



SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

ISO 9001 – 2015 & ISO14001 – 2015 Certified

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057.

Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

Phone: 080-28 372800/1/2 Fax: 080-28 372797

Monthly Event Report for the month of November -2020

DEPARTMENT OF MECHANICAL ENGINEERING

*Type of event/activity	Faculty Development Program –In Association with Department of Mathematics, Department of civil Engineering and CMTI, Bengaluru
Name/Title of the Activity/Event	“Recent Trends in Fluid Dynamics”
Date of Organization	November 17 – 21, 2020
Venue (with address)	COLLEGE CAMPUS (On-Line) Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Main Road, Bengaluru -560057
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol style="list-style-type: none"> 1. To introduce the faculty with fundamental concepts in Fluid dynamics. 2. To create awareness on the problems/research work going on in the area of Fluid Dynamics.. 3. To illustrate the mathematical and other tools used in Fluid Dynamics.. 4. To explore new areas of research and tools / softwares used in the area of Fluid Dynamics. 5. To provide an opportunity for the faculty to interact with people working in the different areas of Fluid dynamics.
Participants	FDP was organized by department of Mechanical engineering in association Department of Mathematics, Department of Civil Engineering and CMTI, Bengaluru. Faculties from different institutions and Universities registered to the five day FDP.
Mention organized /participated/attended	Same as above

Event Description:

A five day FDP on “Recent Trends in Fluid Dynamics” was organized by department of Mechanical engineering in association Department of Mathematics, Department of Civil Engineering and CMTI, Bengaluru. Faculties from different institutions and Universities registered and participated in the five day FDP. Seventeen lectures were arranged during the FDP. Daily two sessions were arranged from 10:00 am to 12:00noon & 2:30pm – 4:30 pm. Each session was having two lectures from experts / resource persons.

Images: Enclosed

Mapping of POs with the activity conducted

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	1	1	1	1				1	2		3

***Type of activity: FDP**

Date of Submission: 02/12/2020

Signature of the HoD

Details of Participants Registered : Total 200

S.N	Name (As Required on the Certificate)	Affiliation (Institution/Organization)	Department	Highest Qualification
1	Vijay R B	Acharya institute of technology	Mechanical	M.tech
2	LAVAKUMAR K S	ACHARYA INSTITUTE OF TECHNOLOGY	MECHANICAL ENGINEERING	M.TECH
3	Dr. Attel Manjunath	Acharya Institute of Technology	Mechanical Engineering	Ph.D
4	SHREEHARI SHALDAR	Acharya Institute of Technology, Bengaluru	Automobile Engineering	M.Tech.
5	Dr. Raghavendra K	ACS College of Engineering	Mathematics	PhD
6	INAMUL HASAN	ACS COLLEGE OF ENGINEERING	AERONAUTICAL ENGINEERING	M.E
7	KUMARA B M	ACS College of Engineering.	Mechanical Engineering	ME, Persuing pH.D
8	Mr. RANJIT ARJUN KATKAR	AGTI's Dr. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD.	CIVIL ENGINEERING	M TECH STRUCTURE
9	B.BABU	AMRITA COLLEGE OF ENGINEERING AND TECHNOLOGY	Mechanical	M.E(Ph.D)
10	Dr.Satheesha V	Associate Professor	Mechanical	Ph.D
11	Dr.Rathnakar.G	ATME College of Engineering, Mysuru.	Mechanical Engineering	Ph.D
12	H P JAGADISH	B M S EVENING COLLEGE OF ENGINEERING	Mechanical department	Ph D
13	Dr. Sreelakshmi D	B N M Institute of Technology	Mathematics	Ph. D
14	Dr. L VENKATA REDDY	B N M INSTITUTE OF TECHNOLOGY, BANGALORE	MATHEMATICS	Ph. D
15	Roopa G.	B.N.M Institute of Technology	Mathematics	M.Phil.
16	Manjula M.	B.N.M Institute of Technology	Mathematics	M.Phil
17	Dr. N. P. CHANDRASHEKARA	B.N.M. INSTITUTE OF TECHNOLOGY	MATHEMATICS	Ph. D.
18	Ravi.VC	BANGALORE INSTITUTE OF TECHNOLOGY	MECHANICAL	ME
19	Aishwarya H S	Banglore University	Mathematics	MSc
20	Dr Devanand D Chillal	Basaveshwar Engineering College	Automobile	Ph.D
21	Ms NOOR E MISBAH	Bengaluru City University	Department of Mathematics	MSc
22	M. srikanth	Bharath school	School	B.pharm
23	Mr.C.NATESAMURTHI	Bharathidasan Engineering College, Natrampalli, Tirupattur Dt.	Mechanical Engineering	M.E.
24	Shaila. S.Benal	BLDEACET,V.P. DR.P.G.HALAKATTI ENGINEERING COLLEGE VIJAYAPUR	SCIENCE & HUMANITIES	M.Sc
25	Vijayalakshmi U Shanbhag	BMS College For women	Mathematics	MSc, KSET
26	Dr GAYATHRI M.S.	BMS College of Engineering	Mathematics	Ph D
27	Mrs.SREELAKSHMI T K	BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Mathematics	M.Sc.,
28	Dr. KALLUR V VIJAYAKUMAR	BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT	MATHEMATICS	Ph.D.
29	SHRIPAD DIWAKAR	BMS Institute of Technology and Management, Bengaluru	Mechanical Engineering	M.Tech
30	Dr. CHETHAN A. S.	BMSIT&M	Mathematics	PhD
31	Usnis Banerjee	Central University of Jharkhand	Department of English Studies	Doctoral Research Scholar

32	Sushma S	Channabasaveshwara Institute of Technology, Gubbi	Mechanical Engineering	M. Tech
33	Keerthana S	Christ (Deemed to be University)	Mathematics	MSc
34	Noor Arshika S	CHRIST (Deemed to be University)	Mathematics	M.Phil
35	Nisha Mary Daniel	CHRIST (Deemed to be University)	Mathematics	M.Sc.
36	Ravi N S	CIT, Gubbi	Mechanical Engineering	M Tech.
37	THARA R	CIT, GUBBI, TUMKUR	MECHANICAL ENGINEERING	M.Tech
38	S.SHANKAR NARAYAN	CMR Institute of Technology, Bengaluru	Mathematics	M.Sc
39	CHAPPELI SAI KIRAN	CVR COLLEGE OF ENGINEERING	Mechanical Engineering	M.E.
40	Sneha Kolkar	Davanagere university	Mathematics	Phd
41	VISHALAKSHI A. B.	DAVANGERE UNIVERSITY	MATHEMATICS	M. SC
42	Dr M.N Gururaja	Dayananda Sagar Academy of Technology & Management	Mechanical Engineering	Ph.D
43	MAHESH B	Dayananda Sagar Academy of Technology & management	Mechanical Engineering	M.Tech
44	Bhavya Shivaraj	Dayananda Sagar Academy of Technology and Management	Mathematics	M. Phil., (Ph. D.)
45	Dr Shilpa P	Dayananda Sagar academy of Technology and management	Mathematics	PhD
46	Dr.Nagaraj C	Dayananda sagar academy of technology and management	Mathematics	Ph.D
47	UJWAL U	Dayananda Sagar Academy of Technology and Management	Mechanical Engineering	M. Tech
48	Dr.vatsala G A	Dayananda sagar Academy of Technology and Management, Bangalore	Mathematics	PhD
49	Abhishek H A	Dayananda Sagar College of Engineering	Mechanical Engineering	M. Tech
50	Akshayraj N	Dayanandasagar college of engineering	Aeronautical engineering	M.Tech
51	K M Kiran Kumar	DBIT Bangalore	Mechanical Engineering	M.Tech
52	KISHORE	DBIT, BANGALORE	Mechanical Engineering	M.E
53	TALARI THIMMAPPA	Dr K V Subba Reddy Institute of Technology Kurnool AP	Mechanical Engineering	M.Tech
54	Dr Manjunatha C	Dr T Thimmaiah institute of technology	Mathematics	PhD
55	B.N Manjunath	Dr.T.Thimmaiah Institute of Technology	Mechanical	M.TECH
56	SHAILAJA SR	DrTTIT	Mathematics	Msc
57	VIJAYAVARDHANA C	DSATM	Mechanical engineering	ME
58	Naresh D C	DSCE Bangalore 78	Aeronautical Engineering	M.Tech
59	Naveen N	East West College of Engineering	Mathematics	M.Sc
60	VINIT SHAH	FREEZCO CORPORATION	ENGINEER	ENGINEER
61	Mr. Naresh kumar	G H Rasoni College of Engineering and Management, Pune	Mechanical Engineering	M. Tech
62	Ghaleppa	Global Academy of Technology	Mechanical Engineering	M.Tech
63	MR KIRAN BABAJIRAO SALUNKE	Government polytechnic Thane	Mechanical engineering department	ME Mechanical
64	DR SUMIT GUPTA	Govt Degree College Arki Distt Solan	Mathematics	Ph.D.
65	SANJAY S C	GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN, MYSORE	MECHANICAL	MTech

