technical Session:11</b> <b>CPS-1 &amp; 05: Presenters: SI (02-07) &amp; DS 07</b>	Hall-3
10:30-12:00	<b>Invited Session: 11</b> <b>Chair: Prof. Anil Kumar Bhardwaj (UoR, Jaipur)</b> <b>Speaker: Dr. Anshu Gupta (AU, Delhi)</b> <b>Technical Session:12</b> <b>Chair: Prof. Amit Kumar (TU, Patiala)</b> <b>CPS-9: Presenters FT (01-05, 07-09)</b>	Hall-4
10:30-12:00	<b>Invited Session: 12</b> <b>Chair: Prof. S. S. Bhatia (TU, Patiala)</b> <b>Speaker: Dr. Vandana Khaitan (DU, Delhi)</b> <b>Technical Session:13</b> <b>Chair: Dr. Aakash (DU, Delhi)</b>	Hall-5

	<b>CPS-04 &amp; 10: Presenters AM 06 &amp; AS (01-06, 15)</b>	
12:00-01:30	<b>Prof. M. N. Desh Pande Award Presentation</b> <b>MNDPAP-01: Dr. Prafulla Kumar Swain (UU, Odisha)</b> <b>MNDPAP -02: Dr. G Avinash (ICAR-IARI, Delhi)</b> <b>MNDPAP -03: Dr. Farha Sultana (IIIT Guwahati)</b>	Online Session (Lab.)
12:00-01:30	<b>Plenary Session: 16</b> <b>Chair: Prof. A. Krishnamoorthy (CUSAT, Cochin)</b> <b>Speakers</b> <b>Prof. Anoop Chaturvedi (UOA, Allahabad)</b> <b>Prof. Pankaj Gupta (DU, Delhi)</b>	P. C. Mahalanobis Hall
12:00-01:30	<b>Students Project Competition</b> <b>Team: 01 (Student of Calicut University)</b> <b>Team: 02 (Student of Cochin University of Science and Technology)</b> <b>Team: 03 (Student of Savitribai Phule Pune University)</b>	C. R. Rao Hall
12:00-01:30	<b>Invited Session: 13</b> <b>Chair: Prof. Hare Krishna (CCS, Meerut)</b> <b>Speakers: Prof. R. Elangovan (AU, Annamalai)</b> <b>Prof. Alka Sabharwal (DU, Delhi)</b> <b>Dr. Samrat Hore (TU, Tripura)</b>	Hall-1
12:00-01:30	<b>IARS Best Research Paper Award Presentation</b> <b>IBRP-01</b> <b>IBRP-02</b> <b>IBRP-03</b> <b>IBRP-04</b>	Hall-2
12:00-01:30	<b>Invited Session: 14</b> <b>Chair: Prof. Bhupender Singh (CCS, Meerut)</b> <b>Speaker: Dr. Adarsh Anand (DU, Delhi)</b> <b>Technical Session:14</b> <b>Chair: Dr. Ramesh (DU, Delhi)</b> <b>CPS-2: Presenters RTM (46-51)</b>	Hall-3
12:00-01:30	<b>Invited Session: 15</b> <b>Chair: Prof. Parmil Kumar (JU, Jammu)</b> <b>Speaker: Prof. Shivani Bali (JIM, Noida)</b> <b>Technical Session:15</b> <b>Chair:Dr. Sarabjeet Singh (PU, Patiala)</b> <b>CPS-12: Presenters PDT (01-07)</b>	Hall-4
12:00-01:30	<b>Invited Session: 16</b> <b>Chair: Dr. Rohtash K. Bhardwaj (PU, Patiala)</b> <b>Speaker: Dr. Vijay Kumar Gahlawat (NIFTEM, Sonapat)</b> <b>Technical Session:16</b> <b>Chair:Dr. Rahul Solanki (DU, Delhi)</b> <b>CPS-14: Presenters QT (05-07, 09, 11-12)</b>	Hall-5
01:30-02:30	<b>Lunch</b>	Crush Hall
02:30-04:00	<b>Plenary Session: 17</b> <b>Chair: Prof. K.M. Sakthivel (BU, Tamil Nadu)</b>	Online Session (Lab.)

