

One Week AICTE-ISTE Online Refresher Program
on

‘Thermal Engineering’ (Phase-2)

17/03/2021 to 23/03/2021

Sponsored by AICTE-ISTE, New Delhi

Proceedings of Phase-2



ESTD: 1986



Organized by

Department of Mechanical Engineering

Kalpataru Institute of Technology

(Affiliated to VTU, Belagavi and Recognized by AICTE, New Delhi)

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Treasurer KVS



Sri. T S Shivaprasad

Refresher Program on
'Thermal Engineering' (Phase-2)
17/03/2021 to 23/03/2021
Organized by



Department of Mechanical Engineering

Kalpataru Institute of Technology

Tiptur, Karnataka-572 201

Program Coordinator

Dr. Viswanatha B M

Professor & HOD

Department of Mechanical Engg

Convenor

Dr. G D Gurumurthy

Principal

KIT, Tiptur

Acknowledgement

We express our sincere gratitude to **Sri P K Thipperudrappa**, President, KVS, Tiptur, all office bearers and **Dr. Gurumurthy**, Principal, KIT, Tiptur for their constant support and encouragement in conducting One Week AICTE-ISTE Refresher Program on **‘Thermal Engineering’ (Phase-2)** from 17/03/2021 to 23/03/2021.

We express our heartfelt thanks to AICTE, ISTE New Delhi and VTU Belagavi for infusing life into this One Week AICTE-ISTE Refresher Program on **‘Thermal Engineering’ (Phase-2)**.

We feel exhilarated to express our sincere thanks to the advisory committee, faculties, and the staff of KIT for their invaluable support and whole hearted cooperation right from the conceptual stage to the successful execution of this programme.

We appreciate involvement of participants and thank them for sparing their valuable time for this online session. We are sure that by participating in the session they will gain useful knowledge and innovative ideas related to thermal engineering.

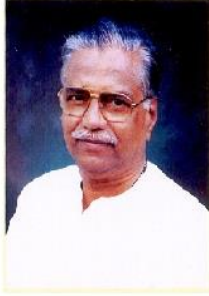
We thank all others who have extended their help directly or indirectly to the success of this One Week AICTE-ISTE Refresher Program on **‘Thermal Engineering’ (Phase-2)**.

Program Coordinator

Dr. Viswanatha B M
Professor & HOD
Department of Mechanical Engg

Convenor

Dr. G D Gurumurthy
Principal
KIT, Tiptur



Sri P K Thipperudrappa

President, KVS

It is pleasure that the Department of Mechanical Engineering successfully conducted One Week AICTE-ISTE Refresher Program on Thermal Engineering Phase -1. It provided a great platform for researchers working in thermal related areas of Mechanical Engineering. I am sure that **Phase-2** will also promote the faculties and researchers for gaining their knowledge on recent advancements in **Thermal Engineering** and bring enhancement to their career.

I wish this One Week AICTE-ISTE Refresher Program on **Thermal Engineering (Phase-2)** a great success.



Sri. T S Shivaprasad

Treasurer, KVS

I heartily congratulate all the organizing committee members for successful completion of One Week AICTE-ISTE Refresher Program on Thermal Engineering (Phase-1).

My best wishes to all the coordinators and participants for this One Week AICTE-ISTE Refresher Program on **Thermal Engineering (Phase-2)**. I congratulate department of Mechanical Engineering for organizing this program and wish a grand success. Wish to see a lot more such programs from the Department in the future.

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Dr. G D Gurumurthy
Principal
Kalpataru Institute of Technology
Tiptur

I am happy to note that the department of Mechanical Engineering completed One Week AICTE-ISTE Refresher Program on **Thermal Engineering (Phase-1)** with great pleasure. The resource persons invited were from prestigious institutions and organizations with a vast knowledge related to thermal engineering topics. Participants from all over India were benefitted by attending this program.

I congratulate department of Mechanical Engineering for organizing this program and wish them a grand success for **Thermal Engineering (Phase-2)** Program.



Dr. Viswanatha B M
Professor & Head
Dept. of Mechanical Engg.
KIT, Tiptur

As Department of Mechanical Engineering organized one week online **Refresher Program On Thermal Engineering (Phase-1)** sponsored by AICTE-ISTE, New Delhi. Over 80 participants received certificates by completing the program successfully, followed by objective test. With the positive response and feedback from the participants, we hereby are preceding for **PHASE-2**. I hope this program shares out the knowledge to every participants and to make effective use of it. I am very much thankful to Authorities of AICTE-ISTE and resource persons, participants, office bearers of Kalpataru Vidya Samsthe and principal of esteemed organization. All the best for the program.

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Dr.T M Chandrashekhariah

Professor

Dept. of Mechanical Engg.

KIT, Tiptur

I am happy that the Department of Mechanical Engineering KIT, Tiptur conducted AICTE-ISTE Refresher Program on **Thermal Engineering (Phase-1)** and was successful. I am sure that all the participants of Mechanical Engineering Department boosted their knowledge in thermal related fields and are benefitted to maximum.

As a faculty coordinator it is a great pleasure to organize **(Phase-2)** program sponsored by AICTE-ISTE New Delhi. I am seeking the same co-ordination and support from all the resource persons, participants and faculty members of Department of Mechanical Engineering. My best wishes to all the participants.

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N H 206, Tiptur – 572202



Department of Mechanical Engineering



Invitation for Virtual Inauguration of
One Week AICTE-ISTE Refresher Program

on

“Thermal Engineering”
(Phase - 2)

On

March 17th to 23rd, 2021



Chief Guest

: Prof. Pratapsinh Kakaso Desai
President, ISTE, New Delhi

Guests of Honor

: Dr. Shrinivas S Balli
Vice Chancellor, Nrupathunga University, Bengaluru.

President

: Sri. P.K. THIPPERUDRAPPA,
President, KVS, Tiptur

Patrons :

Vice Presidents, KVS

Sri. S.S. Nataraj
Sri.G.K. Prabhu

Secretaries, KVS

Prof. Rajakumar
Sri.K.P.Rudramuniswamy
Sri.T.U. Jagadeeshmurthy

Treasurer, KVS

Sri. T.S. Shivaprasad

Program Coordinator

Dr. Viswanatha B M, HOD, ME

Convener

Dr. G.D. Gurumurthy, Principal

Faculty coordinators:

Dr. T M Chandrashekhariah, Prof. T S Siddalingaprasad, Prof. Ajay.C.K

All are cordially invited

HOD and Staffs, Department of Mechanical Engineering

Date: **March 17th, 2021**

Time: **9:30 am**

Venue : KIT Admin block

About Organizing Institute

Kalpataru Institute of Technology (KIT) is a part of KVS, the mother institution. KIT was established in 1986 with a view to provide technical education. The college is affiliated to Visvesvaraya Technological University, Belagavi and is recognized by All India Council for Technical Education (AICTE), New Delhi. The 35 year old college has an excellent team of qualified, experienced and dedicated faculty members with the state of the art infrastructure. The college campus is located on the outskirts of the town at a distance of about 2 km. from Railway station and Bus Stand.

