

ISFT 2020- Core Guide

Day	Date	Start	End	Duration	Details
1	6-Jan	1800hrs	1900 hrs	60	Registration
		1930 hrs	2130 hrs	120	Welcome Dinner for Keynote Speakers and Foreign Delegates
2	7-Jan	8:00	9:30	90	Registration
		9:30	11:00	90	Inaugural Ceremony
		11:00	11:30	30	High Tea
		11:30	13:00	90	Plenary session I
		13:00	13:45	45	Lunch
		13:45	15:45	120	Plenary session II
		15:45	16:00	15	Tea Break
		16:00	17:30	90	Technical session 1-V
		16:00	17:30	90	Poster Session - I
		17:30	18:15	45	Travel to Dinner Venue
		18:30	19:30	60	Cultural Programme
		19:30	21:00	90	Cocktail Dinner
3	8-Jan	9:00	11:00	120	Technical session VI-XI
		9:00	11:00	120	Poster Session - II
		11:00	11:30	30	Tea Break
		11:30	13:30	120	Plenary session III

		13:30	14:15	45	Lunch
		14:15	16:15	120	Plenary session IV
		16:15	16:30	15	Short Break
		16:30	17:30	60	Valedictory & Prize Distribution
		17:30	18:00	30	High Tea
		18:00	19:00	60	Official meeting of JCBUST, ISFT & SFST Office Bearers
		19:00	20:00	60	Dinner (By Invitation Only) (For ISFT Organizing Committee, Campus Ambassadors, Key Note Speakers & Foreign Delegates).
4	9-Jan	0630 hrs	Assembly at the Lobby of Park Plaza Hotel, Faridabad(https://www.sarovarhotels.com/park-plaza-faridabad/)		
		0700 hrs	Departure for Agra		
		1100 hrs	Arrival at Taj Mahal		
		1330 hrs	Lunch at Agra		
		1700 hrs	Departure from Agra to New Delhi		
		1930 hrs	Dinner at Greater Noida		
		2200 hrs	Back to Hotel		
FOR THOSE WHO ARE NOT TAKING AGRA TOUR					
		1000 hrs – 1230 hrs	Round Table on Innovations and Start-ups in Engineering, Science & Technology at JCBUST, Faridabad		
		1230 hrs – 1330 hrs	Lunch		

		1330 hrs – 1630 hrs	Visit to Labs/Industries
5	10- Jan	0830 hrs	Assembly at the Lobby of Park Plaza Hotel Faridabad(https://www.sarovarhotels.com/park-plazafaridabad/) 0900
		0900 hrs	Departure for Delhi Industrial Visit and Delhi Local Tour
		1400 hrs	Lunch
		1630 hrs	End of Delhi Tour.

INAUGURATION

Start Time	End Time	Duration (mins)	Details
09:30	09:32	00:02	Arrival of Dignitaries
09:32	09:34	00:02	Invocation
09:34	09:36	00:02	National Song
09:36	09:40	00:04	Floral Welcome
09:40	09:43	00:03	Lighting the Lamp of Knowledge & Wisdom
09:43	09:46	00:03	Welcome address by Prof. Vikram Singh, Dean Academic Affair & Conference Chair
09:46	09:56	00:10	Address by Prof. Dinesh Kumar, Vice-Chancellor, JCBUST, Faridabad
09:56	10:03	00:07	Address by Mr. K.J.Jawa, MD & CEO (Daikin Pvt. Ltd)
10:03	10:10	00:07	Address by Dr. Rakesh Sehgal, Director NIT, Srinagar
10:10	10:15	00:05	Address by C.A. Santosh Gupta, Trustee, SRCEM, Palwal
10:15	10:22	00:07	Address by Dr. M. P. Poonia, Vice-Chairman, AICTE
10:22	10:27	00:05	Address by Prof Naveen Kumar, Delhi Technological University
10:27	10:47	00:20	Address by Prof. Ved Prakash, Former UGC Chairmam

10:47	10:49	00:02	Release of Conference Proceedings and Book of Abstracts
10:49	10:54	00:05	Presentation of Mementos
10:54	10:57	00:03	Votes of Thanks by Registrar, Prof. S.K Garg, JCBUST, Faridabad
10:57	10:59	00:02	National Anthem
10:59	11:29	00:30	High Tea

Valedictory

Start Time	End Time	Duration (mins)	Details
16:30	16:32	2	Arrival of Dignitaries
16:32	16:34	2	Invocation
16:34	16:36	2	National Song
16:36	16:40	4	Floral Welcome
16:40	16:43	3	Welcome address by Registrar, Prof. S.K. Garg, JCBUST, Faridabad
16:43	16:46	3	Experience Sharing - Dr Vinod Kr Sharma, ENEA, Italy
16:46	16:49	3	Experience Sharing - Prof Wolfgang Borutzky, BRS University, Germany
16:49	16:52	3	Experience Sharing - Dr Sudip Chakraborty, University of Calabria, Italy
16:52	16:57	5	Address by Prof. Dinesh Kumar, Vice Chancellor, JCBUST, Faridabad
16:57	17:04	7	Address by Prof. Markanday Ahuja, Vice Chancellor, Gurugram University
17:04	17:17	13	Address by Prof K.K. Aggarwal, Chaiman, NBA
17:17	17:21	4	Presentation of Poster Prizes
17:21	17:26	5	Presentation of Mementos

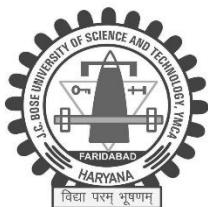
17:26	17:28	2	Vote of Thanks by Prof. Munish Vashishth, Conference Co-Chair, TEQIP coordinator, JCBUST, Faridabad
17:28	17:30	2	National Anthem
17:30	18:00	30	High Tea

ISFT 2020 Session Schedule
SPOC-Dr. Pardeep Dimri (9968433183)

S.No	Technical Session	Venue	Date/Time	Paper ID	Session chair	Session Co-chair	Session Coordinator
I	PS-1	Auditorium	11:30-1:00 07-01-2020		Sh. Raj Nehru, VC, SVSU, Palwal	Prof. Sandeep Grover, JC Bose UST, Faridabad	Dr. Neelam Duhan Dr. Sapna Taneja
II	PS-2		1:45-3:45 07-01-2020		Dr. Ranjana Aggarwal Director, CSIR-NISTADS Ranjanaaggarwal67@gmail.com	Prof. S K Aggarwal, JC Bose UST, Faridabad	
III	PS-3		11:30-1:30 08-01-2020		Prof. Tankeshwar Kumar, VC, GJUST, Hisar	Prof. P R Sharma, JC Bose UST, Faridabad	
IV	PS-4		2:15-4:15 08-01-2020		Dr. Markanday Ahuja, VC, Gurugram University, Gurugram	Prof. C K Nagpal, JC Bose UST, Faridabad	
1	TS 1	Auditorium	<u>07/01/2020</u> 16:00-17:30	1024,1034,1035,1036, 1077,1079,1109,1123, 1124,1180,1193,1200, 1206,1215=14	Dr. G.S. Kapur RUD,IOCL, Fbd kapurgs@indianoil.in 9899137444	Raj Kumar JC Bose UST, Fbd 9818312533	Dr. Sandhya Dixit Dr.OP Mishra
2	TS 2	MMC		1026,1027,1028,1059, 1064,1065,1069,1076, 1099,1100,1103,1106, 1114,1131,1141,1208 =16	Prof. Bhagwan Singh, Kurukshetra University, 7027666480 bsgeokuk@yahoo.com	Prof. Atul Mishra JC Bose UST, Fbd 9818769772	Dr. Anuradha Pillai,CE Ms.Gunjan Sardhana
3	TS 3	G-7		1010,1014,1025,1050, 1051,1052,1053,1054, 1078,1108,1117, 1121,1174,1184=14	Prof. S S Teotia, Geophysics Deptt, Kurukshetra University, Kurukshetra, 9416266580, teotia.satbir@gmail.com	Prof. Naresh Chauhan, JC Bose UST, Faridabad, 9871160135	Dr. Nobel Tomar Ms. Rachna Dhir