66	Shiva Prasad S	GSSS Institute of Engineering and Technology for Women Mysuru	Mechanical	M.Tech.
67	VENKATASESHIAH B	GSSS Institute of Engineering and Technology for Women, Mysuru.	Mathematics	M.sc
68	RAGHUNANDAN M S	GSSSIETW, Mysuru	Mechanical	M.TECH
69	Dr. YOGESH M	GSSSIETW, MYSORE	Mechanical	Ph.D
70	Roopadevi K N	GSSSIETW, Mysuru	Mathematics	M.Sc
71	SRISHAILAREDDY	H.K.E.S's S.L.N.COLLEGE OF ENGINEERING	Mechanical Engineering	M.Tech
72	SUJOY KANTI BHATTACHARJEE	Indian Institute of Engineering Science and Technology, Shibpur	I	I
73	DEVIPRASAD N MIRASHI	Jain College of Engineering and Technology, Hubballi-580032	Mechanical Engineering	M.Tech (Thermal Power Engineering)
74	Pradeep G V	Jain University	ME	M.Tech
75	Raghavendra Rao P S	Jain University	Automobile Engineering	M.E.
76	Vasantha kumar h	Jssstu mysuru	Mechanical	M.Tech
77	NAGARATHNA T K	K S SCHOOL OF ENGINEERING AND MANAGEMENT	MATHEMATICS	MSc
78	Mahanthesh.G	Kalpataru Institute of Technology	Mechanical Engineering	M.Tech
79	HARIKESHA C R	Kalpataru Institute of Technology	Mechanical Engineering	MTech
80	Dr Viswanatha BM	Kalpataru Institute of Technology TIPTUR	Department of mechanical engineering	PhD
81	Rohith Kumar H V	Kalpataru Institute of Technology, Tiptur	Department of Mechanical Engineering	B.E.,M.Tech
82	Mr.DEEPAK KUMAR.N.Y.	Kalpataru Institute of Technology, Tiptur	Mechanical Engineering	M.Tech
83	CHETHAN CHANDRA S BASAVARADDI	KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR-572201.	COMPUTER SCIENCE AND ENGG.	B.E, M.Tech, D.Litt., (P.hD).
84	Rabinarayan Bag	KIIT Deemed to be University, Bhubaneswar	Mechanical engineering	PhD
85	Dr CHANCHAL KUMARI	Kolhan University, Chaibasa, Jharkhand	Psychology	PhD
86	M Senthilkumar	Kumaraguru College of Technology Coimbatore	Aeronautical Engineering	M.E, (PhD)
87	Dr SAKSHATH T N	M S Ramaiah University of Applied Sciences	Mathematics	PhD
88	Dr Veena B. N.	M. S. Ramaiah Institute of Technology	Mathematics	Ph. D.
89	Dr. Dinesh P. A.	M. S. Ramaiah Institute of Technology	Mathematics	Ph. D.
90	Pankaj Mishra	National Institute Of Co - Operative Management College	Finance & Management	M.B.A.
91	Mr. Shiva Prakash S	New horizon college of Engineering	Mechanical Engineering	M-Tech
92	Dr Mohammed Abid Ali	PSCMR College of Engineering & Technology Vijayawada	Mechanical Engineering	PhD
93	K S Madhu	Rajarajeswari College of Engineering	Mechanical Engineering	M tech
94	B.D.Wadekar	RajaRajeswari College Of Engineering, Bengaluru.	Mechanical Engineering	M.Tech
95	Praveen Math	Reva university bangalore	Mechanical engineering	M. Tech
96	Manjunath C	REVA University, Bengaluru	Mechanical Engineering	M.Tech
97	BASAVARAJ M S	RIT	Mathematics	Ph.D
98	Rakesh R	RNS Institute of Technology Bengaluru	Mechanical Engineering	M Tech

99	G.R.JAGANNATH	RNSIT	MECHANICAL ENGINEERING	M.Tech.
100	NIVYA MUCHIKEL	RV COLLEGE OF ENGINEERING	MATHEMATICS	M.Sc, M.Phil.
101	G JAYALATHA	RV College of Engineering	Mathematics	Ph.D
102	Anil Kumar G	S J B Institute Of Technology	Mechanical Engineering	M.Tech [Ph.D]
103	Dr. Madhusudhana S V	S.J.C. Institute of Technology	Mechanical Engineering	PhD
104	Farakate Pandurang Ranaba	Sadashivrao Mandlik Mahavidyalaya Murgud Tal Kagal Dist Kolhapur	History	MA
105	BHAVYA N P	Sapthagiri college of engineering	Mathematics	M.Sc
106	Muniratnamma M	Sapthagiri college of engineering	Mathematics	M.Sc,
107	Santhosh HC	Sapthagiri college of engineering	Mathematics	MSc, B.Ed
108	Mohan A E	SAPTHAGIRI COLLEGE OF ENGINEERING	Mechanical	M. Tech
109	Dr Kumar Raju B C	Sapthagiri College of Engineering	Civil Engineering	PhD
110	Mohan A E	SAPTHAGIRI COLLEGE OF ENGINEERING	Mechanical	M. Tech
111	Rajiv T	Sapthagiri college of engineering	Civil	M.Tech
112	Nandini BJ	Sapthagiri College of Engineering	Mathematics	M.Sc
113	Dr P MAHADEVASWAMY	Sapthagiri College of Engineering	Mechanical Engg	PhD
114	Dr.Basavaraju.S	Sapthagiri College of Engineering	Mechanical Engineering	PhD
115	Dr.R.G.deshpande	Sapthagiri college of engineering	Mechanical engineering	Ph D
116	Dr.NARAYANAPPA	Sapthagiri College of Engineering	Electrical and Electronics Engineering	Ph.D
117	Sruti C R	Sathyabama Institute of Science and technology	mba	PG
118	Dr. Basavaraj Ganiger	SCE	ME	Ph.D
119	Shripad Markande	SCE	Mathematics	Ph.D
120	Ramesh N G	SCE	ME	Mtech
121	kumar Swamy R	Sir M Visvesvaraya Institute of Technology	Mechanical Engineering	M.Tech
122	Mr. P. Leon Dharmadurai	SNS College of Technology	Automobile	M.E
123	N. KUMARESAN	SNS COLLEGE OF TECHNOLOGY	AUTOMOBILE ENGINEERING	M.E
124	Naveen Kumar pattar	Sri Krishna institute of technology	Mechanical engineering	Mtech
125	Mallikarjun G	Sri Krishna institute of technology	Mathematics	M.phil (PhD)
126	Mr. PRAKASHA G	Sri Venkateshwara College of Engineering, Bengaluru	CSE	M. Tech
127	MODI ARPIT HARIVADAN	SVIT-Vasad	Mechanical Engineering	PG
128	Dimple Juneja	Udaipur	Commerce	M phil
129	Viswas Sharad Purohit	University at Buffalo	School of Engineering and Applied Sciences	Ph.D
130	Dr. Ravichandra nayakar S N	University BDT College of Engineering, Davangete	Mathematics	Ph. D
131	Dr. Richa Biswal	University of Allahabad	English	Ph. D
132	Ajith K	VCET Puttur	Mechanical Engineering	Mtech
133	Dr. M S JAGADEESH KUMAR	Vellore Institute of Technology	Mathematics	Ph. D
134	Mr. AMRUTH E	Vidya Vardhaka College of Engineering, Mysuru	Mechanical Engineering	M.Tech