About the Department

The Department of Mechanical Engineering was established in the year 1992 with an initial intake of 30 which further was enhanced in two stages to 60 first and then to 120. The department is currently headed by Dr. B M Viswanatha, Professor & HOD. The department has well experienced, highly qualified and committed faculty members. The department has three Professors with Ph.D degree. The Department has research center recognized by VTU Belagavi. Many faculties are pursuing Ph.D in R&D Center of the department. The R & D centre have received Rs. 20 lakhs grant to setup Tribological study research laboratory and Rs. 30 lakhs grant to set up Energy Conversion Engineering research laboratory from VGST(Vision Group of Science and Technology) Govt. of Karnataka. The department organizes symposiums, workshops and seminars under Mechanical Engineering Association (MEA) every year.

About AICTE

In accordance with the provisions of the AICTE Act (1987), for the first five years after its inception in 1988, the Minister for Human Resource Development, the Government of India, was the Chairman of the Council. The first full-time Chairman was appointed on July 2, 1993 and the Council was reconstituted in March 1994 with a term of three years. The Executive Committee was re-constituted on July 7, 1994 and All India Board of Studies and Advisory Boards were constituted in 1994-95. Regional Offices of the Ministry of Human Resource Development, the Government of India, located in Kolkata, Chennai, Kanpur, and Mumbai were

transferred to AICTE and the staff working in these offices were also deputed to the Council on foreign service terms w.e.f. October 1, 1995.

These offices functioned as secretariats of regional Committees in the four regions (North, East, West and South). Three new regional Committees in southwest, central, and northwest regions with their secretariats located in Bangalore, Bhopal, and Chandigarh, respectively, were also established on July 27, 1994. One more regional committee in South-Central region with its Secretariat in Hyderabad was notified on March 8, 2007.

About ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 124024 Life Members, 5 lakh Student members, 2734 Institutional Members, 1369 Faculty Chapters, 1479 Student Chapters at institutional level and 17 Sections at State level.

Objectives of FDP

- To provide a platform for interaction with experts of different knowledge domains
- Faculty development programs (FDPs) have proven to be successful for improving teaching skills in higher education.
- To update the faculty members, research scholars and industry professionals about the current ongoing research in the field of Thermal Engineering and related areas.
- This FDP also helps to develop innovational thoughts, knowledge on interactions of industry and institute.
- To impart knowledge on fundamental & advanced concepts of Thermal Engineering.

Chief Patron

President KVS

Sri P. K. Thipperudrappa

Patrons

Vice President KVS

Sri. S S Natraj

Sri. G K Prabhu

Secretaries KVS

Prof. Rajakumar

Sri. K P Rudramuniswamy

Sri. T U Jagadeeshamurthy

Treasurer KVS

Sri. T S Shivaprasad

Convenor

Dr. G D Gurumurthy

Principal, KIT, Tiptur

Program Coordinator

Dr. Viswanatha B M

Professor & HOD

Dept. of Mechanical Engg.

Advisory Committee

Prof. Anil D. Sahasrabudhe, Chairman, AICTE, New Delhi
Dr. Karisiddappa, Vice Chancellor, VTU, Belagavi
Col. B Venkat, Director, Faculty Development cell, AICTE, New-Delhi
Prof. Vijay D. Vaidya, Executive Secretary, ISTE, New Delhi
Dr. Shrinivas S Balli, Vice Chancellor of Nrupathunga University, Bengaluru.
Dr. A S Deshpande, Registrar, VTU, Belagavi
Dr. B E Rangaswamy, Registrar (Evaluation), VTU, Belagavi
Dr. S Basavarajappa, Registrar, IIT Dharwad
Dr. S M Shashidhara, Former Principal, KIT, Tiptur
Dr. Rangaswamy T, Principal, GEC, Mosalehosahalli
Dr. Venkateswarulu, Principal Scientist, NAL, Bangalore
Dr. V V Katti Principal, K.L.S's VDIT, Haliyal
Dr. Irfan G Principal HMSIT, Tumkuru
Dr. P M Suresh ACS College of Engineering, Bangalore
Dr. Girish AMCE College, Bangalore
Dr. M Prasanna Kumar, UBDTCE-Davanagere
Dr. Shasikantha Karinka, NMAMIT, Nitte
Dr. Mahadevaswamy PSCE, Bangalore
Dr. D P Girish, GEC, Ramanagar
Dr. Mrunthunjaya M, JSSATE, Bangalore
Dr. B P Shikvakumar, JSSATE, Bangalore
Dr. Kanchiraya S, GEC, Hassan
Dr. Mahesh T S, GEC, Hassan
Dr. H S Shivashankar, SIT, Tumkur

Program Coordinator

Dr. Viswanatha B M

Professor & HOD

Dept. of Mechanical Engg.

Faculty Coordinators

Dr. T M Chandrashekhariah

Prof. T S Siddalingaprasad

Prof. Ajay.C.K

Organizing Committee

Dr. Kiran T S

Prof. Eswariah K S

Prof. Aradhya S M

Prof. Mallikarjuna G B

Prof. Deepak kumar N Y

Prof. Mamata Sarangamath

Prof. Rohith kumar H V

Prof. Dileep H B

Prof. Mahanthesh G

Prof. Sandeep K

Prof. Harikesh C R

Prof. Naveen Kumari M E

Prof. Brijesh C

Prof. Anil K

Compiled by:

Prof. Mamata Sarangamath

Prof. Naveen Kumari M E

Resource Persons

Dr. Shrinivas S Balli, Vice Chancellor of Nrupathunga University, Bengaluru.

Dr. Vadiraj Katti, Principal, K.L.S's V.D.I.T, Haliyal

Dr. Rajesh M System Manager, Propulsion Systems-TAPAS, DRDO, Bangalore

Dr. C K Umesh Professor, UVCE, Bangalore

Dr. Ishwar V Basavaraddi, Director, Morarji Desai National Institute of Yoga, Ministry of Ayush. GOI

Dr. Narendranath S, NITK, Surathkal.

Dr. Poornesh kumar K, NITK, Surathkal.

Dr. Prem Kumar S, SDM, Ujire.

Dr. N R Banapurmath, BVBCCE, Hubli.

Dr. Giridhar Babu, Principal Scientist, NAL, Bangalore.

Dr. V S Yaliwal, SDM, Dharwad

Dr. Gowreesh S, JSSATE, Bangalore

Dr. Gnanashekhar, NITK, Surathkal

Dr. Viswanatha B M, Prof. & Head, KIT, Tiptur

Dr. Bhaskar H B, SSIT, Tumkur,

Dr. Anish.S, NITK, Surathkal.

