

XX VETOMAC 2025				
Day 1 (18 Decemeber 2025)				
8.30 - 9.30 Hrs	Registration- Reception, Classroom Complex, Core 5, IITG			
9.30 - 10.30 Hrs	Inaugural Session at Core 5 (5G2)			
10.30 - 11.00 Hrs	High Tea Break			
11.00 - 11.45 Hrs	Plenary Talk 1 (Prof. Romuald Rządowski, Institute of Fluid-Flow Machinery, Poland) Venue- 5G2 (Chair: Prof. Rajiv Tiwari)			
11.45 - 12.30 Hrs	Plenary Talk 2 (Prof. C. Nataraj, Villanova University, USA) Venue- 5G2 (Chair: Prof. Rajiv Tiwari)			
12.30 - 14.00 Hrs	Lunch			
	Technical Session, Venue: Classroom Complex, Core 5, IITG			
	Session 1 (Room: 5001)	Session 2 (Room: 5002)	Session 3 (Room: 5003)	Session 4 (Room: 5004)
	Session Chair: Prof. Amol Vuppuluri	Session Chair: Prof. Ashish Chaudhari	Session Chair: Prof. Arnab Banerjee	Session Chair: Prof. Mayank Tiwari
14.00 - 14.30 Hrs	Keynote 1	Keynote 2	Keynote 3	Keynote 4
	Speaker: Prof Pavan Kumar Kankar, IIT Indore	Speaker: Prof P M Pathak, IIT Roorkee	Speaker: Mr Nilotpol Kar, Sika India Private Ltd	Speaker: Prof Ashish K Darpe, IIT Delhi
14.30 - 15.45 Hrs	Condition Monitoring and M/c Diagnostics	Nonlinear Vibrations	Impact and Blast Resistant Design	Rotor Dynamics
	Paper ID	Paper ID	Paper ID	Paper ID
	120	208	246	196
	121	235	331	76
	201	27	250	262
	232	180	319	213
	259	197	28	309
15.45 - 16.00 Hrs	Tea Break (Core 5)			
	Session 5 (Room: 5001)	Session 6 (Room: 5002)	Session 7 (Room: 5003)	Session 8 (Room: 5004)
	Session Chair: Dr. Shashank Srivastava	Session Chair: Prof Atanu Banerjee	Session Chair: Dr. Saayan Banerjee	Session Chair: Prof. Rakesh Kumar
16.00 - 16.30 Hrs	Keynote 5	Keynote 6	Keynote 7	Keynote 8
	Speaker: Prof Niranjan Sahoo, IIT Guwahati	Speaker: Prof. S K Dwivedy, IIT Guwahati	Speaker: Prof B. Ravindra, IIT Jodhpur	Speaker: Dr Arun Kumar, Ex Head, Propulsion Division NAL
16.30 - 18.00 Hrs	Vibration and Acoustic Control	Vibration & Waves	Vehicle Dynamics	Rotor Dynamics
	Paper ID	Paper ID	Paper ID	Paper ID
	224	63	47	109
	227	82	176	101
	241	153	258	38
	178	142	114	55
	285	133	158	244
	41	87	192	14
19.00 - 21.30 Hrs	Gala Dinner (Core 5)			