135	Chandan V	Vidyavardhaka College of Engineering	Mysuru	MTech
136	Dr S A Mohan Krishna	Vidyavardhaka College of Engineering	Department of Mechanical Engineering	Ph. D
137	Kavitha N	Vishwa chethana pu and degree college	Mathematics	Msc
138	Mrs. Nayana P	Visvesvaraya Technological University	Mathematics	MSc
139	GUNAMUTHUKUMAR U	VIT VELLORE, TAMILNADU	MATHEMATICS	Research Scholar
140	Bhaskar Kulkarni	Vivekananda College of Engineering & Technology, Puttur	Mechanical Engineering	M. Tech
141	SHREESHARANYA U R	Vivekananda college of Engineering and Technology, Puttur.	Mathematics	M.Sc.
142	LAKSHMIKANTHA D B	VKIT	Mathematics	Msc(p,hd)
143	ROOPA K R	VTU	Mathematics	M.Sc
144	Prof.Vijayakumar S.Totad	VTU, AIT	Mechanical engineering	M.Tech(Thermal & Fluid eng'g),(PhD)
145	Dr Manjunath B T	VTU, Dayananda sagar of Academy of Technology and Management	Mechanical engineering	PhD
146	Saud Mehboob Inamdar	MAHE	Mechanical	12
147	Dr.Tabassum Sadik	University of technology and applied sciences	Mechanical engineering department	PhD
148	Sriraksha Prakash	Dr. TTIT	Mathematics	M.Sc
149	Annamma Abraham	BMS Institute of Technology and Management	Mathematics	Ph.D
150	Ram Kumar M	Sapthagiri College of Engineering, Bangalore	Mechanical Engineering	M.Tech
151	THEJAS M S	SAPTHAGIRI COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	M.Tech
152	Dr. SOMASHEKHAR P H	Dr. S. M. C. E.	Mechanical Engineering	Ph.D
153	Jeevith Arvind	Sapthagiri college of engineering	Mechanical engineering	2nd PUC
154	Devaraj E	CMR University	Mechanical Engineering	ME(PhD)
155	ADARSH KUMAR P V	Sapthagiri collage of engineering	Mechanical engineering	2nd pu
156	M.K.Shashidhar	AICTE	Mechanical	M.Tech
157	Kishore kv	Sapthagiri college of engineering	Mechanical	BE
158	RANGANATH N	KSIT	Mechanical Engineering	Mtech
159	Satish Kumar YD	Sapthagiri College of Engineering	Mechanical Engineering	M.tech
160	Bindu M G	Sapthagiri college of Engineering	Mathematics	M.Sc
161	Ansa Mathew	Research Scholar, CHRIST(Deemed to be University), Bengaluru, India	Department of Mathematics	MSc. Mathematics
162	Dr. Indira R	Nitte Meenakshi Institute of technology	Mathematics	Ph. D
163	MEGHANA J	Research Scholar	Mathematics	MSc Mathematics
164	KEERTHI R	Christ College of Science and Management-Malur	Science	MSc
165	CHANNA KESHAVA NAIK N	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR	MECHANICAL	M.Tech., (Ph.D)
166	NAVEEN KUMAR A	Cambridge Institute Of Technology	Mechanical Engineering	M.Tech (Ph.D)
167	Dr. V RAMACHANDRAMURTHY	R R Institute of Technology	Mathematics	Ph.D.
168	Shilpa B V	Vivekananda Institute of Technology	Mathematics	M. Sc

169	Chetan B P	Sapthagiri College of Engineering	Mechanical Engineering	M. Tech
170	MADHUKUMAR YC	Sapthagiri College of Engineering	Mechanical Engineering	M.Tech
171	Arunkumar R	SCE	ME	MTech
172	Mahesh S	Sapthagiri College of Engineering	Mechanical Engineering	M.Tech
173	Hemanth kumar HR	Sapthagiri college of engineering	Mechanical engineering	MTECH
174	A.M.Mahesha	Sapthagiri college of engineering	Mechanical engineering	M.Tech
175	Siva Murali Mohan Reddy A	Sapthagiri college of engineering	Mechanical engineering	Mtech
176	Dr. S. Manjunath	B N M Institute of Technology, Bengaluru	Mathematics	Ph.D.
177	Halembre Ambika	Sapthagiri college of engineering	Mechanical	Undergraduate
178	BHAVYA N P	Sapthagiri college of engineering	Mathematics	M.Sc
179	Anil Kumar P R	Sapthagiri College Of Engineering	Mechanical	MTech
180	PRAMOD S V	Sapthagiri College of Engineering	Mechanical	M.Tech
181	Dr. Hareesha N G	Dayananda Sagar College of Engineering	Aeronautical Engineering	PhD
182	PAMPAPATHI GADDI	Cambridge Institute of Technology North Campus	Mechanical Engineering	M.Tech
183	MEGHA SHUKLA	New Horizon College of Engineering	Mechanical	M Tech
184	Dr. Dishaben Lalitya Vaidya	R V College of Engineering	Mathematics	PhD
185	NEETI GHIYA	RV COLLEGE OF ENGINEERING	MATHEMATICS	Ph D
186	Manjunatha.B.R	KSIT	Mechanical engg	Mtech
187	Dr.A Hareesh	Amruta institute of Engineering and Management Sciences	Mechanical Engineering	Ph.D
188	Mahesh S M	Don Bosco institute of technology	Mechanical engineering	M Tech
189	Likhith R	Sapthagiri college of engineering	Mechanical	Engineering
190	CHETHAN S	SAPTHAGIRI COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	12
191	K Nagaraju	Geethanjali College of Engineering and Technology	Freshman Engineering Department	M.Sc, M.Phil
192	Baswaraj Dewarasetty	Jayaprakash Narayan College of Engineering	Mechanical Engineering	M.Tech(Ph.D)
193	Dr.G.Prathyusha	Sri Vani Degree & PG College	Electronics	Ph.D
194	Manjunatha C J	Vtu	Mechanical	Mtech,
195	Nagaraja T K	JSS Academy of Technical Education	Mechanical Engineering	MTech
196	Mahadev M channakote	M.S.Ramaiah University of Applied Science	Mathematics and Statistics	Ph D
197	Manjushree K	Sapthagiri College of Engineering	Mechanical engineering	Student
198	Siddabasappa C.	M. S. Ramaiah University of Applied Sciences	Mathematics and Statistics	PhD
199	Lingaraj Ritti	Shri Madhwa Vadiraja Institute of Technology and Management Bantakal Udupi	Mechanical Engineering	M Tech
200	Dr.TULSIDAS D	Sapthagiri College of Engineering	Mechanical Engineering	pH.D

FDP Scedule

Sl.No	Resource Person	Topic
17-11-2020		
1	Dr Pradeep G Siddheshwar, Christ University, Bengaluru	Two-frequency gravity modulation effects on Rayleigh-Benard convection
2	Dr Sadashive Gowda, Principal, VVCE, Mysuru	Discretization
3	Dr Amit Mahajan, NIT, Delhi	Study of Stability of Fluids by Energy Method
18-11-2020		
4	Dr Om P Suthara, MNIT, Jaipur	Choatic Behaviour of Atmospheric Convection
5	Dr Kanchana C, University of Tarapaca, Chile	Chaotic hydrodynamics
6	Dr Annamma Abraham, BMSIT&M, Bengaluru	Ferrofluids and its applications
19-11-2020		
7	Dr Buddhi Sapkota, Tribhuvan University, Nepal	Numerical Simulation of Indoor Air Contaminant Distribution in a Naturally Ventilated Kitchen
8	Dr Narendra Kumar M, JIT, Bengaluru	Introduction to CFD
9	Dr Ramanarasimha K, Principal, KSSEM, Bengaluru	General Aspects of CFD
10	Dr Dharmendra Tripathi, NITUK, Uttara Khand	Electroosmotic Flow with bimiocfluidics Applications
20-11-2020		
11	Dr Sankar M, Presidency University, Bengaluru	Finite Differene Method for Heat transfer Problems
12	Dr Manjunath S, BNMIT, Bengaluru	Mathematical Modeling of Dispersion in Fluid Flows
13	Dr Mahesha Narayana, University of West Indies, Jamaica	Taylor series solution of boundary eigenvalue problems arising from fluid flow instabilities
14	Dr Lakshmi K M, University of Tarapaca, Chile	Natural convection of Water-AA7075 Nano liquids confined in low-porosity cylindrical annuli
21-11-2020		
15	Dr Meenakshi Nerolu, Howard University, USA	Enhanced Heat Transfer in Liquids - Nano Solution
16	Dr Pranesh S, Christ University, Bengaluru	Trpile Diffusive Convection with Gravity Modulation
17	Dr Sridhar S N, Amity University, Gurugram	Applications of CFD in Automotive Design