Dr. Arun S B, SIT, Tumkur

Session schedules				
Date :17/03/2021 Wednesday				
Sessions	Time	Resource Persons	Topics	Address
1	9.30-11.00 am	Inaugural Function		
2	11.30-1.00 pm	Dr.Narendranath S	Heat Transfer of shape memory alloys	NITK Surathkal
3	2.30–4.00 pm	Dr. Rajesh M	Engine /Airframe Integration Aspects in UAVs	System Manager DRDO Bangalore
Date :18/03/2021 Thursday				
1	9.30-11.00 am	Harikesha C R	Energy Scenario Overview of Solar Energy Conversion Devices and Applications	KIT Tiptur
2	11.30-1.00 pm	Dr. Ishwar V. Basavaraddi	YOGA Health & Meditation	Director MDNI of YOGA Ministry of Ayush, GOI
3	2.30 – 4.00 pm	Dr. C K Umesh	New Advanced Research in Heat Transfers	Professor UVCE, Bangalore
Date :19/03/2021 Friday				
1	9.30- 11.00am	Dr. Poornesh kumar K	Convectional & Hybrid Electric Power Trains	NITK Surathkal.
2	11.30-1.00pm	Dr. Prem Kumar S	Solar Dryer	SDM, Ujire.
3	2.30– 4.00pm	Dr. N R Banapurmath	Nano Materials for energy cooling and structural applications	BVBCE, Hubli

Session schedules				
Date :20/03/2021 Saturday				
Sessions	Time	Resource Persons	Topics	Address
1	9.30-11.00 am	Dr. Giridhar babu	Gas turbine heat transfer activities	Principal Scientist NAL, Bangalore
2	11.30-1.00pm	Dr. Bhaskar H B	I C Engines	SSIT Tumkur
3	2.30– 4.00 pm	Dr. Gowreesh S	Advances in CFD	JSSATE Bangalore
Date :22/03/2021 Monday				
1	9.30 -11.00am	Dr. Gnanashekhar	Fluid flow and heat transfer studies on high porosity metal foam.	NITK Surathkal
2	11.30-1.00pm	Dr. V S Yaliwal	Effect of gaseous fuel in the combustion and emission characteristics in diesel engine operated on dual fuel mode	SDM Dharwad
3	2.30 –4.00 pm	Dr. Viswanatha BM	Gas power cycles	Prof. & Head KIT, Tiptur
Date :23/03/2021 Tuesday				
1	9.30-11.00 am	Dr. Anish S	Wet compression In gas turbine Engine	NITK Suratkal
2	11.30-1.00pm	Dr. Arun S B	Bio diesel as an alternative fuel.	SIT Tumkur
3	2.30– 4.00pm	Valedictory Function and Test		

Speaker:



Dr. Narendranath S

NITK

Surathkal

Topic: Heat Transfer of shape memory alloys

Date: 17/03/2021 **Link:** <https://meet.google.com/qci-vzcc-cuw>

- Highlights:**
- Introduction
 - History of SMAs
 - SMA requirements
 - Properties and composition control
 - Precise characterization technologies

Speaker:



Dr. Rajesh M

System Manager

Propulsion Systems -TAPAS, DRDO, Bangalore

Topic: Engine /Airframe Integration Aspects in UAVs

Date: 17/03/2021 **Link:** <https://meet.google.com/iap-ubgs-pnx>

- Highlights:**
- Unmanned aerial vehicles
 - Introduction to engine selection
 - Challenges in mechanical integration
 - Challenges in electrical interfacing
 - Basics of engine control

Speaker:



Hariksha C R

Assistant Professor, KIT, Tiptur

Topic: **Energy Scenario-Overview of Solar Energy Conversion Devices and Applications**

Date: 18/03/2021 **Link:** <https://meet.google.com/ynm-kdof-vpa>

- Highlights:**
- Introduction to energy
 - Understanding heat movement
 - Evacuated tube solar water heater
 - Flat plate collector for air heating
 - Grid connected system

Speaker:



Dr. Ishwar V. Basavaraddi

Director, Morarji Desai National Institute of YOGA

Ministry of Ayush. Govt of India.

Topic: **YOGA Health & Meditation**

Date: 18/03/2021 **Link:** <https://meet.google.com/gkk-dfhi-wox>

- Highlights:**
- Salient features of yoga
 - Role of yoga in health and well being
 - States of consciousness
 - Sharer and kosha
 - Yogic cleansing practices

Speaker:



Dr. C K Umesh

Professor

UVCE, Bangalore

Topic: **New Advanced Research in Heat Transfers**

Date: 18/03/2021 **Link:** <https://meet.google.com/eqs-vend-hyx>

- Highlights:**
- Flow visualization
 - Understanding fluid flows
 - Methods of flow measurements
 - Computational fluid dynamics
 - Gas turbine blade cooling

Speaker:



Dr. Poornesh kumar K

NITK

Surathkal.

Topic: **Topic: Convectonal & Hybrid Electric Power Trains**

Date: 19/03/2021 **Link:** <https://meet.google.com/qwu-hxuy-byu>

- Highlights:**
- Introduction and Design thinking
 - Faster adoption and manufacturing of hybrid and EV (FAME)II
 - Electric vehicle ecosystem
 - Electric and conventional power trains
 - Comparisons

Speaker:



Dr. Prem Kumar S

SDM, Ujire.

Topic: Solar Dryer

Date: 19/03/2021 **Link:** <https://meet.google.com/amx-gxqu-jch>

- Highlights:**
- Solar energy and availability
 - Hunger and food wastage
 - Introduction and design considerations of Solar Dryer
 - Drying mechanism
 - Drying models

Speaker:



Dr. N R Banapurmath

BVBCE, Hubli.

Topic: Nano Materials for energy cooling and structural applications

Date: 19/03/2021 **Link:** <https://meet.google.com/wsp-uder-zhe>

- Highlights:**
- Comparison between European and Bharath stage
 - Production and storage of hydrogen
 - Differences between Macro-Micro-Nano
 - Nano and nature
 - Nano biodiesel preparation

Speaker:



Dr. Giridhar Babu

Principal scientist, NAL, Bangalore

Topic: Gas turbine heat transfer activities

Date: 20/03/2021 **Link:** <https://meet.google.com/ict-tthk-ppx>

- Highlights:**
- Gas turbine heat transfer research activities
 - Different gas turbine engines
 - Need for turbine blade cooling
 - Film cooling concept
 - Instrumentation details of impingement

Speaker:



Dr. Bhaskar H B

SSIT, Tumkur

Topic: I C Engines

Date: 20/03/2021 **Link:** <https://meet.google.com/izq-uhqw-dhm>

- Highlights:**
- Alternative fuels for CIDI engines
 - Methods to improve performance of diesel engines
 - Types of alternative fuels
 - Why bio diesel and nano particle?
 - Why bio diesel and acetylene gaseous fuel?