4	TS 4	New Board Room	08/01/2020 09:00-11:00	1013,1029,1031,1033, 1057,1058,1060,1068, 1074,1091,1118,1119, 1132,1167=14	Dr. P. Srinavas Director-Technical MV Electrosystems Pvt. Ltd. 7899301111 srinivasp@mvelectrosystems.com	Prof. Hariom JC Bose UST, Fbd 9818219940	Dr. Rajeev Saha Sh. Nitin Panwar
5	TS 5	S-9 Second Floor		1020,1040,1042,1056, 1063,1080,1082,1110, 1111,1144,1155,1160, 1162,1165,1168,1169,1194 =17	Dr. Rajesh Goyal, Professor & Dean, NICMAR Bahadurgarh rajeshgoel78@gmail.com 7015724121	Prof. M L Aggarwal JC Bose UST, Fbd 9810971654	Dr. Arun Gupta Ms. Rashmi Chawla
6	TS 6	Auditorium		1009,1083,1095,1104, 1125,1126,1156,1157, 1163,1164,1172,1179, 1094,1207=14	Dr. S.N. Naik IIT New Delhi naiksn@gmail.com 9818294067	Prof. Arvind Gupta JC Bose UST, Fbd 9953167399	Dr. Sandhya Dixit Dr.OP Mishra
7	TS 7	MMC		1136,1142,1143,1145, 1146,1147,1148,1149, 1150,1152,1171,1183, 1199,1210, 1212=15	Dr. Amit Goel Director Effectual Services Pvt. Ltd., New Delhi amit.goel@effectualservices.com 9810688705	Prof. Sudhakar Tripathi REC Ambedkar Nagar UP, p.stripathi@gmail.com 8544401883	Dr. Anuradha Pillai,CE Ms.Gunjan Sardhana
8	TS 8	New Board Room		1015,1039,1224,1085, 1087,1088,1089,1153, 1190,1073,1081,1086 =12	Dr. Mohd Suhaib Prof. (ME), JMI Delhi suhaib_me@yahoo.com 9868853897,9654017631	Prof. Tilak Raj JC Bose UST, Fbd 9818562391	Dr. Rajeev SahaSh. Nitin Panwar
9	TS 9	G-7		1037,1041,1049,1067, 1071,1084,1092,1096, 1101,1105,1122,1134, 1055,1214,1219=15	Prof. Manoj Duhan DCRUST, Murthal duhan_manoj@rediffmail.com 9355628366	Prof. Rajesh Ahuja JC Bose UST, Fbd 9990477433	Ms. Rachna ,EL Dr. Nobel Tomar

10	TS 10	F-6 First Floor		1016,1021,1115,1116,1128,1140,1185,1187,1201,1202,1203,1204,1205,1209,1211=15	Dr.Sarita Garg GM, IOCL, R&D saritagarg@indianoil.in 9654936867	Prof. Ashutosh Nigam JC Bose UST, Fbd 9996015869	Dr.Rupali Madan Dr. Manisha Garg
11	TS 11	S-9 Second Floor		1213,1214,1215,1216,1217,1218,1220,1221,1222,1223,1224,1225,1226=14	Dr. S.K. Dhurandhar NSIT, Delhi dhurander@gmail.com 9868554349,9205475011	Prof. Komal Bhatia JC Bose UST, Fbd 9953637670	Dr. Rashmi Chawla Dr.Mamta Kathuria
					Judges		
12	Poster Session-I	Shakuntlam	07/01/2020 1600-1730	103,104,105,106,107,127,131,132,133,134,135,136,137,138,142,143,145,146,147,148,149,150,151,154,177 = 25	<ol style="list-style-type: none"> 1. Prof. Mukesh Kumar, Kurukshetra University, 9466650634, kumarmukesh@gmail.com 2. Prof. Vikas Turk, JCBUST, FBD 3. Prof. Lakhwinder Singh, JCBUST, FBD 		Dr. Bindu Mangla Dr. Shefali Trivedi
13	Poster Session-II	Shakuntlam	08/01/20200900-1100	101,108,109,110,111,115,116,117,118,119,120,121,122,123,124,126,128,129,130,139,140,141,152,153,155,156,157,1066=28	<ol style="list-style-type: none"> 1. Dr.Akhilesh Mishra REC Ambedkar Nagar, UPdirector@recabn.ac.in83291960182. Prof. Poonam Singhal, 9654022564,JCBUST, FBD3. Prof. Ashutosh Dixit, 9650443114, 9873356911,JCBUST, FBD 		Dr. Bindu Mangla Dr. Shefali Trivedi



ISFT 2020

Schedule



**8th International Conference on Fusion of Science and Technology
January 6-10, 2020, Faridabad (NCR), India**

Day 1, Monday, January 6, 2020

1800hrs– 1900 hrs	Registration
1930 hrs– 2130 hrs	Welcome Dinner for Keynote Speakers and Foreign Delegates

Day 2, Tuesday, January 7, 2020

0800 hrs – 0930hrs	Registration
0930 hrs – 1100 hrs	Inaugural Ceremony
1100 hrs – 1130hrs	High Tea

1130 hrs- 1300 hrs	Plenary Session I
VENUE : Auditorium	
Session Chair:	Sh. Raj Nehru, VC, SVSU, Palwal
Session Co-Chair:	Prof. Sandeep Grover, JCBUST, Fbd
Session Co-ordinators:	Dr. Neelam Duhan (9818462006) , Dr. Sapna Taneja

S. No.	Speaker	Title
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1	Prof. Autar Kaw University of South Florida, Tampa, FL 33620, USA	A Framework for Including Multiple Pedagogies for STEM Education
2	Prof. Olivier Francais ESIEE Paris, ESYCOM Laboratory Noisy Le Grand, France	Use of Microdevices combined with Electric Field to sense, analyze and monitor biological materials
3	Prof. GhasemNajafpour BabolNoshirvaniUniversity of Technology, Babol,Iran	Fabrication of pervaporative composite PDMS and ethanol selective membrane for MBR bioreactor in bioethanol separation
4	Prof. H.C. Lim Pusan National University, Busan South Korea	Turbulent Boundary Layer Development and Interaction with a Body

1300 hrs – 1345 hrs

Lunch

1345 hrs- 1545 hrs

Plenary Session II

VENUE: Auditorium

Session Chair: Dr. Ranjana Aggarwal, Director, CSIR-NISTADS

Session Co-Chair: Prof. S K Aggarwal, JCBUST, Fbd

Session Co-ordinators: Dr. Neelam Duhan (9818462006), Dr. Sapna Taneja (9818954233)

S. No.	Speaker	Title
1	Prof. Rajiv Dubey, University of South Florida, USA &Mr. Stephen Sundarrao, Associate Director, CARRT, University of South Florida, USA	Integrating Research, Education and Services for Rehabilitation Technology
2	Dr.VincenzaCalabrò University of Calabria, Rende Italy	Biobased fuel for Green environment
3	Prof. Sreekanth B Jonnalagadda, University of KwaZulu-Natal, South Africa	Green Approaches with Mixed Oxides and Nanocomposites as Recyclable Catalysts for Water Treatment and Organic Conversions
4	Prof. Hideaki Ohgaki, Kyoto University, Kyoto, Japan	Our Findings in Impact of Rural Electrification in ASEAN

1545 hrs – 1600 hrs

Tea

1600 hrs– 1730 hrs**Technical Sessions I -V/Poster Session I****TECHNICAL SESSION - I****ADVANCES IN ENERGY & THERMAL SYSTEMS****VENUE: Auditorium**

Session Chair: Dr. G.S. Kapur, IOCL, Fbd
Session Co-Chair: Prof. Raj Kumar, JCBUST, Fbd
Session Co-ordinators: Dr. Sandhya Dixit (9899804575), Dr. O.P. Mishra (9818602901)