	<b>Speaker</b> <b>Prof. M. B. Rao (USA)</b> <b>Chair:Dr. Raosaheb Latpate (SPPU, Pune)</b> <b>Presenters: ML 01 &amp; 04, RA 05-06, DS 04 &amp; 08, PDT 24, AI 04, RTM 02, MD 07</b>	
02:30-05:30	<b>ISPS Best Research Paper Presentation</b> <b>BRP-01: R Anand (UoC, Kerala)</b> <b>BRP-02: Bavadhaarini. S (UoM, Chennai)</b> <b>BRP-03: Danisiri Tanuja (VIT, Amaravati)</b> <b>BRP-04: Dr. Dreamlee Sharma (DU, Delhi)</b> <b>BRP-05: T.S. Sahana (MCC, Chennai)</b> <b>BRP-06: Dr. Suresha Kharvi (KSHMA, Karnataka)</b> <b>BRP-07: Dr. Jorawar Bura (KU, Kurukshetra)</b>	P. C. Mahalanobis Hall
02:30-04:00	<b>Invited Session:17</b> <b>Chair: Prof. K.M. Sakthivel (BU, Tamil Nadu)</b> <b>Speaker: Prof. Amit Kumar (TU, Patiala)</b> <b>Technical Session:18</b> <b>Chair: Prof. R. Elangovan (AU, Annamalai)</b> <b>CPS-09: Presenters FT (10-18)</b>	C. R. Rao Hall
02:30-04:00	<b>Invited Session: 18</b> <b>Chair: Prof. K. Sampath Kumar (TU, Telangana)</b> <b>Speaker: Dr. Jyoti Darbari (LSR, Delhi)</b> <b>Technical Session:19</b> <b>Chair:Dr. Neha Garg (IGNOU, Delhi)</b> <b>CPS-8&amp;11&amp;15: Presenters AI (07-09) &amp; ML (07-08) &amp; SM 13</b>	Hall-1
02:30-04:00	<b>Plenary Session:18</b> <b>Chair: Prof. C. Uma Shankar (RU, Kurnool, A.P.)</b> <b>Speaker:</b> <b>Prof. D.S. Hooda (PVC, KUK)</b> <b>Prof. Narinder Kumar (PU, Chandigarh)</b>	Hall-2
02:30-04:00	<b>AR Kamat Best Thesis Award Presentation</b> <b>BTA-01 (Dr. G. Avinash)</b> <b>BTA-02 (Dr. Anjana Mondal)</b> <b>BTA-03 (Dr. G. Siva)</b>	Hall-3
02:30-04:00	<b>Invited Session:19</b> <b>Chair: Prof. Anoop Chaturvedi, (UOA, Allahabad)</b> <b>Speakers:</b> <b>Prof. Parmil Kumar (JU, Jammu)</b> <b>Prof. Mangey Ram (GEU, Dehradun)</b> <b>Dr. Shilpi Verma (DU, Delhi)</b>	Hall-4
02:30-04:00	<b>Invited Session:20</b> <b>Chair: Prof. Jitendra Kumar (CU, Rajasthan)</b> <b>Speaker: Dr. Girish Chandra (DU, Delhi)</b> <b>Technical Session: 20</b> <b>Chair: Prof. Dheeraj Pawar (AU, Noida)</b> <b>CPS-2: Presenters RTM (07-08, 11-12, 40,43-44)</b>	Hall-5
04:00-05:30	<b>Plenary Session: 19</b> <b>Chair: Prof. Aadesh Kumar (NDRI, Karnal)</b>	Online Session (Lab.)