Speaker:



Dr. Gowreesh S

JSSATE, Bangalore

Topic: Advances in CFD

Date: 20/03/2021 **Link:** <https://meet.google.com/wrp-pdjo-uuq>

- Highlights:**
- Introduction, why CFD?
 - CFD modeling capabilities
 - How CFD works
 - Overview of CFD
 - Case studies ,CFD as a solver

Speaker:



Dr. Gnanasekaran

NITK, Surathkal

Topic: Fluid Flow and Heat Transfer Studies on High Porosity Metal Foam

Date: 22/03/2021 **Link:** <https://meet.google.com/kck-wmsz-awb>

- Highlights:**
- Introduction and motivation
 - Mixed convection through high porosity metal foams
 - Mixed convection through partially filled metal foams
 - A synergistic combination of thermal models
 - Numerical simulation of a horizontal pipe in the presence of metal foam

Speaker:



Dr. V S Yaliwal

SDM Dharwad

Topic: Effect of gaseous fuel on the combustion and emission characteristics in diesel engine operated on dual fuel mode

Date: 22/03/2021 **Link:** <https://meet.google.com/jxx-qyoo-zki>

- Highlights:**
- Engine used for dual fuel operation
 - Combustion process or combustion stages
 - Diesel knock
 - Bio fuels for diesel engine applications
 - Gasification

Speaker:



Dr. Viswanatha B M

Prof. & Head, KIT, Tiptur

Topic: Gas power cycles

Date: 22/03/2021 **Link:** <https://meet.google.com/ywb-ptyy-njz>

- Highlights:**
- Carnot gas power cycle
 - Otto cycle and diesel cycle
 - Comparison of otto, diesel and dual cycle
 - Methods for improvement of thermal efficiency of open cycle gas turbine plant
 - Intercooling and reheating

Speaker:



Dr. Anish S

NITK, Suratkal

Topic: Wet compression in gas turbine Engine

Date: 23/03/2021 **Link:** <https://meet.google.com/cew-pmyn-qdk>

- Highlights:**
- Power augmentation methods
 - Global trends and forecast
 - Principle: inlet fogging
 - Working principle : wet compression
 - wet compression: advantages and challenges

Speaker:



Dr. Arun S B

SIT, Tumkur

Topic: Bio diesel as an alternative fuel

Date: 23/03/2021 **Link:** <https://meet.google.com/ncc-ccvo-eba>

- Highlights:**
- Introduction
 - Scope for bio diesel in Karnataka
 - Non edible oil seeds
 - Bio diesel production
 - ASTM standards for fuel properties of biodiesel



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N H 206, Tiptur – 572202



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On

March 17th to 23rd , 2021



Chief Guest: Dr. M Prsanna Kumar
UBDTCE- Davanagere

President : Sri. P.K.THIPPERUDRAPPA,
President, KVS, Tiptur

Patrons:

Vice Presidents, KVS

Sri. S.S. Nataraj
Sri.G.K. Prabhu

Secretaries, KVS

Prof. Rajakumar
Sri.K.P.Rudramuniswamy
Sri.T.U. Jagadeeshmurthy

Treasurer, KVS

Sri. T.S. Shivaprasad

Program Coordinator

Dr. Viswanatha B M, HOD,ME

Convener

Dr. G.D. Gurusurthy, Principal

Faculty coordinators:

Dr. T M Chandrashekhariah, Prof. T S Siddalingaprasad, Prof. Ajay.C.K

All are cordially invited

HOD and Staffs, Department of Mechanical Engineering

Date: **March 23rd, 2021** Time: **2:30 pm**

Venue : KIT Admin block



Appendix-I

KALPATARU INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi) B.H Road, Tiptur – 572 201



Department of Mechanical Engineering

AICTE – ISTE Refresher Program on Thermal Engineering Phase-2, 17th to 23rd March 2021

Schedule of Sessions- Online (Google meet)						
Session - 1		Session - 2		Session - 3		
Sl. No.	Date	11.00am to 11.30am	11.30 to 1.00pm	1.00pm to 2.30pm	2.30 to 4.00pm	
1.	17.03.2021 Wednesday	Inaugural Function	Dr. Vadiraj Katti Principal, K.L.S's V.D.I.T, Haliyal Topic: Synthetic Jet cooling		Dr. Rajesh M System Manager, Propulsion Systems-TAPAS, DRDO, Bangalore Topic: Engine / Airframe Integration Aspects in UAVs	
2.	18.03.2021 Thursday	Dr. Narendranath S NITK, Surathkal. Topic: Heat Transfer of shape memory alloys	Dr. Ishwar V. Basavaraddi Director, Morarji Desai National Institute of Yoga Ministry of Ayush, Govt Of India. Topic: YOGA Health & Meditation	B R E A K		
3.	19.03.2021 Friday	Dr. Poornesh kumar K NITK, Surathkal. Topic: Convective & Hybrid Electric Power Trains	Dr. Prem Kumar S SDM, Ujire. Topic: Solar Dryer	L U N C H		
4.	20.03.2021 Saturday	Dr. Giridhar babu Principal Scientist, NAL, Bangalore Topic: Gas turbine heat transfer activities	Dr. Bhaskar H B SSIT, Tumkur Topic: I C Engines		Dr. N R Banapurmath BVBCE, Hubli. Topic: Nano Materials for energy cooling and structural applications.	
5.	22.03.2021 Monday	Dr. Gnanashekhar NITK, Surathkal Topic: Fluid flow and heat transfer studies on high porosity metal foam.	Dr. V S Yaliwal SDM, Dharwad Topic: Effect of gaseous fuel in the combustion and emission characteristics in diesel engine operated on dual fuel mode		Dr. Gowresh S JSSATE, Bangalore Topic: Advances in CFD	
6.	23.03.2021 Tuesday	Dr. Anish S NITK, Surathkal Topic: Wet compression In gas turbine Engine	Dr. Arun S B SIT, Tumkur Topic: Bio diesel as an alternative fuel.		Dr. Viswanatha B M Prof. & Head, KIT, Tiptur Topic: Gas power cycles	
				Valedictory Function and Test		