Day 2 (19 December 2025)				
Technical Session, Venue: Classroom Complex, Core 5, IITG				
8.30 - 9.30 Hrs	Registration- Reception, Classroom Complex, Core 5, IITG			
9.00 - 9.45 Hrs	Plenary Talk 3 (Prof. C W Lim, City University of Hong Kong, Hongkong) Venue- 5G2 (Chair: Prof. C Nataraj)			
9.45 - 10.15 Hrs	Session 9 (Room: 5001)	Session 10 (Room: 5002)	Session 11 (Room: 5003)	Session 12 (Room: 5004)
	Session Chair: Prof. Deepak Sharma	Session Chair: Prof. Ashish K Darpe	Session Chair: Prof. Venkatesham B	Session Chair: Prof. P M Pathak
	Keynote 9	Keynote 10	Keynote 11	Keynote 12
	Speaker: Prof. S G Rajasekharan, BITS Pilani, Hyderabad	Speaker: Prof Mayank Tiwari, IIT Palakkad	Speaker: Prof. Arnab Banerjee, IIT Delhi	Speaker: Prof V Kartik, IIT Bombay
10.15 - 11.15 Hrs	Condition Monitoring and M/c Diagnostics	Rotor Dynamics	Vibration and Acoustic Control	Vibration & Waves
	Paper ID	Paper ID	Paper ID	Paper ID
	68	203	300	268
	148	156	321	296
	9	140	131	240
	13	264	78	130
11.15 - 11.30 Hrs	Tea Break (Core 5)			
	Session 13 (Room: 5001)	Session 14 (Room: 5002)	Session 15 (Room: 5003)	Session 16 (Room: 5004)
	Session Chair: Prof B. Ravindra	Session Chair: Prof. Sachin Singh	Session Chair: Prof. Vijay Kumar Gupta	Session Chair: Prof. Manjeet Keshav
11.30 - 12.45 Hrs	Signal Processing and Parameter Estimation	Rotor Dynamics	Vibration and Acoustic Control	Multi-Disciplinary
	Paper ID	Paper ID	Paper ID	Paper ID
	210	107	326	188
	93	72	53	154
	70	74	80	22
	71	59	329	179
	222	273	21	134
12.45 - 14.00 Hrs	Lunch (Core 5)			
	Poster Session (Paper ID:19, 32, 33, 57, 73, 124, 128, 136, 191, 194, 214, 229, 301, 332, 334)			
14.00 - 14.45 Hrs	Plenary Talk 4 (Prof Alok Sinha, The PennState University, USA) Venue- 5G2 (Chair: Prof S K Dwivedy)			
14.45 - 15.30 Hrs	Plenary Talk 5 (Prof Pramod Shreshtha, Tribhuvan University, Nepal) Venue- 5G2 (Chair: Prof S K Dwivedy)			
	Session 17 (Room: 5001)	Session 18 (Room: 5002)	Session 19 (Room: 5003)	Session 20 (Room: 5003)
	Session Chair: Prof. D. Ganga	Session Chair: Prof. Piyush Shakya	Session Chair:Prof. Pavan Kankar	Session Chair: Prof. S G Rajasekharan
15.30 - 16.00 Hrs	Keynote 13	Keynote 14	Keynote 15	Keynote 16
	Speaker: Prof. Alankar, IIT Bombay	Speaker: Dr. Inderpal Singh Sandhu, TBRL Chandigarh	Speaker: Prof. S. M. Hazarika, IIT Guwahati	Speaker: Prof. Devdas Shetty, Uni. District of Columbia, USA
16.00 - 17.00 Hrs	Condition Monitoring and M/c Diagnostics	Fracture, Fatigue and Damage Mechanics	Digital Twin and Machine Learning	Multi-Disciplinary
	Paper ID	Paper ID	Paper ID	Paper ID
	91	303	211	122
	281	51	228	89
	305	30	161	257
	23	173	112	328
17.00- 17.15 Hrs	Tea Break (Core 5)			
	Session 21 (Room: 5001)	Session 22 (Room: 5002)	Session 23 (Room: 5003)	Session 24 (Room: 5004)
	Session Chair: Dr. Amit Kumar Rai	Session Chair: Prof. Prabhat Kumar	Session Chair: Prof. Ranjan Kumar Mitra	Session Chair: Prof. Subho Mukherjee
17.15 - 18.15 Hrs	Vibration & Waves	Multi-Disciplinary	Vehicle Dynamics	Multi-Disciplinary
	Paper ID	Paper ID	Paper ID	Paper ID
	88	52	7	29
	155	45	54	247
	135	132	200	209
		64		282
19.00 - 20.30 Hrs	Light Dinner (Core 5)			

Day 3 (20 December 2025)				
Technical Session, Venue: Core 5				
9.00 - 9.45 Hrs	Plenary Session 6 (Prof. G. Litak, Lublin Uni. of Technology, Poland) Venue- 5G2 (Chair: Prof. Romuald Rządowski)			
9.45 - 10.10 Hrs	Talk by Sponsors (Motion Scope and Araltech polytech) (Chair: Prof RK Mittal)			
10.30 - 10.45 Hrs	Tea Break (Core 5)			
	Session 25 (Room: 5001)	Session 26 (Room: 5002)	Session 27 (Room: 5003)	Session 28 (Room: 5004)
	Session Chair: Prof. Ujendra Kumar Komal	Session Chair: Prof. Shashank Pandey	Session Chair: Prof. Ashesh Saha	Session Chair: Prof. Kundan Singh
10.45 - 11.15 Hrs	Keynote 17	Keynote 18	Keynote 19	Keynote 20
	Speaker: Prof. Poonam Kumari, IIT Guwahati	Speaker: Prof. Karuna Kalita, IIT Guwahati	Speaker: Prof. N. NODA, Kyushu Ins. of Tech., Japan	Speaker: Prof. Ramesh Singh, IIT Bombay
11.15 - 12.30 Hrs	Composite and Nano Structure	Renewable Energy and Climate Change	Multi-Physics and Flexible Multi Body Dynamics	Multi-Disciplinary
	Paper ID	Paper ID	Paper ID	Paper ID
	327	325	66	85
	318	83	175	84
	75	167	170	94
	111	172	102	99
	164	171	287	335
	141	272	294	34
12.30- 13.15 Hrs	Valedictory Session			
13.15- 14.30 Hrs	Lunch (Core 5)			