S.NO.	Paper ID	Presenting Author	Title
1.	ISFT/2020/R1024	K R Yellu Kumar	Effusion Cooling In Gas Turbine Combustion Chambers - A Comprehensive Review
2.	ISFT/2020/R1034	PremShanker Yadav	Effect Of Higher Injection Pressure On Biodiesel For Spray Formation
3.	ISFT/2020/R1035	Mukul Tomar	Impact Of Doping Alumina Nanoparticles On Spray Characteristics Of Diesel-Biodiesel Fuel Blends
4.	ISFT/2020/R1036	Ankit Sonthalia	Performance And Emission Characteristics Of A Single Cylinder Diesel Engine Fuelled With Hydrotreated Waste Cooking Oil
5.	ISFT/2020/R1077	Hansham Dewal	A Review On Comparative Study Of CNG And Biodiesel Blended Fuels In Compression Ignition Engines
6.	ISFT/2020/R1079	Dushyant Mishra	A Comprehensive Review On Performance Combustion And Emission Characteristics Of Diesel/Biodiesel/Alcohols And Their Blends
7.	ISFT/2020/R1109	Abhishek Verma	Thermodynamic Analysis Of A Combined Single Effect Vapour Absorption System And tc-CO2 Compression System
8.	ISFT/2020/R1123	Raghvendra Gautam	Performance And Combustion Analysis Of Diesel And Tallow Biodiesel In CI Engine
9.	ISFT/2020/R1124	Aman Pundhir	A Review On Performance Of Biodiesel Fuelled Diesel Engine
10.	ISFT/2020/R1180	KhushbuYadav	A Review On Cold Flow Properties Of Biodiesel Along With Their Improvement

11.	ISFT/2020/R1193	Chandra Shekhar Singh	Thermal Cracking Of Karanja De-Oiled Seed Cake On Pyrolysis Reactor For Producing Bio-Oil With Focus On Its Application In Diesel Engine
12.	ISFT/2020/R1200	H. S. Pali	Improvement In Cold Flow Property Of Sal Biodiesel
13.	ISFT/2020/R1206	Sanjeev Kumar Lambha	Effect of elastic deformation on partial arc bearing with couple stress lubrication
14.	ISFT/2020/R1215	Gaurav Kansal	A mathematical model for controlling surface roughness of machined part

TECHNICAL SESSION - II

Computer Science & Engineering -I

VENUE: MMC

Session Chair: Prof. Bhagwan Singh, Kurukshetra University.

Session Co-Chair: Prof. Atul Mishra, JCBUST, FBD

Session Co-ordinators: Dr. Anuradha Pilai (9810646641), Ms. Gunjan Sardana (9999509869)

S.No.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1026	Nandini Sharma	A Review Paper of Application Specific Internet of Things
2.	ISFT/2020/R1027	VipulGarg	Review Of Data Visualization
3.	ISFT/2020/R1028	YashicaPandey	Insights Into Data Visualization
4.	ISFT/2020/R1059	PranavShrivastava	WiFi Data Leakage Detection
5.	ISFT/2020/R1064	PrachiDahiya	Collaborative Filtering Algorithms: A Comprehensive Survey
6.	ISFT/2020/R1065	SimmiChawla	A Survey On Interoperability In Internet Of Things

7.	ISFT/2020/R1069	Priya	Hadoop Distributed File System (HDFS)
8.	ISFT/2020/R1076	Pritam	An Anatomy Of Route Prediction Algorithms In Transportation Network
9.	ISFT/2020/R1099	PuneetGarg	Smart Number Cruncher - A Voice Based Calculator
10.	ISFT/2020/R1100	PuneetGarg	TVCCCS: Television Viewer's Channel Cost Calculation System On Per Second Usage
11.	ISFT/2020/R1103	ShivaniGogia	A Review On Black Hole Attack Detection In Manet
12.	ISFT/2020/R1106	Sonali Gupta	Detection Of Fraudulent Claims In Healthcare Using Machine Learning
13.	ISFT/2020/R1114	Lalit Kumar	Web Service Mocking Using Soap UI
14.	ISFT/2020/R1131	ShanuVerma	Moving Towards AI Powered Agile For Data Analytics In Health Care Systems
15.	ISFT/2020/R1141	Laxmi	A Review on Sinkhole Attack Detection in Manet
16.	ISFT/2020/R1208	Priya Pawar	A Survey of Hashing Techniques for Preserving message integrity

TECHNICAL SESSION - III

Science & Technology

VENUE: G-7

Session Chair: Prof. S.S. Teotia, Kurukshetra University.

Session Co-Chair: Prof. Naresh Chauhan, JCBUST, FBD

Session Co-ordinators: Dr. Nobel Tomar (8800580806), Ms. RachnaDhir (8585972708)

S.NO	Paper ID	Presenting Author	Paper Title
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1.	ISFT/2020/R1010	Ezeanyanaso Chika Scholastica	Crystalizing The Synergy In Chemical Science Between Women In Academia And Industry
2.	ISFT/2020/R1014	OkunolaOluwole Joshua	Expository Mobility Potentials Of Cd And Pb In Roadside Soils Using Chemical Fractionation Method
3.	ISFT/2020/R1025	OhnOhnSoe	Comparative Study On The Degradation Of Model Dye Solutions By Using Graphene Oxide From Local Graphite
4.	ISFT/2020/R1050	SubhadeepaDey	Synthesis And Characterization Of Hydrophilic Mixed Matrix Polymeric Membrane
5.	ISFT/2020/R1051	HarshvardhanTanksale	An Insight Into Membrane Synthesis For Dye Separation
6.	ISFT/2020/R1052	Jaya Sikder	Removal Of Reactive Red 120 From Model Textile Waste Solution By Micellar-Enhanced Ultrafiltration
7.	ISFT/2020/R1053	PoonamSinghal	A Case Study On Internal Electrification, Telephone System, LAN Networking And CCTV Surveillance System Of Energy Efficient Green Building
8.	ISFT/2020/R1054	Joyeeta Bose	Preparation And Characterization Of Polyvinylidene Fluoride Membrane Incorporated With Amine Functionalized Silicon Carbide Nanoparticle
9.	ISFT/2020/R1078	RupaliSinha	A Review: Electric Vehicles Charging System
10.	ISFT/2020/R1108	RashmiChawla	Controlling Over Enhancement Of Images Using Histogram Equalization Technique
11.	ISFT/2020/R1117	Amir Mansoori	Printing Of MEMS Sensors On Low Cost Substrates For IoT Applications
12.	ISFT/2020/R1121	Neelam Rani	Propagation Of Nonlinear Ion Acoustic Solitons In Magnetized Dense Plasma With Quantum Effects Of Degenerate Electrons
13.	ISFT/2020/R1174	Pragalbha Kant	Self Excited Induction Generator: An Insight
14.	ISFT/2020/R1184	HeenaChauhan	Development Of Iron Oxide Activated Nanoparticles In Removal Of Heavy Metals And Dyes From Wastewater

TECHNICAL SESSION - IV

Mechanical Engineering - Design and Analysis

VENUE: New Board Room

Session Chair: Dr. P. Srinivas, Director-Technical MV Electrosystems Pvt. Ltd.
Session Co-Chair: Prof. Hariom, JCBUST, FBD
Session Co-ordinators: Dr. Rajeev Saha (9911921584), Sh. Nitin Panwar (9911267977)

S.NO.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1013	SandipPrakashPatil	The Effect Of Thermostatic Test Environment On The Flexural Fatigue Performance Of Hydraulic Hose Assemblies
2.	ISFT/2020/R1029	Vipul Jain	Design Optimization And Analysis Of Car Bumper With The Implementation Of Hybrid Biocomposite Material
3.	ISFT/2020/R1031	Mohammad Zunaid	Mathematical Analysis Of Wind Turbine Blade At Various Angle Of Attack And Reynolds Number
4.	ISFT/2020/R1033	Prashant Chandra Pujari	Remodeling 4-Stroke S.I. Engine To A Compressed Air Engine For A Light Utility Vehicle
5.	ISFT/2020/R1057	SatvikKhuntia	Design, Development And Analysis Of A Magnetorheological Damper
6.	ISFT/2020/R1058	Noor Zaman Khan	Prioritizing the input parameters of a cleaner fabrication process using fuzzy topsis
7.	ISFT/2020/R1060	Akanksha Mishra	Comparative Deflection Analysis Of Conical Compression Spring With Standard Constant Rate Helical Spring
8.	ISFT/2020/R1068	Devanshu Jain	Investigation Of Wear In A 3D Printed Shaft - Bearing Mechanism Using Different Lubricants
9.	ISFT/2020/R1074	DevendraVashist	Design Analysis Of Two Wheeler Silencer For Improved Noise And Emission Reduction
10.	ISFT/2020/R1091	Sudhir Kumar	Study of process parameter and microstructure of freeze casting technology: a review
11.	ISFT/2020/R1118	Ashu Yadav	A study on recycling process and utilization of paper waste: A review
12.	ISFT/2020/R1119	PrashantRathi	Mechanical And Thermal Analysis Of 4-Stroke Diesel Engine Piston Using Ansys