Faculty Coordinators

Dr. T M Chandrashekhariah
Professor
Dept of Mechanical Engg Ph: 9986618279

Prof. T S Siddalingaprasad

Associate Professor
Dept of Mechanical Engg. Ph: 9844023622

Prof. Ajay C K

Assistant Professor
Dept of Mechanical Engg. Ph: 9986804773

Program Coordinator: Dr. Viswanatha B M HOD &

Professor
Dept of Mechanical Engg. Ph: 8762018207

Convener

Dr. G. D. Gurumurthy
Principal,
KIT, Tiptur

Appendix - II

List of participants

Sl.No	Name	Designation	Name Of The Institute Or Organization
1.	Lakshmi V	Professor	Sambrama Institute of Technology Bangalore
2.	Mamata Sarangamath	Assistant Professor	Kalpataru Institute of Technology, Tiptur
3.	Sujit Deshmukh	Professor	Sandip Polytechnic
4.	Rohith Kumar H V	Assistant Professor	Kalpataru Institute of Technology, Tiptur
5.	Mallikarjuna G B	Assistant Professor	Kalpataru Institute of Technology , Tiptur
6.	Sandeep K	Assistant Professor	Kalpataru Institute of Technology, Tiptur
7.	Ajay C K	Assistant Professor	Kalpataru Institute of Technology, Tiptur
8.	Muniraju M	Associate Professor	Gec, Chamarajanagara
9.	Mahanthesh.G	Assistant Professor	Kalpataru Institute of Technology, Tiptur
10.	Ranganatha Y H	Assistant Professor	Srinivas Institute of Technology
11.	Akansha Srivastava	Assistant Professor	School of Management Sciences
12.	Dr Lokesh	Assistant Professor	RVITM
13.	Sharath N	Assistant Professor	BGSIT
14.	Praveen Math	Assistant Professor	Reva University
15.	Himanshu Minotra	Assistant Professor	Sms Institute of Technology Lucknow
16.	Vijaya Kumara V M	Assistant Professor	Bangalore Institute of Technology
17.	Sriharsha S R	Assistant Professor	C.I.T Gubbi
18.	Nagesh S B	Assistant Professor	Channabasaveshwara Institute of Technology
19.	Patil Gopal Bhaskar	Assistant Professor	KESRIT(Polytechnic),Pune
20.	P Mansoor	Assistant Professor	Sanskriti School of Engineering
21.	Rahul Harishchandra	Assistant Professor	Dr. Vikhe Patil Institute of Technology, Loni
22.	Naveen Kumari M E	Assistant Professor	Kalpataru Institute of Technology
23.	Abinash Behera	Assistant Professor	Majhighariani Institute of Technology
24.	Kiran Gowd M R	Assistant Professor	C. I. T
25.	Jani Dilip Batukray	Associate Professor	Government Engineering College, Dahod
26.	Shreehari Shalidar	Assistant Professor	Acharya Institute of Technology
27.	Rahul Singh	Assistant Professor	S.M.S.I.T. Lucknow
28.	Rajkumar Panchal	Associate Professor	Pg Moze College of Engineering Wagholi
29.	Ms.Renitha P	Assistant Professor	Immanuel Arasar JJ College of Engineering
30.	Umeshkumar Chavan	Assistant Professor	G.S.Mandal's Mit Polytechnic Rotegaon
31.	Varun K R	Assistant Professor	The Oxford College of Engineering
32.	Dr.Satheesha V	Associate Professor	Rajarajeswari College of Engineering
33.	Parashuram A K	Assistant Professor	KSIT Bangalore
34.	L.Mamundi Azaath	Assistant Professor	Mount Zion College of Engineering
35.	Dasari Vijay Kumar	Assistant Professor	Vaageswari College of Engineering
36.	Srikantgouda Patil	Assistant Professor	SKSVMACET
37.	Manohar Yadav C	Assistant Professor	HMSIT, Tumkur
38.	B.D.Wadekar	Assistant Professor	Rajarajeswari College of Engineering
39.	K S Madhu	Assistant Professor	Rajarajeswari College of Engineering
40.	Pankaj Kumar Yadav	Assistant Professor	Sms Lucknow
41.	T S Siddalingaprasad	Associate Professor	Kit Tiptur
42.	Guduri Tirupati Reddy	Assistant Professor	Vaageswari College of Engineering
43.	Assistant Professor	Assistant Professor	B G S I T
44.	Santhosh Kumar T C	Assistant Professor	B G S Institute of Technology
45.	Dr.TM.Chandrashekharaiiah	Professor	Kalpataru Institute of Technology
46.	Shivananda D C	Assistant Professor	PES Institute of Technology And Management

47.	Hanumesh Pujar	Assistant Professor	K L E Institute of Technology Hubli
48.	Praveen Harari	Assistant Professor	Sgmcoe Mahagaon
49.	Sushrut S. Halewadimath	Assistant Professor	K. L. E. Institute of Technology Hubballi
50.	Mahantesh K Marikatti	Assistant Professor	Sdm Cet Dharwad
51.	Vikram CK	Assistant Professor	PES College of Engineering Mandya
52.	Gopinath Suresh	Assistant Professor	SIET
53.	Mahesh G Kocharekar	Assistant Professor	Thakur Polytechnic
54.	Ashok Kumar K	Assistant Professor	Ramaiah Institute of Technology
55.	Dr Girish D P	Professor	Government Engineering College
56.	Sushma S	Assistant Professor	Channabasaveshwara Institute of Technology
57.	Vivek Pandey	Assistant Professor	Mody University Of Science And Technology
58.	Bharath M S	Assistant Professor	PES College of Engineering
59.	Mallikarjuna V Bidari	Assistant Professor	GM Institute of Technology
60.	Sridhar S	Assistant Professor	Akshaya Institute of Technology
61.	Nagunuri Rajkumar	Assistant Professor	Vaageswari College of Engineering
62.	Dr.Lokesh Kumar	Assistant Professor	Aku
63.	Sujana N	Assistant Professor	Pes College of Engineering
64.	Deepak Kumar N Y	Assistant Professor	Kalpataru Institute of Technology
65.	Dr.Shaila U Durgadsimi	Assistant Professor	Basaveshwar Engineering College
66.	Sanjay Koorse	Assistant Professor	Metropolitan Institute of Technology
67.	Dr. V. S. Yaliwal	Assistant Professor	SDM College of Engineering And Technology
68.	Shekasa Nadaf	Assistant Professor	Government Engineering College- Haveri
69.	Eswaraiah Ks	Associate Professor	Kalpataru Institute of Technology
70.	Dr Mahesh T S	Associate Professor	Government Engineering College Hassan
71.	Chinnahajisagari MdAkram	Assistant Professor	S.R.K. Institute of Technology
72.	Ajey C P	Assistant Professor	Pesitm
73.	Dr Manjunatha S S	Associate Professor	Govt Engineering College Haveri
74.	Dr.Kanchiraya S	Assistant Professor	Government Engineering College
75.	Dr. Devaraja P B	Associate Professor	Kalpataru Institute of Technology, Tiptur
76.	Hariksha C R	Assistant Professor	Kalpataru Institute of Technology
77.	Sagar HN	Assistant Professor	Sri Krishna Institute of Technology
78.	Manjula S	Assistant Professor	Government Engineering College Hassan
79.	Kumara B M	Assistant Professor	ACS College of Engineering
80.	Jonnala Subba Reddy	Associate Professor	Lakireddy Bali Reddy College of Engineering,
81.	Bharath V	Assistant Professor	SRIET Coimbatore
82.	Balaji.S	Assistant Professor	Reva University
83.	Nankar Amol Suresh	Professor	Snjb's S.H.H.J.B.Polytechnic, Chandwad
84.	Shashank Deo Nigam	Assistant Professor	School of Management Science
85.	Laxmikant B.Diwakar	Professor	S.E.S.Polytechnic
86.	Sandeep K	Assistant Professor	Acharya Institute of Technology
87.	Kamala Priya Bysani	Assistant Professor	Lakireddy Bali Reddy College of Engineering
88.	Sharadkumar	Assistant Professor	Sanskriti School of Engineering College
89.	Dr.Sangmesh	Assistant Professor	BMSITechnology And Management
90.	Lavakumar K S	Assistant Professor	Acharya Institute of Technology
91.	Srinidhi Acharya S R	Assistant Professor	Acs College of Engineering
92.	Abilash Desai	Assistant Professor	SDMCET
93.	Akshay S Bhat	Assistant Professor	Vidyavardhaka College of Engineering