	<b>Speakers: Prof. Thomas Mathew (USA) Dr. Vinod Kumar Chauhan (UK)</b>	
04:00-05:30	<b>Invited Session:21 Chair: Dr. Gajendra K. Vishwakarma (IIT, Dhanbad) Speaker: Prof. K.M. Sakthivel (BU, Tamil Nadu) Technical Session:21 Chair: Dr. Devendra Kumar (DU, Delhi) CPS-12: Presenters PDT (08-14)</b>	P. C. Mahalanobis Hall
04:00-05:30	<b>Invited Session:22 Chair: Prof. C Satheesh, (UoK, Kerela) Speaker: Dr. Ashish Kumar (MUJ, Jaipur) Technical Session:22 Chair: Dr. Rakesh Kumar (SMVDU, Jammu) CPS-07: Presenters OR (07-08,10-12,16)</b>	C. R. Rao Hall
04:00-05:30	<b>Invited Session:23 Chair: Prof. N. K. Sanjeev Kumar (UC, Kerela) Speaker: Prof. A. K. Malik (UPRTOU, Prayagraj) Technical Session:23 Chair: Prof. Naveen Kumar (BMU, Rohtak) CPS-16: Presenters MD (02,09,13-17,19)</b>	Hall-1
04:00-05:30	<b>Invited Session:24 Chair: Dr. Mahabir Barak (IGU, Meerpur) Speaker: Dr. Kapil Kumar (CCS, Meerut) Technical Session:24 Chair: Dr. Geetanjali (BPIT, Delhi) CPS-02: Presenters RTM (13-14, 52-56)</b>	Hall-2
04:00-05:30	<b>Invited Session:25 Chair: Prof. Parmil Kumar (JU, Jammu) Speaker: Prof. Singara Singh (CU, Haryana) Technical Session:25 Chair: Dr. Rama Shanker (AU, Assam) CPS-02: Presenters RTM (19-24)</b>	Hall-3
04:00-05:30	<b>Invited Session:26 Chair: Prof Pawan Kumar (JU, Jammu) Speaker: Dr. R. R. Sinha Technical Session:26 Chair: Prof. Anil Kumar Bhardwaj (UoR, Jaipur) CPS-07: Presenters OR (13-15, 20-24)</b>	Hall-4
04:00-05:30	<b>Invited Session:27 Chair: Prof. Diwakar Shukla (Dr. HGV, Sagar) Speakers: Prof. Babita Goyal (DU, Delhi) Dr. D. P. Raykundaliya (SPU, Gujrat) Dr. Dheeraj Panwar (AU, Noida)</b>	Hall-5
05:30	<b>AGM of ISPS</b>	Department of Statistics & O.R.
08:00-09:30	<b>Conference Dinner</b>	Crush Hall



<b>Day-3 (23-12-2024) (Monday)</b>		
08:00-9:00	<b>Break Fast</b>	Crush Hall
09:00-10:30	<b>Plenary Session: 20</b> <b>Chair: Dr. Devendra Kumar (DU, Delhi)</b> <b>Speakers: Dr. Debashree Ray (USA)</b> <b>Dr. Anish Jindal (UK)</b>	Online/Offline Session (Lab.)
09:00-10:30	<b>Endowment Lectures Session</b> <b>Prof. David D. Hanagal Lecture</b> <b>Chair: Prof. S.K. Neogy (ISI-Delhi)</b> <b>Speaker: Prof. Somesh, IIT, Kharagpur</b> <b>Endowment Lectures Session</b> <b>Prof. A. M. Mathai Endowment Lecture</b> <b>Chair: Prof. A. M. Mathai</b> <b>Speaker: Prof. C Satheesh, UoK, Kerela</b>	P. C. Mahalanobis Hall
09:00-10:30	<b>Invited Talk Session: 28</b> <b>Chair: Prof. Syamala Krishnan Nair (South Africa)</b> <b>Speakers</b> <b>Prof. Diwakar Shukla (Dr. HGV, Sagar)</b> <b>Prof. Santosh P. Gite (MU, Mumbai)</b> <b>Prof G. C. Bhimani (SU, Rajkot)</b>	C. R. Rao Hall
09:00-10:30	<b>Invited Talk Session: 29</b> <b>Chair: Prof. B. K. Dass (DU, Delhi)</b> <b>Speaker</b> <b>Prof. S. K. Mishra (BHU, Varanasi)</b> <b>Technical Session:27</b> <b>Chair: Dr. Ram Niwas (GGDSD, Chandigarh)</b> <b>CPS-07: Presenters OR (09, 17-19, 25-27)</b>	Hall-1
09:00-10:30	<b>Invited Talk Session: 30</b> <b>Chair: Prof. R. L. Shinde (KBCNMU, Maharashtra)</b> <b>Speaker</b> <b>Dr. Rama Shanker (AU, Assam)</b> <b>Technical Session:28</b> <b>Chair: Dr. Sarabjeet (PU, Patiala)</b> <b>CPS-12: Presenters PDT (15-21)</b>	Hall-2
09:00-10:30	<b>Invited Talk Session: 31</b> <b>Chair: Prof. P.K. Mahajan (YSPUHF, Solan)</b> <b>Speaker: Prof. B.K. Hooda (CCSHAU, Hisar)</b> <b>Technical Session:29</b> <b>Chair: Dr. Rohtash K. Bhardwaj (PU, Patiala)</b> <b>CPS-15: Presenters SM (08-12, 14)</b>	Hall-3
09:00-10:30	<b>Invited Talk Session: 32</b> <b>Chair: Dr. Mahabir Barak (IGU, Meerpur)</b> <b>Speaker: Dr. Pushap Lata Sharma (HPU, Shimla)</b> <b>Technical Session:30</b> <b>Chair: Dr. Vijeta Pathania (HPU, Shimla)</b> <b>CPS-04: Presenters AM (17-22)</b>	Hall-4
09:00-10:30	<b>Invited Talk Session: 33</b> <b>Chair: Dr. Rakesh Kumar (SMVDU, Jammu)</b>	Hall-5