13.	ISFT/2020/R1132	Pradeep Jain	Design And Development Of Multi Filament Feed Mechanism For Fused Filament Fabrication Based Desktop 3D Printer
14.	ISFT/2020/R1167	Rajender Kumar Tayal	Analysis Of Bi-Metallic Joints Produced By Compound Casting Process

TECHNICAL SESSION - V

Civil/Environmental Engineering

VENUE: S-9 Second Floor

**Session Chair: Dr. Rajesh Goyal, Professor & Dean, NICMAR
Bahadurgarh**

Session Co-Chair: Prof. M.L. Aggarwal, JCBUST, FBD

Session Co-ordinators: Dr. Arun Gupta (9889925403), Ms. Rashmi Chawla (9810368881)

S.No.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1020	Shilpa Pal	Shear Resistance Of Hybrid Steel And Basalt Fiber Reinforced Concrete
2.	ISFT/2020/R1040	Mohd. Ahmed	Fuzzy TOPSIS Approach Based Decision Support Model To Select Preferential Concrete Mix Design Methods For Extreme Environment
3.	ISFT/2020/R1042	HaritPriyadarshi	Water Quality Assessment Using Physico-Chemical Parameters Of Groundwater In Beswan And Iglas Town , Aligarh District, Uttar Pradesh, India
4.	ISFT/2020/R1056	Sandeep	Finite Element Analysis Of Plain Concrete Subjected To Uniaxial And Biaxial Monotonic Loading
5.	ISFT/2020/R1063	Mamata R. Singh	Integrating DRR Concerns Into Environmental Assessment Framework For Sustainable Development
6.	ISFT/2020/R1080	Sandeep karmakar	Evaluation For Structural Integrity Of Waste Plastic Cup Modified Bituminous Mix By Micro chemical Analysis
7.	ISFT/2020/R1082	Ralf RuffelAbarca	Adsorptive Application Of Olive-Based Activated Carbon On Methylene Blue
8.	ISFT/2020/R1110	Satyam Kumar	Green Building Materials And Its Benefits

9.	ISFT/2020/R1111	JavedMallick	Inter-Seasonal Variations Of Surface Temperature And Vegetation Cover Using Thermal Remote Sensing Data
10.	ISFT/2020/R1144	MohdAbulHasan	Hazardous Wastes And Its Impact On Human Health
11.	ISFT/2020/R1155	Ashish Shukla	Review: FRP an Efficient Alternative to Steel Guyed Towers
12.	ISFT/2020/R1160	A Gupta	Utilization of recycled aggregate, plastic, glass waste and coconut shells in concrete -A review
13.	ISFT/2020/R1162	Ashish Shukla	Natural Pozzolans a Comparative Study: A Review
14.	ISFT/2020/R1165	Isha Verma	Analysis on the Behaviour of stiffened and unstiffened steel Plate shear iwalls with enhanced performance
15.	ISFT/2020/R1168	Ashish Shukla	Study on the Behaviour of Green Concrete by the use of Industrial waste Material: A Review
16	ISFT/2020/R1169	Nakul Gupta	A Review on the selection of the variant Water in Concreting
17.	ISFT/2020/R1194	ShahidUl Islam	Comparative Study On Seismic Behaviour Of Different Types Of Reinforced Cement Concrete - Bracing System In High Rise Reinforced Concrete Structures

POSTER SESSION - I

VENUE: Shakuntlam

Judges: Prof. Naresh Kumar, Kurukshetra University

Prof. Vikas Turk, JCBUST FBD

Prof. Lakhwinder Singh, JCBUST FBD

Session Co-ordinator: Dr. Bindu Mangla (9868377463), Dr. Shefali Trivedi (9953907492)

S. No.	Poster ID	Author Name	Title
1.	ISFT/2020/P/103	Shashank Singh Beniwal	Analysis Of Motor Controlled 3-R Material Handling System

2.	ISFT/2020/P/104	AmanBhardwaj	Highly Efficient And Eco-Friendly Nanostructured Thermoelectric Materials For Sustainable Energy Harvesting Applications
3.	ISFT/2020/P/105	Satyam Kumar	Green Building Materials And Its Benefits
4.	ISFT/2020/P/106	RoopLalRana	Performance Analysis And Measurements Of Diesel Engine, With Constant Compression Ratio, Using Dual Fuel Namely Diesel And Diesel Blends With Soya Bean Oil
5.	ISFT/2020/P/107	KunalGautam	Tribological Analysis Of A Cricket Ball With Respect To A Cricket Pitch And Bat
6.	ISFT/2020/P/127	Afsana	Top-Down Production Of Two Dimensional ZnNanosheets For Printed Electronic Devices
7.	ISFT/2020/P/131	FantayeAyele	Constructing A Predictive Model For Detection Of Breast Cancer
8.	ISFT/2020/P/132	FrehiwotGebrekrstosGirmay	Towards Artificial Intelligence For Enhancing Quality Of Education
9.	ISFT/2020/P/133	FrehiwotGebrekrstosGirmay	Artificial Intelligence For Ethiopia: Opportunities And Challenges
10.	ISFT/2020/P/134	Savneet Singh	Tribological Study Of Wedge Pin Using Bio Lubricant
11.	ISFT/2020/P/135	Virendra Kumar Mourya	Rare Earth Metal And Transition Metal Doped Cerium Oxide- Based Materials In Cosmetic Applications
12.	ISFT/2020/P/136	Sougue Serge	Detection Of The Bes, Veb And Toho-Types Extended-Spectrum B-Lactamase (Esbl) Produced By Enterobacteria At Saint Camille Hospital Of Ouagadougou (Burkina Faso)
13.	ISFT/2020/P/137	ShubhamJha	Experimental Study Of TribologicalBehavior Of Bio-Lubricants And Conventional Lubricants
14.	ISFT/2020/P/138	A K Sharma	Behaviour Of Electron - Ion - Neutral Temperatures And Their Ratio Comparisons Over Low Latitude F2 Region Ionosphere
15.	ISFT/2020/P/142	Jyotiraditya Kumar	Investigation Of Application To Admixture And Control Of Machines For Rcc Quality
16.	ISFT/2020/P/143	Vidhatri	Tribological Study At The Tribopair Of Plain Surface With Exponential And Polynomial Face Profiles
17.	ISFT/2020/P/145	Ompal Singh	Determination Of Crystal Structure Of Ba Doped Bifeo3 MagnetoelectricMultiferroic Ceramics
18.	ISFT/2020/P/146	Kaushal Kumar	High Performance Sio2 Nanoparticles Embedded Epoxy Nanocomposite
19.	ISFT/2020/P/147	Arun Kumar	Critical Size For Coherent To Semicoherent Transition Of Precipitates In Pre-Stressed Matrices Using Finite Element Simulations

20.	ISFT/2020/P/148	Shweta	Comparison Of Various Solar Cell Materials Available For Renewable Energy Sources - A Review
21.	ISFT/2020/P/149	Nobel Tomar	Structural Study Of Silver Delafossites After Deintercalation
22.	ISFT/2020/P/150	Vishwas Khurana	3-Cinnamoyl-4-Hydroxy-6-Methyl-2h-Pyran-2-Ones: Precursors Of Synthetically And Biologically Important Compounds
23.	ISFT/2020/P/151	ShilpaBehl	Extraction And Identification Of Clove Oil By Clevenger Apparatus And Evaluated By Tlc And Dsc
24.	ISFT/2020/P/154	Nandini Sharma	A Review Paper Of Application Specific Internet Of Things (Asiots)
25.	ISFT/2020/P/177	Gye-Choon Park	A Comparative Study On Vrla And Li-Ion Battery For Use In Frequency Modulation (Fm) Station

1900 hrs- 2000 hrs	Cultural Program
2000 hrs - 2130 hrs	Conference Dinner

The venue for the cultural program and conference dinner is Samar Grand, Sector - 10 & 11 dividing road, Faridabad. The transportation would be provided to interested delegates from and back to JCBUST, Faridabad.