Resource Persons

- Dr. Shrinivas S Balli
Vice Chancellor of Nrupathunga University, Bengaluru.
- Dr. Vadiraj Katti,
Principal, K.L.S.'s V.D.I.T, Haliyal
- Dr. Rajesh M
System Manager, Propulsion Systems-TAPAS, DRDO, Bangalore
- Dr. C K Umesh
Professor, UVCE, Bangalore
- Dr. Ishwar V. Basavaraddi
Director, Morarji Desai National Institute of Yoga Ministry of Ayush. Govt Of India.
- Dr. Narendranath S
NITK, Surathkal.
- Dr. Poornesh kumar K
NITK, Surathkal.
- Dr. Prem Kumar S
SDM, Ujire.
- Dr.N R Banapurmath
BVBCE, Hubli.
- Dr. Giridhar Babu
Principal Scientist, NAL, Bangalore.
- Dr. V S Yaliwal
SDM, Dharwad
- Dr. Gowreesh S
JSSATE, Bangalore
- Dr. Gnanashekhar
NITK, Surathkal
- Dr. Viswanatha B M
Prof. & Head, KIT, Tiptur
- Dr. Bhaskar H B
SSIT, Tumkur
- Dr. Anish.S
NITK, Surathkal.
- Dr. Arun SB, SIT, Tumkur

Appendix-III

Chief Patron

Sri P. K. Thipperudrappa
President KVS

Patrons

Vice President KVS

Prof. Rajakumar

Sri. K P Rudramuniswamy

Sri. T U Jagadeeshamurthy

Treasurer KVS

Convener

Dr. G D Gurumurthy

Principal, KIT, Tiptur

Program Coordinator

Dr. Viswanatha B M, HOD Mechanical Engg

Faculty Coordinators

Dr. T M Chandrashekhariah

Prof. T S Siddalingaprasad

Prof. Ajay.C.K

Organising Committee

Dr. Kiran T S

Prof. Eswariah K S

Prof. Aradhya S M

Prof. Mallikarjuna G B

Prof. Deepak Kumar N Y

Prof. Mamata Sarangamath

Prof. Rohith kumar H V

Prof. Dileep H B

Prof. Mahanthes G

Prof. Sandeep K

Prof. Harikesh C R

Prof. Naveen Kumari M E

Prof. Brijesh C

Prof. Anil K

One Week AICTE-ISTE Online
Refresher Program

On

‘Thermal Engineering’ (Phase-2)

17/03/2021 to 23/03/2021

Sponsored by AICTE-ISTE-New Delhi



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Organised by
**Department of
Mechanical Engineering**
KIT, Tiptur

Kalpataru Institute of Technology

(Affiliated to VTU, Belgavi and Recognized by AICTE, New Delhi)

B.H.Road, TIPTUR-572 201, Karnataka,

Ph: 08134-251267, Fax No: 08134-251939

www.kittiptur.ac.in

About Organizing Institute

Kalpataru Institute of Technology (KIT) is a part of KVS, the mother institution. KIT was established in 1986 with a view to provide technical education. The college is affiliated to Visvesvaraya Technological University, Belagavi and is recognized by All India Council for Technical Education (AICTE), New Delhi. The 34 year old college has an excellent team of qualified, experienced and dedicated faculty members with the state of the art infrastructure. The college campus is located on the outskirts of the town at a distance of about 2 km. from Railway station and Bus Stand.

About the Department

The Department of Mechanical Engineering was established in the year 1992 with an initial intake of 30 which further was enhanced in two stages to 60 first and then to 120. The department is currently headed by Dr. B M Viswanatha, Professor & HOD. The department is in optimum demand since its inception to till date. The department has well experienced, highly qualified and committed faculty members. The department has three Professors with Ph.D degree. The Department has research center recognized by VTU Belagavi. Many faculties are pursuing Ph.D in R&D Center of the department. The Research and Development department has received Rs. 20 lakhs grant to setup Tribological study research laboratory and Rs. 30 lakhs grant to set up Energy Conversion Engineering research laboratory from VGST Govt. of Karnataka. The department organizes symposiums, workshops and seminars under Mechanical Engineering Association (MEA) every year.

About AICTE

In accordance with the provisions of the AICTE Act (1987), for the first five years after its inception in 1988, the Minister for Human Resource Development, the Government of India, was the Chairman of the Council. The first full-time Chairman was appointed on July 2, 1993 and the Council was reconstituted in March 1994 with a term of three years. The Executive Committee was re-constituted on July 7, 1994 and All India Board of Studies and Advisory Boards were constituted in 1994-95. Regional Offices of the Ministry of Human Resource Development, the Government of India, located in Kolkata, Chennai, Kanpur, and Mumbai were transferred to AICTE and the staff working in these offices were also deputed to the Council on foreign service terms w.e.f. October 1, 1995.

These offices functioned as secretariats of regional Committees in the four regions (North, East, West and South). Three new regional Committees in southwest, central, and northwest regions with their secretariats located in Bangalore, Bhopal, and Chandigarh, respectively, were also established on July 27, 1994. One more regional committee in South-Central region with its Secretariat in Hyderabad was notified on March 8, 2007.

About ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 124024 Life Members, 5 lakh Student members, 2734 Institutional Members, 1369 Faculty Chapters, 1479 Student Chapters at institutional level and 17 Sections at State level.

Objectives of FDP

- ❖ To provide a platform for interaction with experts of different knowledge domains
- ❖ Faculty development programs (FDPs) have proven to be successful for improving teaching skills in higher education.
- ❖ To update the faculty members, research scholars and industry professionals about the current ongoing research in the field of Thermal Engineering and related areas.
- ❖ This FDP also helps to develop innovative thoughts, knowledge on interactions of industry and institute.
- ❖ To impart knowledge on fundamental & advanced concepts of Thermal Engineering

Advisory Committee

Prof. Anil D. Sahasrabudhe, Chairman, AICTE, New Delhi
Dr. Karisiddappa, Vice Chancellor, VTU, Belagavi
Col. B Venkat, Director, Faculty Development cell, AICTE, New-Delhi

Prof. Vijay D. Vaidya, Executive Secretary, ISTE, New Delhi
Dr. Shrinivas S Balli, Vice Chancellor of Nrupathunga University, Bengaluru.

Dr. A S Deshpande, Registrar, VTU, Belagavi
Dr. B E Rangaswamy, Registrar (Evaluation), VTU, Belagavi
Dr. S Basavarajappa, Registrar, IIT Dharwad
Dr. S M Shashidhara, Former Principal, KIT, Tiptur
Dr. Rangaswamy T, Principal, GEC, Mosalehosahalli
Dr. Venkateswarulu, Principal Scientist, NAL, Bangalore
Dr. V V Katti Principal, K.L.S's V.D.I.T, Haliyal
Dr. Irfan G Principal HMSIT, Tumkuru
Dr. P M Suresh ACS College of Engineering, Bangalore
Dr. Girish AMCE College, Bangalore
Dr. M Prasanna Kumar, UBDTCE-Davanagere
Dr. Shashikantha Karinka, NMAMIT, Nitte
Dr. Mahadevaswamy P, SCE, Bangalore
Dr. D P Girish, GEC, Ramanagar
Dr. Mrunthunjaya M, JSSATE, Bangalore
Dr. B P Shikvakumar, JSSATE, Bangalore
Dr. Kanchiraya S, GEC, Hassan
Dr. Mahesh T S, GEC, Hassan
Dr. H S Shivashankar, SIT, Tumkur

Registration

No registration fees (Maximum participants allowed: 100, on first come first serve basis). Preference will be given to ISTE life members. E-certificates will be given to the participants those who are satisfying the requirement of 80% or more attendance and 60% or more marks in quiz which will be conducted during/end of the FDP.