	<b>Speaker: Dr. Neha Garg (IGNOU, Delhi)</b> <b>Technical Session:31</b> <b>Chair: Dr. Gajendra Pratap Singh (JNU, Delhi)</b> <b>CPS-10: Presenters AS (07-08, 16-20)</b>	
10:30-12:00	<b>Invited Talk Session: 34</b> <b>Chair: Prof. P. C. Jha (DU, Delhi)</b> <b>Speaker: Prof. R. L. Shinde (KBCNMU, Maharashtra)</b> <b>Technical Session:32</b> <b>Chair: Prof. K. Sampath Kumar (TU, Telangana)</b> <b>CPS-1: Presenters SI (01, 09-13)</b>	Online/Offline Session (Lab.)
10:30-12:00	<b>Invited Talk Session: 35</b> <b>Chair: Prof. Mangey Ram (GEU, Dehradun)</b> <b>Speaker: Prof. Jitendra Kumar (CU, Rajasthan)</b> <b>Technical Session:33</b> <b>Chair: Dr. Yogita (NIT, Kurukshetra)</b> <b>CPS-2&amp;5: Presenters RTM 57 &amp; DS (03, 05-06,09)</b>	P. C. Mahalanobis Hall
10:30-12:00	<b>Invited Talk Session: 36</b> <b>Chair: Prof. Poonam Kumari (KU, Kurukshetra)</b> <b>Speaker: Dr. Aadesh Kumar (NDRI, Karnal)</b> <b>Technical Session:34</b> <b>Chair: Dr. Naveen Nandal (MDU, Rohtak)</b> <b>CPS-2: Presenters RTM (09-10, 16, 26, 28-30)</b>	C. R. Rao Hall
10:30-12:00	<b>Invited Talk Session: 37</b> <b>Chair: Prof. D. K. Ghosh (SU, Gujrat)</b> <b>Speaker:Dr. Rohtash Kumar Bhardwaj (PU, Patiala)</b> <b>Technical Session:35</b> <b>Chair: Dr. Joginder Singh (CCSHAU, Hisar)</b> <b>CPS-2: Presenters RTM (17-18, 31, 33-36)</b>	Hall-1
10:30-12:00	<b>Invited Talk Session: 38</b> <b>Chair: Prof. Anil Kumar Bhardwaj (UoR, Jaipur)</b> <b>Speaker: Prof. Rajan Kumar Sahoo (CU, Haryana)</b> <b>Chair: Prof. H. S. Jhajj(PU, Patiala)</b> <b>Technical Session:36</b> <b>CPS-6: Presenters ST (05-08, 11-13)</b>	Hall-2
10:30-12:00	<b>Invited Talk Session: 39</b> <b>Chair: Prof. B. K. Hooda (CCSHAU, Hisar)</b> <b>Speaker: Dr. Sarabjeet Singh (PU, Patiala)</b> <b>Technical Session:37</b> <b>Chair: Dr. M. Venkateswaran (MC, Tamil Nadu)</b> <b>CPS-5 &amp; 6: Presenters DS (10-12,17) &amp; ST (14-17)</b>	Hall-3
10:30-12:00	<b>Invited Talk Session: 40</b> <b>Chair: Prof. Anoop Chaturvedi, (UOA, Allahabad)</b> <b>Speaker: Prof. K. Jayakumar (UoC, Kerela)</b> <b>Technical Session: 38</b> <b>Chair: Dr. Manish Goyal (KU, Kurukshetra)</b> <b>CPS-10: Presenters AS (09-14)</b>	Hall-4
10:30-12:00	<b>Invited Talk Session: 41</b> <b>Chair: Dr. Sanjey Kumar (SRM, Sonapat)</b>	Hall-5