Day 3, Wednesday, January 8, 2020

0900 hrs - 1100 hrs	Technical Session VI-X/Poster Session II
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TECHNICAL SESSION - VI

Material Science

VENUE: Auditorium

Session Chair: Dr. S.N. Naik, IIT New Delhi
Session Co-Chair: Prof. Arvind Gupta, JCBUST, FBD
Session Co-ordinators: Dr. Sandhya Dixit(9818462006), Dr. O.P. Mishra(9818602901)

S.No.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1009	RachitChhabra	Effect Of Ply Orientation Angle On Residual Stress In Carbon-Fibre Laminates
2.	ISFT/2020/R1083	Bhoop Singh	Simulation And Investigations On Semiconductor Materials And Devices With Surround Gate Geometry For High Performance And Low Power Nano Scale Applications
3.	ISFT/2020/R1094	Dr. Surinder Kumar	Prioritization of Variables affecting the effectiveness of material handling System
4.	ISFT/2020/R1095	Aparchit Sharma	A Collective Study Of Effect Of Fiber Length On The Mechanical Properties Of Biocomposites
5.	ISFT/2020/R1104	Nipun Gupta	Processing Of Bio-Composites : A Challenge
6.	ISFT/2020/R1125	VedPrakashKushwaha	Characterisation Of Floor Tiles Reinforced Aluminium Surface Composite Synthesized By Friction Stir Processing
7.	ISFT/2020/R1126	NeerajVerma	A Review On Tribological Thermal And Other Properties Of Commonly Used Additives
8.	ISFT/2020/R1156	Mohammad Mohsin Khan	Evaluation Of Sliding Wear Behaviour Of As Cast Aluminum Alloy Reinforced With SiC Particles
9.	ISFT/2020/R1157	Mohammad Mohsin Khan	Optimization Of Dry Sliding Wear Test Parameters Of Aluminum Based Composites
10.	ISFT/2020/R1163	VenkatrajuJella	A Single-Structured Multimode Energy Harvester Based On Organic-Inorganic Hybrid Perovskite Films
11.	ISFT/2020/R1164	Swathi Ippili	Long-term stable lead-free organo-tin halide perovskite towards mechanical energy harvesting and sensing applications.
12.	ISFT/2020/R1172	MayankSaxena	Fabrication And Characterization Of Hybrid Aluminiumflyash-Graphite Composite
13.	ISFT/2020/R1179	Ritesh Sharma	Investigation Of Laser Sintered AlSi10Mg Specimens For Density And Surface Roughness
14.	ISFT/2020/R1207	Surjit Angra	Effect of argon flow rate on the weld bead characteristics of TIG coating

TECHNICAL SESSION - VII**Computer Science & Engineering-II****VENUE: MMC****Session Chair: Dr. Amit Goel, Director Effectual Services Pvt. Ltd., New Delhi****Session Co-Chair: Prof. Sudhakar Tripathi, REC Ambedkar Nagar UP****Session Co-ordinators: Dr. Anuradha Pilai (9810646641), Ms. Gunjan Sardana (9999509869)**

S.NO.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1136	Monika Yadav	Workflow Scheduling In Cloud Computing: Challenges & Opportunities
2.	ISFT/2020/R1142	Shikha Gupta	A Novel Approach For Improving Real Time Bidding Strategy
3.	ISFT/2020/R1143	Meenakshi	Performance Analysis Of Techniques For Prediction Of Diabetes Using Data Mining
4.	ISFT/2020/R1145	Shweta	Predicting Chronic Kidney Disease Using Machine Learning
5.	ISFT/2020/R1146	KiranKumari	Fraud Detection For Credit Card Transaction Using Machine Learning Techniques
6.	ISFT/2020/R1147	Rubi	A Review On Worm Hole Attack Detection In Manet
7.	ISFT/2020/R1148	Dimple Chehal	A New Approach To Identify Similar Users Based On Customer Reviews
8.	ISFT/2020/R1149	SapnaBhardwaj	BlockchainMechanisms For IoT Privacy
9.	ISFT/2020/R1150	Ajay	BlockchainMechanisms For IoT Security
10.	ISFT/2020/R1152	Sapna Singh	Prediction Of Lifestyle Related Diseases Using Machine Learning
11.	ISFT/2020/R1171	Shalu	A Comprehensive Study Of Faceted Search Algorithms
12.	ISFT/2020/R1183	PriyankaDinodia	A Survey On Various Recommender System Techniques
13.	ISFT/2020/R1199	Ranjeet Ku Rout	Analysis Of Human Olfactory Receptor System Using Fractal Dimension

14.	ISFT/2020/R1210	Monika Gaur	Analysis of Homogeneous and Heterogeneous Protocols in WSN
15.	ISFT/2020/R1212	Jolly Khurana	A Review on Big Data over Cloud Environment

TECHNICAL SESSION - VIII

Production & Industrial Engineering

VENUE: New Board Room

Session Chair: Dr. Mohd Suhaib Prof. (ME), JMI Delhi

Session Co-Chair: Prof. Tilak Raj JCBUST, Fbd

Session Co-ordinators: Dr. Rajeev Saha (9911921584), Sh. Nitin Panwar (9911267977)

S.No.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1015	AnupamAlok	Synthesis And Characterization Of Sintered Magnetic Abrasive Particles Having Alumina And Carbonyl Iron Powder
2.	ISFT/2020/R1039	Bharat Singh Yadav	Experimental Investigations For Erosive Wear Of Mild Steel Pipe Bends At Different Positions In Pneumatic Conveying System (PCS)
3.	ISFT/2020/R1073	Vaibhav Gangwar	Effect of process parameters on Hardness of aa-6063 in-situ microwave casting by using Taguchi method
4.	ISFT/2020/R1081	Girender Bhati	Optimization of process parameters of a-359 aluminium alloy in eps-assisted-investment casting process using Taguchi Method
5.	ISFT/2020/R1085	Praveen Kumar Dwivedi	Study Of Industry 4.0 Tools For Mass Customization In Manufacturing Sector
6.	ISFT/2020/R1086	Manoj Bhatt	A study on microstructure and mechanical properties of friction stir welding (FSW): A review
7.	ISFT/2020/R1087	Rajesh Kashyap	Synthesis And Characterization Of The Zinc Ferrite Nanoparticles By Auto Combustion Method
8.	ISFT/2020/R1088	Manas	Surface Texturing By Electrochemical Micromachining: A Review

9.	ISFT/2020/R1089	Manas	Magneto Rheological method applied to optics polishing: A Review
10.	ISFT/2020/R1153	Ankur Dixit	Sustainability : An Essential Concept For Current And Upcoming Technological Practices
11.	ISFT/2020/R1190	Dae-Un Kim	A Study On The Change Of Displacement According To The Drainage Pump Outlet Shape And Size Of Combat Equipment
12.	ISFT/2020/R1224	Sunil Kumar	Additive Manufacturing Technology

TECHNICAL SESSION - IX

Electrical/Electronics Engineering

VENUE: G-7

Session Chair: Prof. Manoj Duhan DCRUST, Murthal

Session Co-Chair: Prof. Rajesh Ahuja, JCBUST, Fbd

Session Co-ordinators: Dr. Nobel Tomar (8800580806), Ms. Rachna Dhir (8585972708)