Eligibility

Faculty members and research scholars belonging to AICTE approved Institutions.

Important Dates

Last date for Registration : 14-03-2021
Confirmation of Seats : 15-03-2021

Registration Link:

<https://forms.gle/UwFsvn4VbhJCJr>
08

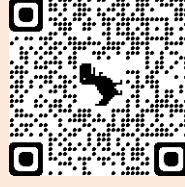


Photo Gallery



Inauguration of One Week AICTE- ISTE Refresher Program on Thermal Engineering (Phase-2) on 17/03/2021



Inauguration with office bearers



Valedictory function on 23/03/2021



Valedictory function with office bearers and Department of Mechanical Engineering staffs

ಮಕ್ಕಳ ಭವಿಷ್ಯ ರೂಪಿಸುವ ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆ

ತಿಪಟೂರು: ನಗರದ ಪ್ರದೇಶ ಅಷ್ಟೇ ಅಲ್ಲದೇ ಗ್ರಾಮೀಣ ಪ್ರದೇಶದ ಮಕ್ಕಳ ಭವಿಷ್ಯ ರೂಪಿಸುವ ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆ ಅತ್ಯುತ್ತಮ ವಿದ್ಯಾಸಂಸ್ಥೆಯಾಗಿದೆ ಎಂದು ಪ್ರೊ. ಪ್ರತಾಪ್ ಸಿನ್ಹ ಕೆಕೆಸೋ.ದೇಸಾಡಿ ಬಣ್ಣಿಸಿದರು.

ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದಲ್ಲಿ ಮೆಕಾನಿಕಲ್ ವಿಭಾಗದಲ್ಲಿ ಮಾ.23 ರವರೆಗೆ ನಡೆಯಲಿರುವ ಎರಡನೇ ಹಂತದ ರಿಪ್ರೇಶನ್ ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದರು.

ಸ್ವಪತುಂಗ ಮಹಾ ವಿದ್ಯಾಲಯದ ಉಪಕುಲಪತಿ ಡಾ.ಶ್ರೀನಿವಾಸ್ ಎಸ್ ಬಳ್ಳಿ ಮಾತನಾಡಿ, ಉನ್ನತ ಮಟ್ಟದಲ್ಲಿ ನಡೆಯಲಿರುವ ಕಾರ್ಯಕ್ರಮಗಳು ಇಂತಹ ಸಂಸ್ಥೆಯಲ್ಲಿ



ನಡೆಯುತ್ತಿರುವುದು ಉತ್ತಮ ಬೆಳವಣಿಗೆಯಾಗಿದೆ. ಗ್ರಾಮೀಣ ಪ್ರದೇಶದ ಮಕ್ಕಳು ತಮ್ಮ ಉಜ್ವಲ ಭವಿಷ್ಯವನ್ನು ರೂಪಿಸಿಕೊಂಡು ಸಮಾಜದ ಗಣ್ಯ ವ್ಯಕ್ತಿಗಳಾಗಿ ಬೆಳೆಯಲಿ ಎಂದು ಆಶಿಸಿದರು.

ಪ್ರೊ. ರಾಜಕುಮಾರ್ ಮಾತನಾಡಿ, ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದ ಹವಾನಿಯಂತ್ರಣ ತಂತ್ರಜ್ಞಾನ ವಿದ್ಯುತ್ ಉತ್ಪಾದನಾ ಕಾರ್ಯಗಾರ ಲೆಫ್ಟಿನೆಂಟ್ ಉತ್ತಾದನಗೆ ಸಹಕಾರಿಯಾಗಲಿದೆ

ಎಂದು ಹೇಳಿದರು. ಸಂಸ್ಥೆಯ ಖಜಾಂಚಿ ಟಿ.ಎಸ್. ಶಿವಪ್ರಸಾದ್ ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳು ಕಾಲೇಜಿಗೆ ಹಾಗೂ ತಂದೆ-ತಾಯಿಯರಿಗೆ ಕೀರ್ತಿ ತರುವಂತೆ ಸಲಹೆ ನೀಡಿದರು.

ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಬಿ.ಡಿ.ಗುರುಮೂರ್ತಿ ಮಾತನಾಡಿ, ಅನುದಾನದಡಿಯಲ್ಲಿ ಈ ಕಾರ್ಯಕ್ರಮ ನಡೆಸುತ್ತಿರುವುದು ಹಾಗೂ ತಿಪಟೂರಿನ್ ನವ್ಯ ಸಂಸ್ಥೆ ನವವಹಲಿಯಲ್ಲಿ ಹೆಸರುವಾಸಿಯಾಗಿರುವ ಸಂಸ್ಥೆಯ ಬಗ್ಗೆ ಹೆಮ್ಮೆಯನಿಸುತ್ತದೆ ಎಂದು ಹೇಳಿದರು.

ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆ ಯನ್ನು ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಪಿ.ಕೆ. ತಿಪ್ಪೇರುದ್ರಪ್ಪ ವಹಿಸಿ, ಮಾತನಾಡಿದರು. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಬಿ.ಎಂ. ವಿಶ್ವನಾಥ್, ಸಿದ್ದಲಿಂಗ ಪ್ರಸಾದ್, ಅಜಯ್ ಸಿ.ಕೆ., ಡಾ.ಟಿ.ಎಸ್. ಕಿರಣ್, ಡಾ.ಸಿ.ಎಂ. ಚಂದ್ರಶೇಖರಯ್ಯ, ಎಂಬಿಎ ಮುಖ್ಯಸ್ಥೆ ದೀಪ್ತಿ ಅಮಿತ್ ಚರಂತಿಮಠ ಉಪಸ್ಥಿತರಿದ್ದರು.

ತುಮಕೂರು ವಾರ್ಡ್

ಕಲ್ಪತರು ಸಂಸ್ಥೆಯಿಂದ ಗ್ರಾಮೀಣ ಮಕ್ಕಳ ಶಿಕ್ಷಣಕ್ಕೆ ಆದ್ಯತೆ

ತಿಪಟೂರು: ಕಲ್ಪತರು ಕಾಡು ತಿಪಟೂರಿನ ಕಲ್ಪತರು ವಿದ್ಯಾ ಸಂಸ್ಥೆ ಗ್ರಾಮೀಣ ಪ್ರದೇಶದ ಮಕ್ಕಳು ಹಾಗೂ ನಗರದ ಸುತ್ತಮುತ್ತಲ ಮಕ್ಕಳ ಭವಿಷ್ಯ ರೂಪಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿದ್ದ, ರಾಜ್ಯದ ಅತ್ಯುತ್ತಮ ವಿದ್ಯಾಸಂಸ್ಥೆಗಳಲ್ಲಿ ಮುಂಚೂಣಿಯಲ್ಲಿದೆ ಎಂದು ಪ್ರೊ. ಪ್ರತಾಪ್ ಸಿನ್ಹ ತಿಳಿಸಿದರು.