FDP Brochure

CHIEF PATRONS
Shri. G Dayanand, Chairman, SCE, Bengaluru
Shri. G D Manoj, Executive Director, SCE, Bengaluru




PATRONS from VTU
Dr Karisiddappa, Honourable Vice Chancellor, VTU, Belagavi
Dr A S Deshpande, Registrar, VTU, Belagavi
Dr Satish Annigeri, Registrar (Evaluation), VTU, Belagavi

ORGANIZING CHAIRS
Dr H Ramakrishna, Principal, SCE, Bengaluru
Dr Shripad Markande, Dept of Mathematics, SCE, Bengaluru
(Co-Chair)


ADVISORY COMMITTEE
Dr Pradeep G Siddheshwar, FIMA (UK), FNASc
Senior Professor, Dept of Mathematics, Christ University, Bengaluru
Dr Nagahanumaiah
Director, CMTI, Bengaluru
Dr K S Jayanth
Former Principal, MCE, Hassan
Dr P Mahadevaswamy
Prof. and Head, Dept of Mechanical Engineering, SCE, Bengaluru

ORGANIZING COMMITTEE
Dr Tulasidas D, Dept of Mech. Engineering, SCE
Dr Raghavendra Deshpande, Dept of Mech. Engineering, SCE
Dr Basavaraj S, Dept of Mech. Engineering, SCE
Dr Basavaraj Ganiger, Dept of Mech. Engineering, SCE
Prof. Bhavya N P, Dept of Mathematics, SCE
Prof. Bindu M G, Dept of Mathematics, SCE
Prof. Muniratnamma M, Dept of Mathematics, SCE

Free REGISTRATION LINK
<https://forms.gle/8XH1FXKLbetCJo44A>
For details visit : www.sapthagiri.edu.in




SAPTHAGIRI COLLEGE OF ENGINEERING
Affiliated to VTU Belagavi, Approved by AICTE, New Delhi
ISO 9001-2015 & 14001-2015 Certified Institute
4/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka -560057



FIVE-DAY FACULTY DEVELOPMENT PROGRAM (VIRTUAL)
ON
"RECENT TRENDS IN FLUID DYNAMICS"
November 17- 21, 2020

ORGANIZED BY
DEPARTMENT OF MECHANICAL ENGINEERING, DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT OF MATHEMATICS
IN ASSOCIATION WITH
CMTI, BENGALURU



ABOUT THE INSTITUTE
Sapthagiri College of Engineering (SCE), Bengaluru is the brain child of the well-known industrialist and philanthropist Sri. G Dayanand, the Chairman of the Governing Board of the College. SCE is approved by AICTE, affiliated to VTU, Belagavi.

VISION
To be a best institution imparting quality Engineering education to deal with community needs through learning and performance.

MISSION

- To implement path breaking student centric education methods
- To augment talent, nurture teamwork to transform to develop individual as responsible citizen
- To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society
- Strengthen Industry-Institute Interaction for knowledge sharing

ABOUT THE DEPARTMENTS

DEPARTMENT OF MECHANICAL ENGINEERING
The department was established in 2001. The department is recognized as Research centre from VTU and offers Ph.D./M.Sc (Engineering). The department is well equipped with advanced laboratories to carry out research in the domain of metallurgy and I. C. Engines. MoUs have been signed with industries for skill development, training programs and research for both faculties and students.

DEPARTMENT OF MATHEMATICS
The department was established in 2001. The faculty members are actively involved in research areas like Graph theory, Fluid dynamics, Topology and Pure Mathematics.

CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE (CMTI)
CMTI is a premiere R & D organization focusing on providing 'Technology Solutions' to the manufacturing sector and assisting technological growth in the country. CMTI plays a key role in applied research, design and development (R&D), technology forecasting, assimilation and dissemination of manufacturing technology to Indian industries.

ABOUT FDP
In majority of the industrial and natural processes fluid flow is an inherent aspect along with the mass and energy transport. The fluid process engineers and scientists are required to have detailed knowledge of the fluid flow along with other parameters to thoroughly understand the process. Knowledge of fluid dynamics is essential for Chemical Engineering, Mechanical Engineering, Biochemical Engineering, Petroleum Engineering, Food Processing, pharmaceutical Industries and in Applied Sciences. The main objective of the FDP is to help researchers/faculty to understand the recent trends in fluid dynamics. Experts from Industry and Academia in the area of heat transfer, nanomaterial and computational fluid dynamics are presenting the state-of-the-art in the area of fluid dynamics. Another important objective of the FDP is to provide a platform for the researchers/faculties to interact with the experts.

RESOURCE PERSONS

KEYNOTE ADDRESS
Dr Pradeep G Siddheshwar, Christ University, Bengaluru

INDIAN
Dr Amit Mahajan, NIT, Delhi
Dr Annamma Abraham, BMSIT, Bengaluru
Dr Dharmendra Tripathi, NITUK, Utthara Khand
Dr Mahabaleshwar U S, Davanagere University, Davanagere
Dr Manjunath S, BNMIT, Bengaluru
Dr Narendra Kumar M, Jyothi Institute of Technology, Bengaluru
Dr Pranesh S, Christ University, Bengaluru
Dr Ramanarasimha K, Principal, KSSEM, Bengaluru
Dr Sadashive Gowda, Principal, VVCE, Mysuru
Dr Sankar M, Presidency University, Bengaluru
Dr Verma S K, Scientist-F, Aerospace Laboratory, CMTI, Bengaluru
Dr Shripad Markande, SCE, Bengaluru

FOREIGN
Dr Sridhar S N, Director, School of Engg, Amity University, Gurugram

FOREIGN
Dr Buddhi Sapkota, Tribhuvan University, Nepal
Dr Kanchana C, University of Tarapaca, Chile
Dr Lakshmi K M, University of Tarapaca, Chile
Dr Mahesha Narayana, University of West Indies, Jamaica
Dr Meenakshi Nerolu, Howard University, USA
Dr Symphony Chakraborty, National Taiwan University, Taipei, Taiwan