S.NO.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R1037	RishabhRana	Neural Network In MATLAB
2.	ISFT/2020/R1041	SaiKishanKranthi Kumar	Attendance Monitoring Using Amazon Web Service (A.W.S)
3.	ISFT/2020/R1049	Ravi Mali	A Design Of Twin Elliptical Microstrip Patch Antenna (TEMPA) For 5G Mobile Communication Using T Junction Power Divider
4.	ISFT/2020/R1055	Shakuntla Boora	Matlab Simulation Based Study of Various Types of Faults Occurring in the Transmission Lines
5.	ISFT/2020/R1067	Prashant Kumar	A Simulation Perspective For Novel Characteristics Of DH- DD-TM-SG MOSFETs
6.	ISFT/2020/R1071	Gaurav	Technical Aspects Of Grid Connected PV Array
7.	ISFT/2020/R1084	Ravi Kumar	Thin Film Deposition Of Functionalized Graphene Oxide For Sensor Applications

8.	ISFT/2020/R1092	Anita Rani	Measurement Of L X-Ray Relative Intensities Of 53I At 7keV Synchrotron Radiations
9.	ISFT/2020/R1096	Anil Kumar	Numerical Modelling Of The Potential Inside The Cylindrical Shaped Nano Crystallite Metal Oxide Semiconductors And Its Effect On Gas Sensor Response
10.	ISFT/2020/R1101	Rakesh Singh	Reduction In Switching Voltage Of Go Based RRAM For Non- Volatile Memory Applications
11.	ISFT/2020/R1105	Reeta Devi	Continuous Wavelet Transform For Identification Of SCD Patients
12.	ISFT/2020/R1122	FarhadLlahiBakhsh	Design And Analysis Of Cascaded H Bridge Nine-Level Inverter In Typhoon Hil
13.	ISFT/2020/R1134	Sanjay	Gate Leakage Current Control With High-K Dielectric Material And With High Workfunction In MOS Devices For Low Standby Power Consumption
14.	ISFT/2020/R1214	Kavita	Design of High quality Dielectric Resonance Band Pass filter by using defected ground structure and Micro-strip line
15.	ISFT/2020/R1219	Varun Dutt	Plasma Antenna: An Overview

TECHNICAL SESSION -X

New Frontiers in Engineering , Science & Technology

VENUE: F-6 First Floor

Session Chair: Dr. Sarita Garg, GM, IOCL, R&D

Session Co-Chair: Prof. Ashutosh Nigam, JCBUST, Fbd

Session Co-ordinators: Dr. Rupali Madan (9810968857), Dr. Manisha Garg (9958483470)

S.NO.	Paper ID	Presenting Author	Paper Title
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1.	ISFT/2020/R1016	Vikrant Jaltare	Effect Of Expressive Writing On Math Anxiety Of Engineering Students
2.	ISFT/2020/R1021	BenchapornSawangsri	Learning Management Towards STEM Education Integrated With Project-Based Learning
3.	ISFT/2020/R1115	Lalit Kumar	Production Process Smoothing And Elimination Of Bottleneck
4.	ISFT/2020/R1116	Lalit Kumar	Customer Relationship Management Implementation In Industries
5.	ISFT/2020/R1128	VipulSaxena	Structural And Magnetic Analysis Of Electro-Magnetic Suspension Spring
6.	ISFT/2020/R1140	AshimaVerma	A Study Of Green Bond Market In India: A Critical Review
7.	ISFT/2020/R1185	Ezeanyanaso Chika Scholastica	Automation Of Statistical Reports Of Mycotoxins Of Agricultural Products In Sub-Saharan Africa
8.	ISFT/2020/R1187	SuneelWattal	Maturity Model For IT Managed Services
9.	ISFT/2020/R1201	GuruprasadGadgil	PLHA Knowledge Sharing Facebook Model
10.	ISFT/2020/R1202	Parvesh Kumar	Effect Of Using Opome And Its Blend As Pilot Fuel With LPG On The Performance Of Dual Fuel Engine
11.	ISFT/2020/R1203	SumeetaGarg	Job Satisfaction Of Employee In ICICI & PNB Bank: A Case Study
12.	ISFT/2020/R1204	Suha K. Shihab	Prediction Of Machined Surface Temperature Of Inconel 718 Based On 3D-FE Simulation Using ALE Method
13	ISFT/2020/R1227	Ram Karan Singh	Energy Reclamation from Municipal Solid Waste (MSW) through Clean Development Mechanism of Delhi Landfill Site in India
14	ISFT/2020/R/1209	Dr. Bharti Kukreja	An Introspection on English Language Acquisition as a Tool for Acquiring Technical and Non-technical Competencies for the Engineering Students of India
15	ISFT/2020/R/1211	Amrita Ticku	Back propagation algorithm and its application in Mat lab
16	ISFT/2020/R/1205	Ibrahim I Falqi	Project Review Based Conceptual Model for Knowledge Capture and Retrieval in Construction Projects

TECHNICAL SESSION -XI**New Frontiers in Engineering , Science & Technology****VENUE: S-9Second Floor****Session Chair: Dr. S.K. Dhurandhar, NSIT, Delhi****Session Co-Chair: Prof. Komal Bhatia, JCBUST, Fbd****Session Co-ordinators: Dr. Rashmi Chawla (9810368881), Dr.Mamta Kathuria (7015106142)**

S.NO.	Paper ID	Presenting Author	Paper Title
1.	ISFT/2020/R/1213	Neha Chandela, Shefali Raina	Data Computing using Hadoop and Map Reduce
2.	ISFT/2020/R/1216	Deepak Garg	Impact of Sharpe Ratio & Treynor's Ratio on Selected Mutual Fund Schemes
3.	ISFT/2020/R/1217	Rashmi Chauhan	India eCommerce - Impact on Small and Micro Businesses
4.	ISFT/2020/R/1218	Jitender Singh Rajput, Jitender Singh	A Study on the conceptual model of Corporate Social Responsibility
5.	ISFT/2020/R/1220	Bhawna Wadhwa, Pawan Bhadana, Shilpi Gupta	Machine Learning Techniques for Estimation in Agile: A Review
6.	ISFT/2020/R/1221	Kamana, Samir Kumar Upadhyay	Study of relationship between talent management and employee performance of Faridabad
7.	ISFT/2020/R/1222	Anjali Mehta, Surbhi Kukreja	Role of Text Mining in Data Mining
8.	ISFT/2020/R/1223	Sangeeta Rani	Hand Gesture Recognition for Home Automation
9.	ISFT/2020/R/1225	Gaurav Kansal, Brijesh Kumar Chaurasiya	Identification of key barriers affecting the design and Implementation of lean manufacturing system by ISM approach
10.	ISFT/2020/R/1226	Renuka Gupta and Pushpinder Kaur	Heavy Metal Contamination in Agricultural Crop and Health Risk Assessment

POSTER SESSION – II**VENUE: Shakuntlam****Judges: Dr.Akhilesh Mishra, REC Ambedkar Nagar ,UP****Prof. Poonam Singhal, JCBUST, FBD****Prof. Ashutosh Dixit, JCBUST, FBD****Session Co-ordinator: Dr. Bindu Mangla (9868377463), Dr. Shefali Trivedi (9953907492)**