	<b>Speaker: Dr. Gulab Singh (DU, Delhi)</b> <b>Technical Session:39</b> <b>Chair: Dr. Vikram Munday (DU, Delhi)</b> <b>CPS-03 &amp; 12: Presenters RA 08 &amp; PDT (22-23, 25-27),</b>	
12:00-01:30	<b>Plenary Session: 21</b> <b>Chair: Prof. P. C. Jha (DU, Delhi)</b> <b>Speaker: Dr. Manoj Tiwari (Oman)</b> <b>Technical Session:40</b> <b>Chair: Prof. K. Sampath Kumar (TU, Telangana)</b> <b>CPS-15 &amp; 16: Presenters SM (02) &amp; MD (01,11-12,18,20-21)</b>	Online/Offline Session (Lab.)
12:00-01:30	<b>Invited Talk Session: 42</b> <b>Chair: Prof. Santosh P. Gite (MU, Mumbai)</b> <b>Speaker: Prof. Anil Kumar Bhardwaj (UoR, Jaipur)</b> <b>Dr. Raosaheb Latpate (SPPU, Pune)</b> <b>Dr. Irfan Ali (AMU, Aligarh)</b>	P. C. Mahalanobis Hall
12:00-01:30	<b>Invited Talk Session: 43</b> <b>Chair: Prof. Rahul Gupta (JU, Jammu)</b> <b>Speaker: Dr. Devendra Kumar (DU, Delhi)</b> <b>Technical Session:41</b> <b>Chair: Prof. D.K. Ghosh</b> <b>CPS-13: Presenters DOE (01-07)</b>	C. R. Rao Hall
12:00-01:30	<b>Invited Talk Session: 44</b> <b>Chair: Prof. Somesh Kumar (IIT- Kharagpur)</b> <b>Speaker: Dr. Gajendra K. Vishwakarma (IIT, Dhanbad)</b> <b>Technical Session:42</b> <b>Chair: Dr. Samrat Hore (TU, Tripura)</b> <b>CPS-16: Presenters MD (03-06, 08, 10)</b>	Hall-1
12:00-01:30	<b>Invited Talk Session: 45</b> <b>Chair: Prof. S. K. Mishra (BHU, Varanasi)</b> <b>Speaker: Dr. Rakesh Kumar (SMVDU, Jammu)</b> <b>Technical Session:43</b> <b>Chair: Dr. Puran Rathi (MDU, Rohtak)</b> <b>CPS-2: Presenters RTM (37-39,41-42,45)</b>	Hall-2
12:00-01:30	<b>Invited Talk Session: 46</b> <b>Chair: Prof. N. Balakrishna (IIT, Tirupati)</b> <b>Speaker: Prof. Chandra Shekhar (BITS, Pilani)</b> <b>Technical Session:44</b> <b>Chair: Dr. Vijay Kumar Gahlawat (NIFTEM, Sonapat)</b> <b>CPS-14: Presenters QT (02-04, 08, 10)</b>	Hall-3
12:00-01:30	<b>Invited Talk Session: 47</b> <b>Chair: Prof. Jitendra Kumar (CU, Rajasthan)</b> <b>Speakers: Dr. Mahabir Barak (IGU, Meerpur)</b> <b>Dr. Ravinder (CU, Haryana)</b> <b>Dr. Manish Goyal (KU, Kurukshetra)</b>	Hall-4
12:00-01:30	<b>Invited Talk Session: 48</b> <b>Chair: Prof. K. Sampath Kumar (TU, Telangana)</b> <b>Speakers:Dr. M. Venkateswaran (MC, Tamil Nadu)</b> <b>Dr. Yogita (NIT, Kurukshetra)</b> <b>Dr. Gajendra Pratap Singh (JNU, Delhi)</b>	Hall-5

01:30-02:30	<b>Lunch</b>	Crush Hall
02:30-04:00	<b>Valedictory Function and Award Ceremony</b>	Senate Hall
04:30-05:00	<b>High Tea</b>	Senate Hall



(Dr. Jitender Kumar)  
Organizing Secretary



(Prof. M. S. Kadyan)  
Convener