Photos of the event

Inaugural Function



Welcome address by the Principal



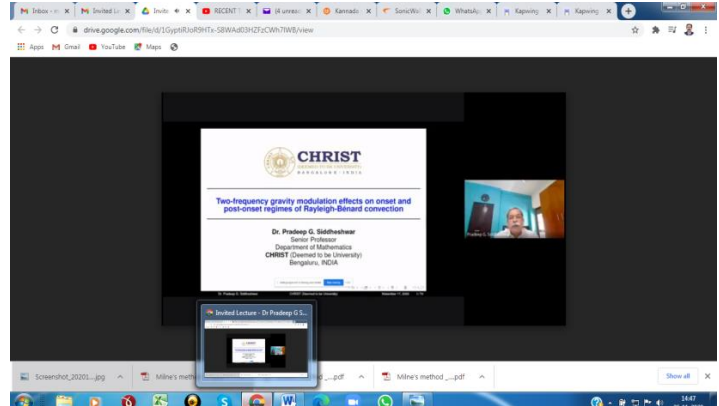
Introduction of Chief Guest



Address by the Chief Guest



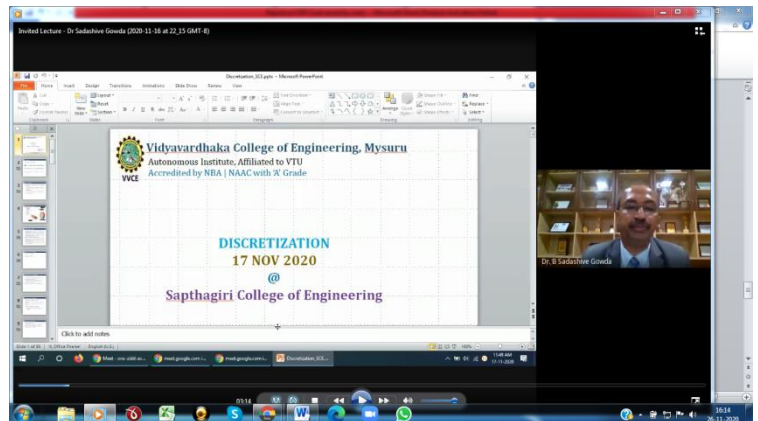
Introduction of Guest of Honor



Key Note Lecture – Dr. Pradeep G Siddheshwar

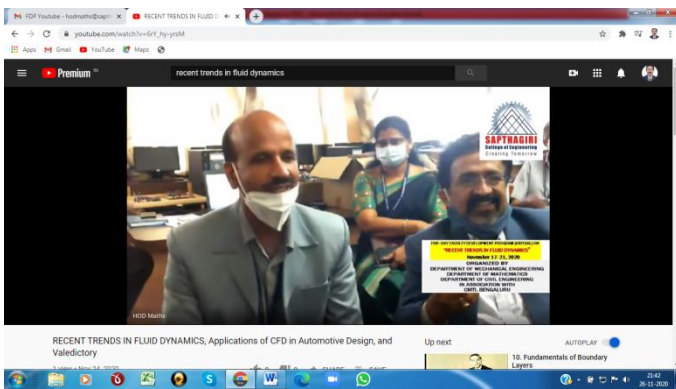


Introduction of Guest of Honor



Key Note Lecture – Dr. Sadashive Gowda

Valedictory Function:



Welcome address by the Principal



Brief about FDP

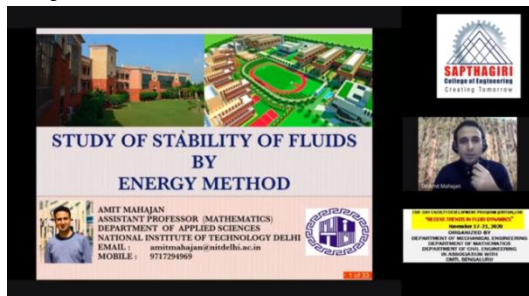


Address by the Chief Guest
Vote of Thanks



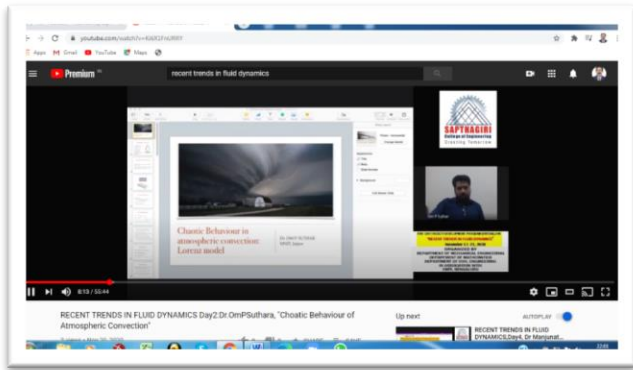
Lecture Sessions

Day1 : 17- 11 - 2020

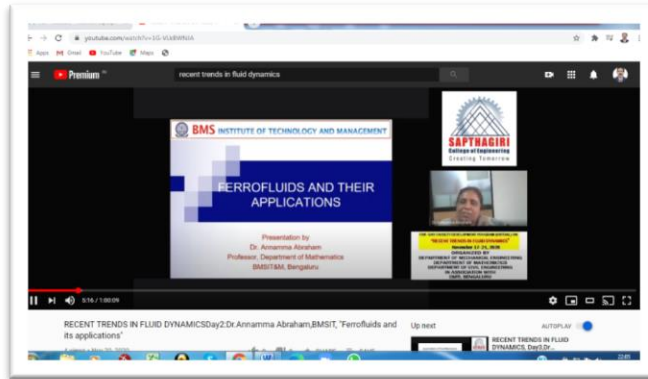


Lecture – 1 : Dr. Amit Mahajan

Day 2 : 18 – 11 – 2020

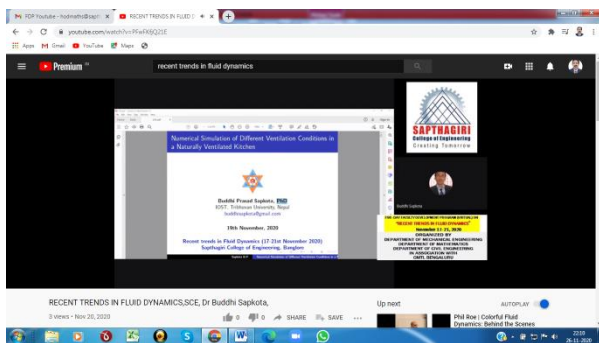


Lecture 3 : Dr. C Kanchana



Lecture – 4 : Dr. Annamma Abraham

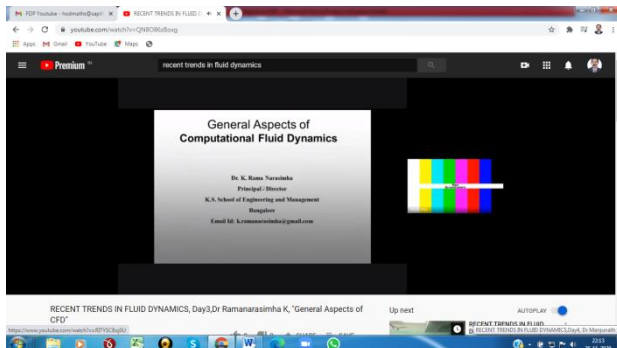
Day 3 : 19 – 11 – 2020



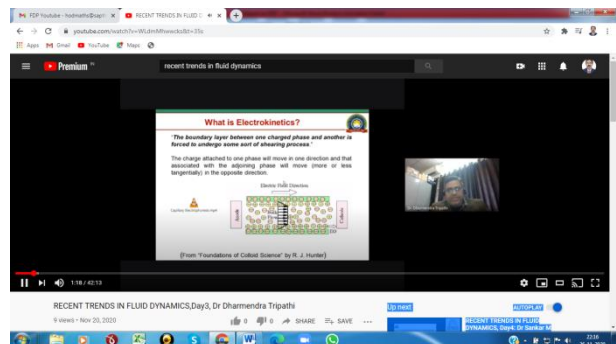
Lecture 5 : Dr. Buddhi Sapkota



Lecture 6: Dr. Narendra Kumar



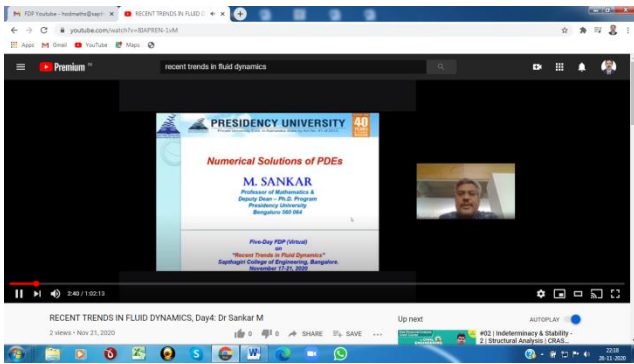
Ramanarasimha



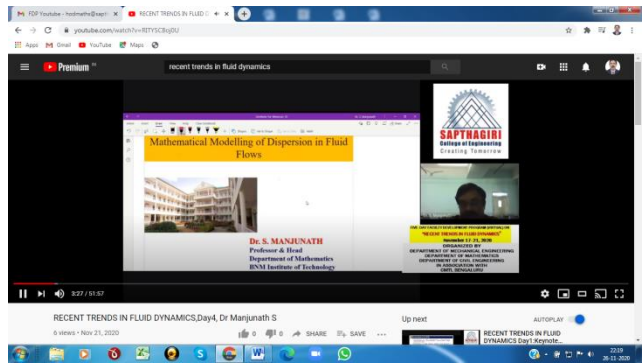
Lecture 8 : Dr. Dharmendra Tripathi

Lecture 7 : Dr.