S. No.	Poster ID	Author Name	Title
1.	ISFT/2020/P/101	Prashant Chandra Pujari	Development Of Six Stroke Internal Combustion Engine: A Review
2.	ISFT/2020/P/108	Gautam Thakur	Thermal Analysis Of Different Materials Used In Disc Brakes
3.	ISFT/2020/P/109	Amit Jain	A Comparative Study Of Performance And Emission Characteristics Of A Diesel Engine Using Ternary Blends Containing Tire Pyrolysis Oil
4.	ISFT/2020/P/110	Devang S. Nath	Application Of Rear Diffusers To Increase Downforce Of A Race Car
5.	ISFT/2020/P/111	Manish Kumar	Static Structural Anlysis Of Trellis Swingarm Of Motorcycle Having Different Materials.
6.	ISFT/2020/P/115	Manivek	Analysis Of Drag And Lift Parameters Of NacaAirfoil With Different Positions Of Dimples
7.	ISFT/2020/P/116	Yashaswi Raj	Study Of Various Photosensitizer On Photoelectrode In Increasing The Efficiency Of Hydrogen Production By Photoelectrochemical(Pec) Method.
8.	ISFT/2020/P/117	Abhyuday Singh Latwal	Swirl In Ci Engine And Effect Of Helical Intake Port On Various Parameters
9.	ISFT/2020/P/118	SheelBhadra	Performance Analysis Of Blends Of Lemon Seeds Oil With Diesel In Ci Engines
10.	ISFT/2020/P/119	Pratham Singh	A Review Of Magnetorheological Fluid Damper Technology And Its Applications
11.	ISFT/2020/P/120	AnkitSaurabh	Cng As A Clean Fuel For 2 Wheeler Vehicles
12.	ISFT/2020/P/121	Shreyans Jain	Portable Solar Panel Combination For Electric Vehicles
13.	ISFT/2020/P/122	Aniket Gupta	Thermoelectric Generator As Energy Source In Furnaces
14.	ISFT/2020/P/123	MukeshYadav	Optimization Of Rear Wing Performance Of High-Speed Cars By Using A Passive-Variable Wing Design: A Review

15.	ISFT/2020/P/124	Sandeep Kumar Barnawal	Review On Downsizing Of Internal Combustion Engine And Its Future
16.	ISFT/2020/P/126	Madan Mohan	Effect Of Using Quaternary Blend On Combustion, Performance, And Emissions In Ci Engines
17.	ISFT/2020/P/128	Yatharth Sharma	Use Of Natural Fibres In Automobiles
18.	ISFT/2020/P/129	Shourya Paul	Design And Analysis Of 4 Stroke Single Cylinder Platina Engine Aluminium Crankshaft
19.	ISFT/2020/P/130	MuditaGarg	Heart Disease Prediction Model Using Machine Learning And Data Mining
20.	ISFT/2020/P/139	Amit Kumar	Modular Bio-Power System
21.	ISFT/2020/P/140	Ayush Mishra	Design Of Power Train System Of Atv/Go-Kart
22.	ISFT/2020/P/141	Ashwani Kumar Prajapati	Solenoid Engine
23.	ISFT/2020/P/152	AnkitSonthalia	Effect Of Blends Of Hydrotreated Used Cooking Oil, Biodiesel And Diesel On The Performance And Emission Characteristics Of A Single Cylinder Diesel Engine
24.	ISFT/2020/P/153	AnkushBrella	Optimization And Analysis Of Design Parameters For A Commercial Airplane Wing By Developing A New Modern Airfoil
25.	ISFT/2020/P/155	Ashutosh Kumar	Hydroelectric Cell
26.	ISFT/2020/P/156	Vaibhav Singh	Future Scope Of Lng In India
27.	ISFT/2020/P/157	MukulTomar	Hot-Plate Ignition Probability Test Of Nanoparticles Blended Waste Cooking Oil Biodiesel
28.	ISFT/2020/R/1066	Ashish kumar	Tribological studies and microstructural characterisation of SiC and fly ash particles based aluminium 2024 alloy composites prepared through stir casting route

1130 hrs- 1330 hrs

Plenary Session III

VENUE: Auditorium

Session Chair: Prof. Tankeshwar Kumar, VC, GJUST, Hisar

Session Co-Chair: Prof. P R Sharma, JCBUST, Faridabad

Session Co-ordinators: Dr. Neelam Duhan(9818462006), Dr. Sapna Taneja (9818954233)

S. No.	Speaker	Title
1	Dr. Victor Prybutok and Dr. Gayle L. Prybutok University of North Texas, USA	E-health and M-health the Changing Face of Health Care Information Access and Delivery.

2	Dr. Stefano Curcio University of Calabria, Italy	Formulation of a multi-scale model to predict proteins fouling in ultrafiltration processes
3	Prof. Nouredine TAKORABET Université de Lorraine, France	Towards more electric aircrafts for less carbon emissions.
4	Dr.NapatWatjanatepin Rajamangala University of Technology SuvarnabhumiNonthaburi, Thailand	The LED light technology for Horticulture industries

1330 hrs – 1415 hrs	Lunch
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1415 hrs- 1615 hrs	Plenary Session IV
Venue: Auditorium	
Session Chair: Dr. Markanday Ahuja, VC, Gurugram University	
Session Co-Chair: Prof. C K Nagpal, JC Bose UST, Faridabad	
Session Co-ordinators: Dr. Neelam Duhan(9818462006), Dr. Sapna Taneja(9818954233)	

S. No.	Speaker	Title
1	Prof. Michael Monticino Interdisciplinary Program in Analytics & Computational Science University of North Texas, Denton, Texas, USA	Adapting to Automated Analytics Evolution
2	Dr.SudipChakraborty, University of Calabria, Italy	From Science to Solutions: A Journey with membrane separation
3	Dr.Vinod Kumar Sharma ENEA Research centre Trisaia, Italy	ENEA Activities on Biomass/Biofuels (Sub Megawatt Scale Biomass based power generation for entrepreneurs, NGGs, Financial institutions and relevant stakeholders)
4	Prof SanjeevKhanna University of Missouri, Columbia, USA	Materials for Security and Sustainability
5	Prof. Wolfgang Borutzky Bonn-Rhein-Sieg University of Applied Sciences, Germany	Bond Graph Modelling for Control, Fault Diagnosis and Failure Prognosis

1630 hrs - 1730 hrs	Valedictory Ceremony & Prize Distribution
1730 hrs - 1800 hrs	Tea

1800 hrs - 1900 hrs	Official meeting of JCBUST, ISFT& SFST Office Bearers
1900 hrs - 2000 hrs	Dinner (By Invitation Only) (For ISFT Organizing Committee, Campus Ambassadors, Key Note Speakers & Foreign Delegates). The venue is.....

Day 4, Thursday, January 9, 2020

FOR THOSE WHO ARE TAKING AGRA TOUR

0630 hrs	Assembly at the Lobby of Park Plaza Hotel, Faridabad(https://www.sarovarhotels.com/park-plaza-faridabad/)
0700 hrs	Departure for Agra
1100 hrs	Arrival at Taj Mahal
1330 hrs	Lunch at Agra
1700 hrs	Departure from Agra to New Delhi
1930 hrs	Dinner at Greater Noida
2200 hrs	Back to Hotel

The keynote speakers/delegates are requested to take early breakfast at their respective hotels and board the Volvo buses for the Agra tour.

The keynote speakers/delegates are requested to follow the time frame strictly so that the tour can proceed as per schedule. Due to the tight schedule, it will be difficult to accommodate those who report late.

The journey to Agra will take around 4 hours through the picturesque Yamuna Expressway. The snacks at Midway, lunch in Agra and dinner in Greater Noida shall be arranged by the organizing committee.

FOR THOSE WHO ARE NOT TAKING AGRA TOUR

1000 hrs – 1230 hrs	Round Table on Innovations and Start-ups in Engineering, Science & Technology at JCBUST, Faridabad
1230 hrs – 1330 hrs	Lunch
1330 hrs – 1630 hrs	Visit to Labs/Industries

Day 5, Friday, January 10, 2020

0830 hrs	Assembly at the Lobby of Park Plaza Hotel Faridabad(https://www.sarovarhotels.com/park-plaza-faridabad/)
0900 hrs	Departure for Delhi Industrial Visit and Delhi Local Tour
1400 hrs	Lunch
1630 hrs	End of Delhi Tour.

The keynote speakers/delegates are requested to take breakfast timely at their respective hotels and board Volvo buses for the Delhi tour.

The keynote speakers/delegates are requested to follow the time frame strictly so that the tour can proceed as per schedule. Due to the tight schedule, it will be difficult to accommodate those who report late.

The lunch shall be arranged by the organizing committee.

**The registration fee for foreign delegates includes the transportation and the meals for the Agra and Delhi Tour.*

Please contact the Conference Secretariat for further details about the above tours.

Organising committee & volunteer list

<u>S.NO</u>	COMMITTEE & SESSION	COORDINATORS	CONTACT NUMBER	VOLUNTEERS	VOLUNTEER'S CONTACT NUMBER
1	Registration	Ms. Reena Garg, SPOC	9899390778	Sourabh	9306135349
		Ms. Hemlata	8447080180	Swati Gaur	7011510649
		Dr. Payal Gulati	8800311601	Aditi Mishra, Payal	7838385602, 9891944873
		Dr. Poonam, CE	9899284595	Sonu Sharma	9560334497
		Ms. Kusum Arora, CE	9971491888	Sandhya	9910845656
		Mr. Uday Singh Kushwaha	9540032224	Sachin Chaturvedi	93067 43573
		Mr. Pawan Kumar, Sr. Instructor (GEW)	9312046359	Dipika	8285359669
		Ms. Nisha, Maths	9818809102	Jyoti,Preeti	9899760112, 7836804708
		Ms. Jyotsana, CE	9953597828	Prince Bansal	96678 03750
		Ms. Shikha, CE	7988278860	Priya Singh	9811462742
	Ms. Shilpi, CE	8178033531	Divya Goel	9717561316	
2	Inauguration	Dr. Rashmi Popli	9810862658	Yatin	9560753160

		Dr. Jyot sana	9990234880	Tarun Saini	9773774077
		Dr. Preeti Sethi, SPOC	9810374948	Shivam	9911165205
		Dr. Pradeep Dimri	9968433183	Shrey Arora	9971286745
		Dr. Sanjeev Goyal	8700682560	Pragati	8178721427
				Pallavi	8968783878
				Chirag Goyal	9811076788
				Samridhi	9899922812
				Ekta	8587945678
				Garima	9999062343
				Twinkle	9582936405
				Praveen Jhamb	8700046679
				Anisha Dagar	9582610854
3	Kits preparation Committee	Dr. Shilpa Sethi, SPOC	9654807387	Aman	9991216569
		Dr. Shikha Gupta	8587805145	Harshita	9467682010
		Ms. Manju	9891659175	Kamakshi	7289855674
		Mr. Ompal Singh, Physics	9306840228	Mamta Bangari	6397651517
4	General Works Committee	Dr. Rajeev Sindwani, SPOC	9810432422		

		Ms. Anuradha Vijay, MBA			
		Mr. Krishan, Instructor Welding Workshop			
		Mr. Satpal Verma, GEW			
5	Stock Incharge	Dr. Nikhil Dev, SPOC	9711812394		
		Ms. Anubha Gautam, EL			
		Mr. Piyush, CE			
6	Souvenir & Certificate	Dr. Sanjeev Kumar		Aamil	8700664847
		Dr. Renuka Gupta, SPOC	9999692469	Heena Chauhan	8743840022
		Dr. Rajeev Saha			
		Mr. Sushil Tyagi			
7	Printing & Allied Work	Dr. Sanjeev Kumar, SPOC	7838076457	R. Vignesh	7550001396
		Dr. Sapna Gambhir		Chalsi	9871745159
		Mr. Ashish Pal			
		Mr. Sushil Tyagi			
8	Website & Digital Boards	Dr. Umesh, SPOC	9810794167		
		Dr. Lalit Mohan Goyal			

		Mr. Ankit Pannu			
		Member, Digital Cell			
9	Refreshment & Stay Arrangement Committee	CHW			
		Dr. Mahesh Chand, SPOC	9999917830		
		Dr. Sheilza Jain	9818886957	Rahul	9899061672
		Dr. Amita Arora	9891874947	Ritika Thusoo	9643109379
		Mr. Manmohan Kakkar		Shrey Arora	9971286745
		Sh. Mahinder, Instructor M/C shop			
10	Transportation	Dr. Krishan Verma			
		Mr. Vinod Rathore, SPOC	8860320746		
		Mr. Vivek Sharma (W/S supt.)			
11	Video, Photography & Media Coverage	Mr. Jitender Yadav			
		Mr. Dushyant Tyagi			
		Mr. Ramras Pal			
		Dr. Sonia Hooda			
		Ms. Alka Rawat, SPOC	9871804909		

12	Plenary - 1, 2, 3 & 4	Dr. Neelam Duhan		Pritam and Dimple Dimple Singh	
		Dr. Sapna Taneja	9818954233	Abhiniti and Sagun	
16	Technical - 1	Dr. Sandhya Dixit		Arun Chandra Akriti	9518693653
		Dr. OP Mishra		Janendra Kumar	8970382155
17	Technical - 2	Dr. Anuradha Pillai, CE		Ajay baghal	
		Ms. Gunjan Sardhana		Ravi kumar	
18	Technical - 3	Dr. Nobel Tomar	8800580806	Upma, Pinky	7082375866, 8800853220
		Ms. Rachna Dhir		Pooja, Nadeem	9810473187, 9015320058
19	Technical - 4	Dr. Rajeev Saha			
		Sh. Nitin Panwar			
20	Technical - 5	Dr. Arun Gupta	9889925403	Kirti Kundu	8377097448
		Ms. Rashmi Chawla	9050216441	Pankaj Kumar	
21	Technical - 6	Dr. Sandhya Dixit			
		Dr. OP Mishra			
22	Technical - 7	Dr. Anuradha Pillai, CE		Ajay baghal	
		Ms. Gunjan Sardhana		Ravi kumar	
23	Technical - 8	Dr. Rajeev Saha			

		Sh. Nitin Panwar			
24	Technical - 9	Ms. Rachna, EL		Rohit	9518234798
		Dr. Nobel Tomar	8800580806	Shivam	8810500070
25	Technical - 10	Dr. Rupali Madan	9810968857	Twinkle Manchanda	9582936405
		Dr. Manisha Garg			
26	Technical - 11	Dr. Rashmi Chawla	9050216441	Pankaj Kumar	
		Dr. Mamta Kathuria	8287975969	Khushi Jhawar	
27	Poster - (1 & 2)	Dr. Bindu Mangla		Upma, Pinky	7082375866, 8800853220
		Dr. Shefali Trivedi		Kuldeep, Priya	8851723902, 9599577178
		Ms. Rashmi Aggarwal		Kunal Vashisht	8700781572
		Ms. Shruti		Suraj tiwari	7042836498
				Shahid Alam	9971631766
		Dr. Sonali Gupta	9999971057	Anshika Chaudhary	8510817102
				Khushboo mittal	8383818380
				Monika	8586004178
		Ms. Parul Gupta		Sapna	9650759670
				Dimple	9810234838

29	TA/DA	Dr. Rajesh Kumar Attri, SPOC	7503644151	Neeraj Kumar Sharma	8750444278
		Sh. Satpal Kalyan		Aayush sharma	9910850725
		Mr. Aditya, Animation		Leesha jindal	
30	Stall/Exhibition	Dr. Sushil Panwar, SPOC	9971853887		
		Dr. Vedpal			
		Ms. Nitin Julka			
		Ms. Sonam Khera			
		Dr. Ashlesha Gupta			
31	Discipline & Safety	Proctor, SPOC	9873762868		

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S.No	Coordinators	SPOC	CONTACT NUMBER
1	Registration	Ms. Reena Garg	9899390778
2	Inaugration	Dr. Preeti Sethi	9810374948
3	Kits preparation Committee	Dr. Shilpa Sethi	9654807387
4	General Works Committee	Dr. Rajeev Sindwani	9810432422
5	Stock Incharge	Dr. Nikhil Dev	9711812394
6	Souvenir & Certificate	Dr. Renuka Gupta	9999692469

7	Printing & Allied Work	Dr. Sanjeev Kumar	7838076457
8	Website & Digital Boards	Dr. Umesh, SPOC	9810794167
9	Refreshment & Stay Arrangement Committee	Dr. Mahesh Chand	9999917830
10	Transportation	Mr. Vinod Rathore	8860320746
11	Video, Photography & Media Coverage	Ms. Alka Rawat	9871804909
12	Session	Dr. Pardeep Dimri	9968433183
13	TA/DA	Dr. Rajesh Kumar Attri	7503644151
14	Stall/Exhibition	Dr. Sushil Panwar	9971853887
15	Discipline & Safety	Proctor	9873762868