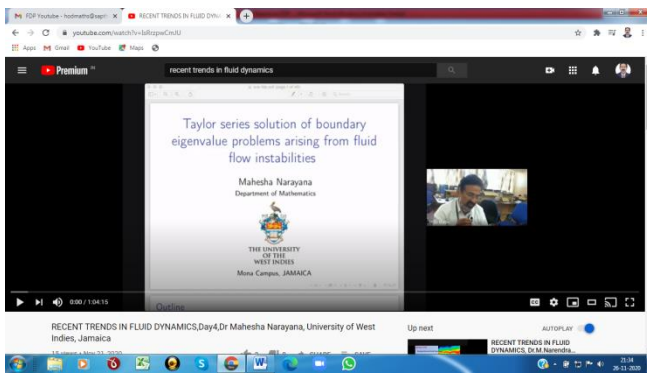
Day 4 : 20 – 11 – 2020



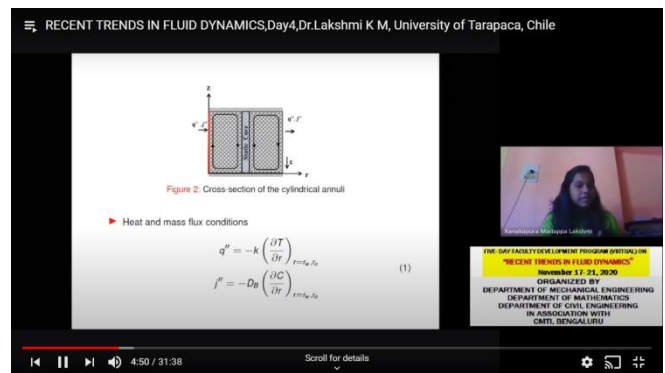
Lecture 9 : Dr. Sankar M



Lecture 10 : Dr. Manjunath S



Lecture 11 : Dr. Mahesha Narayana



Lecture 12 : Dr. Lakshmi K M

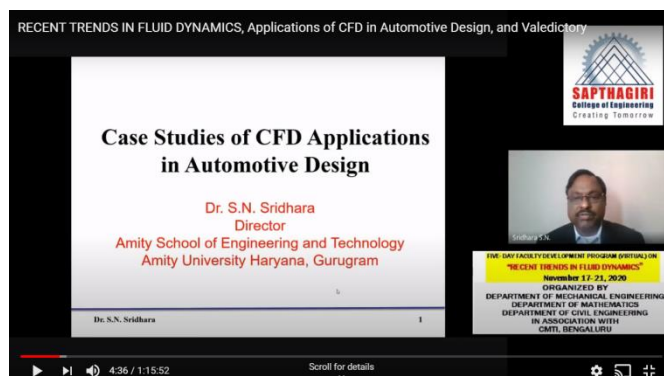
Day 5 : 21 – 11 – 2020



Lecture 13 : Dr. Meenakshi Nerolu



Lecture 14 : Dr. S Pranesh

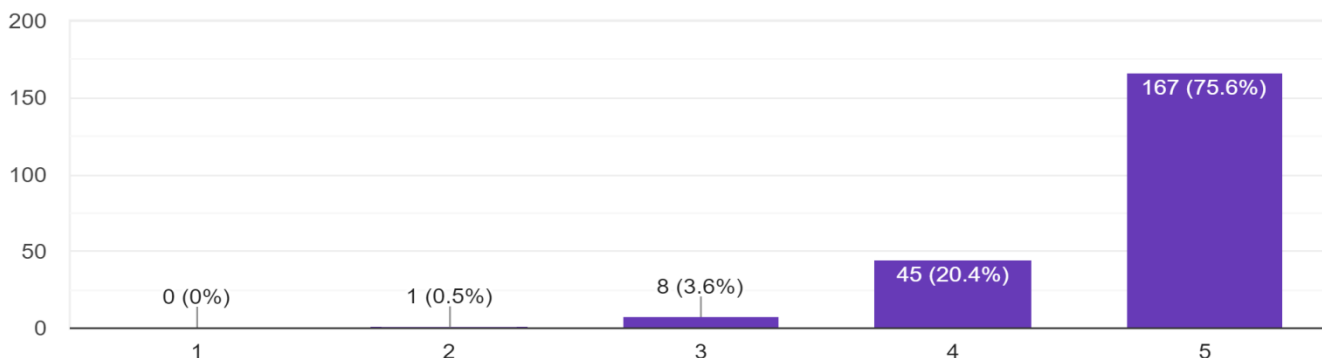


Lecture 15 : Dr. Shridhar S N

FEEDBACK- FIVE - DAY FACULTY DEVELOPMENT PROGRAM (VIRTUAL) ON“RECENT TRENDS IN FLUID DYNAMICS” November 17- 21, 2020

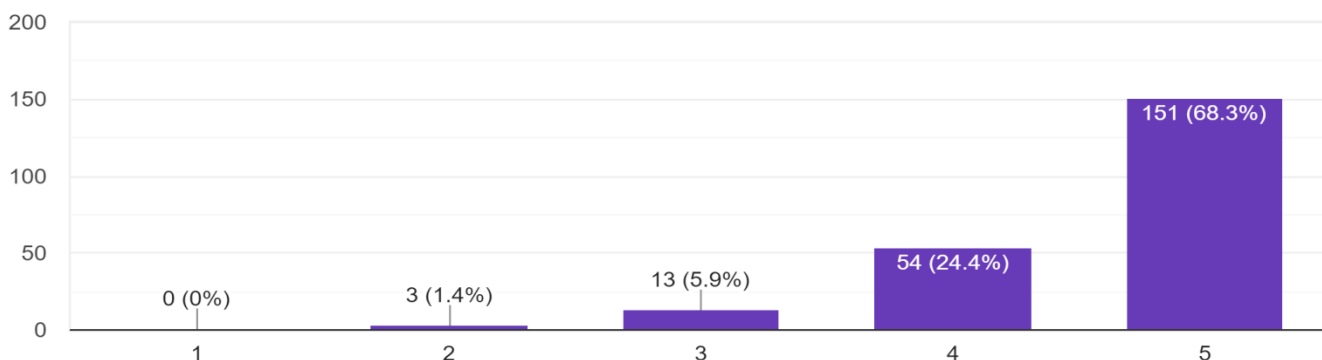
How satisfied were you with the FDP?

221 responses

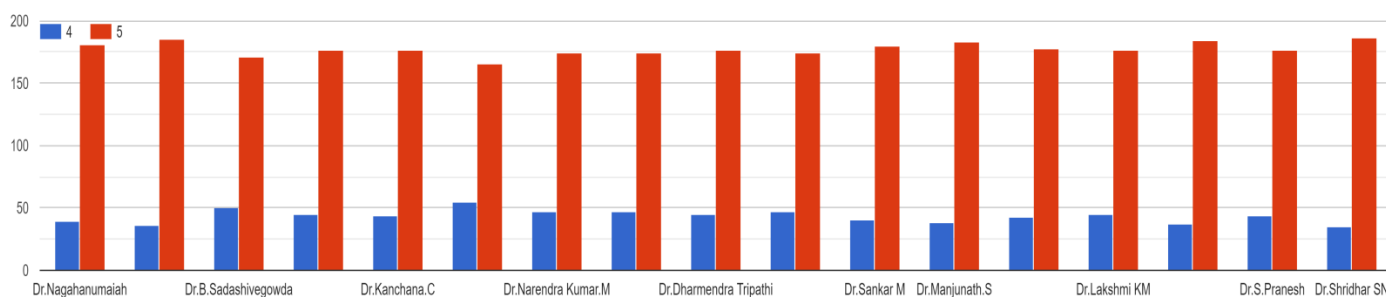


How relevant and helpful do you think FDP was for your Teaching?

221 responses



How satisfied were you with the Sessions? 4= Satisfied 5 = Very satisfied





SAPTHAGIRI COLLEGE OF ENGINEERING

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ISO 9001 – 2015 & ISO14001 – 2015 Certified

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057.

Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

Phone: 080-28 372800/1/2 Fax: 080-28 372797

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	Introduction to CFD
Date of Organization	19-11-2020
Venue (with address)	Academic Block (College Campus) Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Main Road, Bengaluru -560057
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol style="list-style-type: none">1. To introduce the basic concepts of CFD to student.2. To expose the students with need and applications of CFD3. To provide information on the use of CFD in fluid flow analysis.4. To provide an opportunity to students to interact with expert on CFD..
Participants	The program was organized by the department of Mechanical Engineering and around 75 students participated in the event.
Mention organized /participated/attended	Same as above

Event Description:

A Webinar on “ Introduction to CFD was organized by the department of Mechanical Engineering on 19/11/2020. The resource person Dr Narendra Kumar M, JIT, Bengaluru introduced the fundamental concepts of Computational Fluid Dynamics to students of 5th and 7th Semester students of Mechanical Engineering Around 75 students participated in the webinar and interacted with the resource person.

Images: Enclosed

Mapping of POs with the activity conducted

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	1	1									3

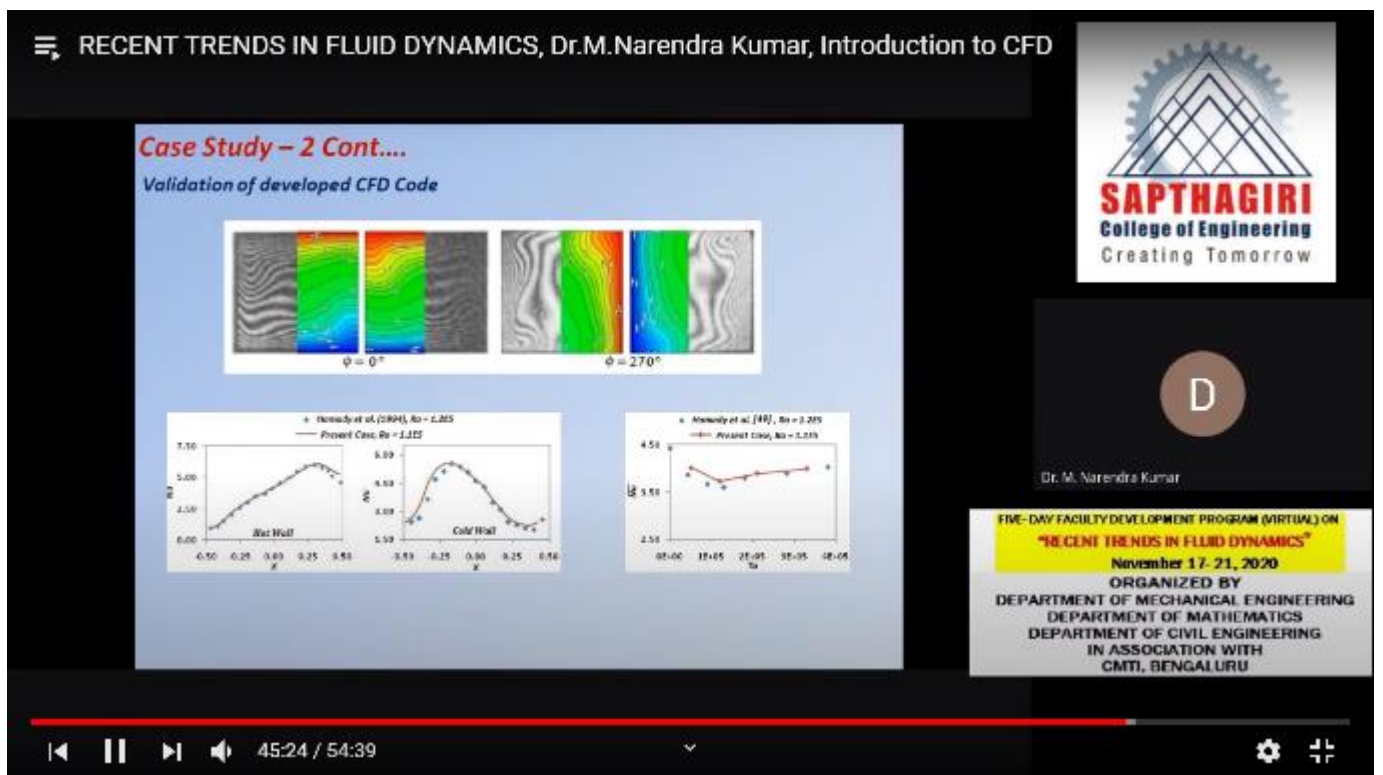
*Type of activity: Technical Talk

Date of Submission: 02/12/2020

Signature of the HoD

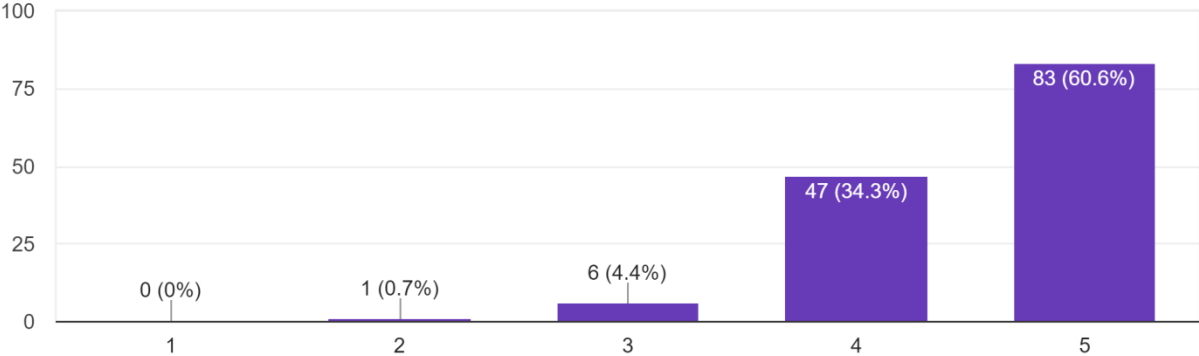


Images from the session

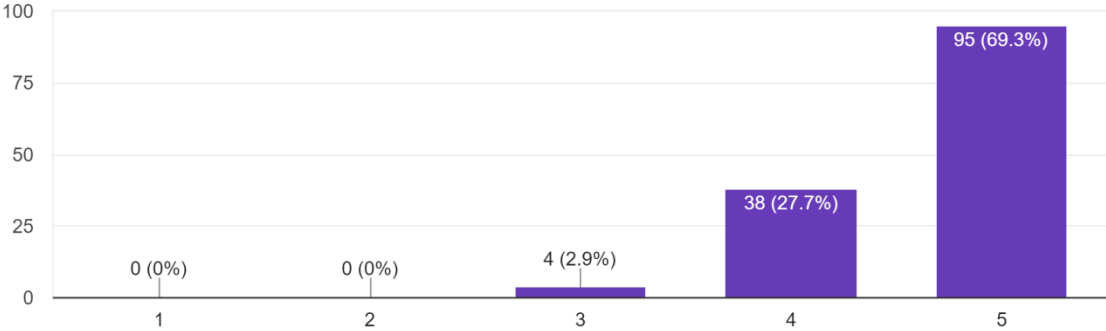


Feedback Received: 67

How satisfied were you with the overall content of the webinar
137 responses



How well was the webinar structured?
137 responses





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Phone: 080-28 372800/1/2 Fax: 080-28 372797

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	General Aspects of CFD
Date of Organization	19-11-2020 2, 2 to 3.30 PM
Venue (with address)	Academic Block (College Campus) Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Main Road, Bengaluru -560057
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol style="list-style-type: none"> 1. To introduce the basic concepts of CFD to student. 2. To expose the students with need and applications of CFD 3. To provide information on the use of CFD in fluid flow analysis. 4. To provide an opportunity to students to interact with expert on CFD..
Participants	The program was organized by the department of Mechanical Engineering and around 47 students participated in the event.
Mention organized /participated/attended	Same as above

Event Description:

A Webinar on “ General Aspects of CFD” was organized by the department of Mechanical Engineering on 19/11/2020. The resource person Dr Ramanarasimha K, Principal, KSSEM, Bengaluru Bengaluru introduced basic concepts of Fluid Mechanics and then explained the need, application and concepts related to CFD to students of 5th and 7th Semester students of Mechanical Engineering Around 47 students participated in the webinar and interacted with the resource person.

Images: Enclosed

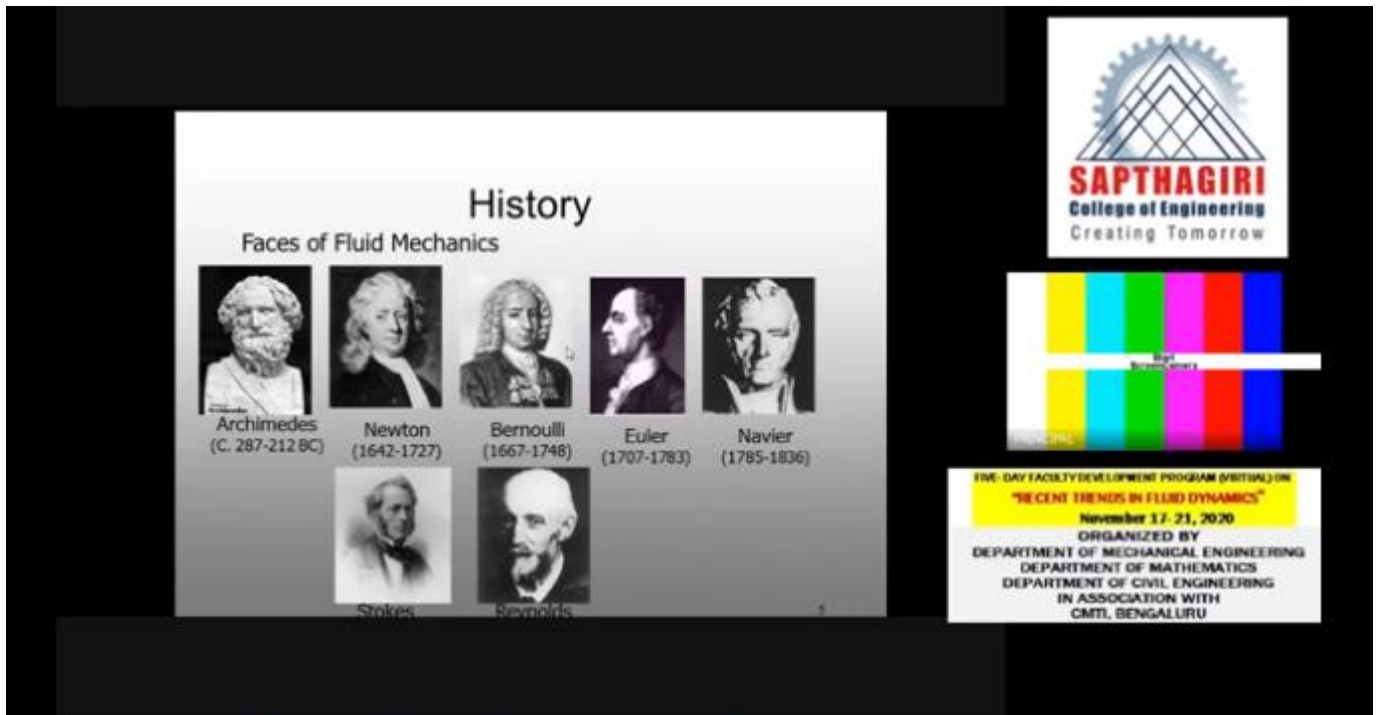
Mapping of POs with the activity conducted

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	1	1									3

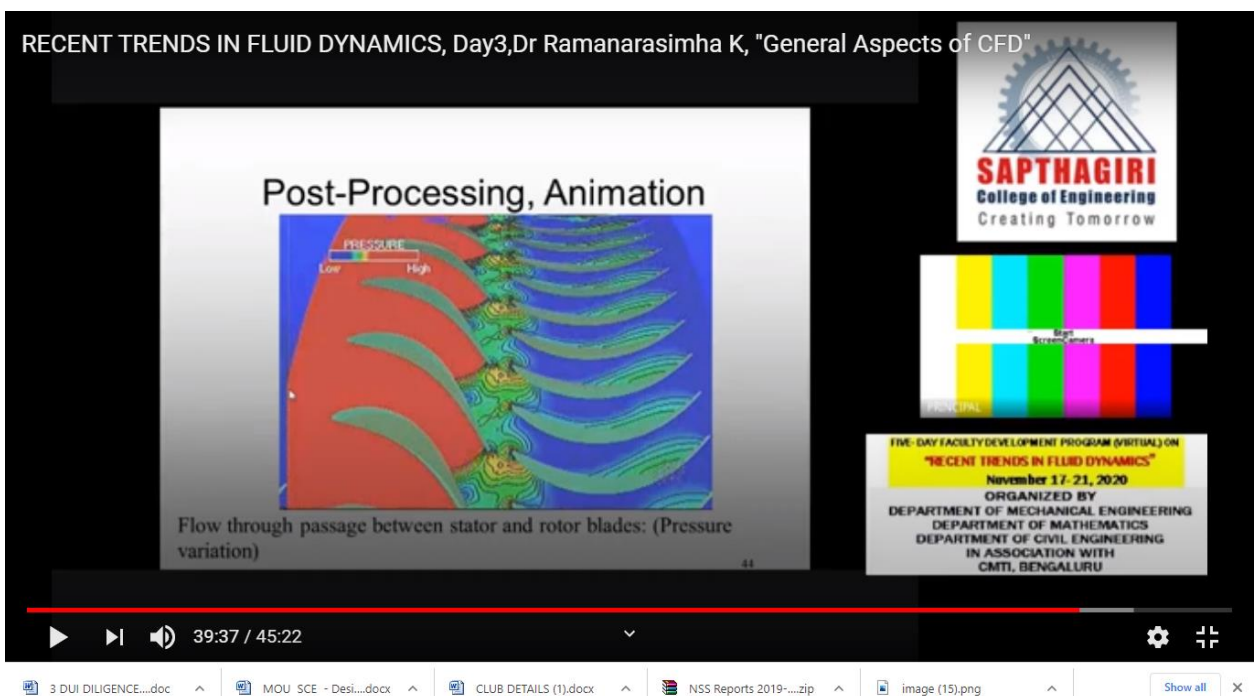
***Type of activity: Technical Talk**

Date of Submission: 02/12/2020

Signature of the HoD



Images from the session





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Phone:080-28 372800/1/2 Fax: 080-28 372797

*Type of event/activity	Technical Talk
Name/Title of the Activity/Event	Applications of CFD in Automotive Design
Date of Organization	21-11-2020
Venue (with address)	Academic Block (College Campus) Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Main Road, Bengaluru -560057
Organized by	DEPARTMENT OF MECHANICAL ENGINEERING
Objectives of the event/activity	<ol style="list-style-type: none"> 1. To introduce the various applications of CFD to student. 2. To expose the students with role of CFD in Automotive Design. 3. To provide information on the use CFD softwares in Automotive design and analysis. 4. To provide an opportunity to students to interact with expert on CFD..
Participants	The program was organized by the department of Mechanical Engineering and around 31 students participated in the event.
Mention organized /participated/attended	Same as above

Event Description:

A Technical talk on “ Applications of CFD in Automotive Design “ was organized by the department of Mechanical Engineering on 21/11/2020. The resource person Dr Sridhar S N, Amity University, Gurugram explained on applications of CFD in Automotive sector and discussed about the use of softwares in Automotie design with students of 5th and 7th Semester students of Mechanical Engineering. Around 31 students participated in the webinar and interacted with the resource person.

Images: Enclosed

Mapping of POs with the activity conducted

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	1	1		1							3

***Type of activity: Technical Talk**

Date of Submission: 02/12/2020

Signature of the HoD



FIVE-DAY FACILITY DEVELOPMENT PROGRAM (VIRTUAL) ON
"RECENT TRENDS IN FLUID DYNAMICS"
 November 17- 21, 2020
 ORGANIZED BY
 DEPARTMENT OF MECHANICAL ENGINEERING
 DEPARTMENT OF MATHEMATICS
 DEPARTMENT OF CIVIL ENGINEERING
 IN ASSOCIATION WITH
 CMTI, BENGALURU

Images from the session



FIVE-DAY FACILITY DEVELOPMENT PROGRAM (VIRTUAL) ON
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