ನಗರದ ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ಮೆಕಾನಿಕಲ್ ವಿಭಾಗದಿಂದ ಹಮ್ಮಿಕೊಂಡಿದ್ದ ರಿಪ್ರೇಶನ್ ಕಾರ್ಯಕ್ರಮ ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿ, ಶಿಕ್ಷಣ ಸಂಸ್ಥೆ ಉತ್ತಮವಾಗಿದ್ದರೆ ಅಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಭವಿಷ್ಯವೂ ಉತ್ತಮವಾಗಿ ರೂಪುಗೊಳ್ಳುವುದರಲ್ಲಿ ಅನುಮಾನ ಇಲ್ಲ ಎಂದು.

ಸ್ವಪತುಂಗ ಮಹಾವಿದ್ಯಾಲಯದ ಉಪ ಕುಲಪತಿ ಡಾ.ಶ್ರೀನಿವಾಸ್ ಎಸ್ ಬಳ್ಳಿ



ಮಾತನಾಡಿ, ಉನ್ನತ ಮಟ್ಟದಲ್ಲಿ ನಡೆಯಲಿರುವ ಕಾರ್ಯಕ್ರಮಗಳು ಇಂತಹ ಸಂಸ್ಥೆಯಲ್ಲಿ

ನಡೆಯುತ್ತಿರುವುದು ಉತ್ತಮ ಬೆಳವಣಿಗೆ, ಗ್ರಾಮೀಣ ಪ್ರದೇಶದ ಮಕ್ಕಳು ತಮ್ಮ ಉಜ್ವಲ

ಭವಿಷ್ಯ ರೂಪಿಸಿಕೊಂಡು ಸಮಾಜದ ಗಣ್ಯ ವ್ಯಕ್ತಿಗಳು ಬೆಳೆಯಲಿ ಎಂದು ಹೇಳಿದರು.

ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಬಿ.ಡಿ.ಗುರುಮೂರ್ತಿ ಮಾತನಾಡಿ, ಅನುದಾನದಡಿಯಲ್ಲಿ ಈ ಕಾರ್ಯಕ್ರಮ ನಡೆಸುತ್ತಿರುವುದು ಹಾಗೂ ತಿಪಟೂರಿನ್ ನವ್ಯ ಸಂಸ್ಥೆ ನವವಹಲಿಯಲ್ಲಿ ಹೆಸರುವಾಸಿಯಾಗಿರುವ ಸಂಸ್ಥೆಯ ಬಗ್ಗೆ ಹೆಮ್ಮೆಯನಿಸಿ ಸುತ್ತ, ಸಂಸ್ಥೆಗೆ ನಮ್ಮ ಸಂಸ್ಥೆಯ ಪರವಾಗಿ ಅಭಿನಂದನೆಗಳು ಎಂದು ಹೇಳಿದರು.

ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಪಿ.ಕೆ.ತಿಪ್ಪೇರುದ್ರಪ್ಪ, ಪ್ರೊ.ರಾಜಕುಮಾರ್, ಖಜಾಂಚಿ ಟಿ.ಎಸ್.ಶಿವ ಪ್ರಸಾದ್, ಸಿದ್ದಲಿಂಗ ಪ್ರಸಾದ್, ಡಾ.ಟಿ.ಎಸ್.ಕಿರಣ್, ಡಾ.ಸಿ.ಎಂ.ಚಂದ್ರಶೇಖರಯ್ಯ, ಎಂಬಿಎ ಮುಖ್ಯಸ್ಥೆ ದೀಪ್ತಿ ಅಮಿತ್ ಚರಂತಿಮಠ ಇವರೂ ಇದ್ದರು.

Newspaper clippings about the program on 'Thermal Engineering'

ಬೋಧನಮಟ್ಟ ಸುಧಾರಣಾ ಕಾರ್ಯಾಗಾರ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ತಿಪಟೂರು: ಉಪನ್ಯಾಸಕರ ಉತ್ತಮ ಬೋಧನೆಗೆ ಹಾಗೂ ಶೈಕ್ಷಣಿಕ ಮಟ್ಟದ ಸುಧಾರಣೆಗೆ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಾಗಾರದ ಅನುಕೂಲತೆ ಎಂದು ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಪಿ.ಕೆ. ತಿಪ್ಪೇರುದ್ರಪ್ಪ ತಿಳಿಸಿದರು.

ನಗರದ ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದಿಂದ ನಡೆಯುತ್ತಿರುವ ವಿವಿಧ ರಾಜ್ಯಗಳ ಉಪನ್ಯಾಸಕರು ಸಮವಯೋಗಿ ಪಡಿಸಿಕೊಂಡು ದೇಶದ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳಾಗಿ, ಭವಿಷ್ಯ ರೂಪಿಸಿಕೊಳ್ಳಲು ಸಹಕಾರಿ ಎಂದು.

ನವದೆಹಲಿಯ ಐಎಸ್‌ಟಿ ಅಧ್ಯಕ್ಷ ಪ್ರೊ.ಪ್ರತಾಪ್‌ಸಿನ್ಹ ಉಪನ್ಯಾಸಕರು ಹೆಚ್ಚಿನ ಪ್ರಜ್ಞಾಪೂರ್ವಕವಾದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಉತ್ತಮ ಮಾರ್ಗದರ್ಶನ ನೀಡಲು ಇದು ಸಹಕಾರಿ ಎಂದು.

ಖಜಾಂಚಿ ಟಿ.ಎನ್. ಶಿವಪ್ರಸಾದ್‌ವಾರು ಮಾನ್ಯ. ಟಿ.ಎಸ್. ದೇಶದ ಪ್ರಗತಿಗೆ ಮುಖ್ಯ ವಿದ್ಯಾರ್ಥಿಗಳ



ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದ ಪ್ರಮುಖರು

ಹಿತಕಾರಿಯವ ಸಲುವಾಗಿ ಗ್ರಾಮೀಣ ಭಾಗದ ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆಯು ಸುಮಾರು 59 ವರ್ಷಗಳಿಂದಲೂ ನಾಲ್ಕು ಸೆವೆಯನ್ನು ಸಲ್ಲಿಸುತ್ತ ಬರುತ್ತಿರುವುದು ತುಂಬಾ ಗಮನಾರ್ಹ ಎಂದು.

ಬೆಂಗಳೂರು ಸ್ವಪೂರ್ಣ ವಿ ವಿ ಉಪ ಕುಲಪತಿ ಡಾ. ಶ್ರೀನಿವಾಸ್ ಎಸ್ ಬಳ್ಳಿ, ಕೆ.ವಿ.ಎಸ್. ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ರಾಜಕುಮಾರ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಬಿ.ಡಿ. ಗುರುಮೂರ್ತಿ, ಪ್ರೊ. ಟಿ.ಎಸ್. ಸಿದ್ದಲಿಂಗಪ್ರಸಾದ್, ಪಿ.ಕೆ. ಭಾಗವಹಿಸಿದ್ದರು.

ಅಜಯ್, ಉದ್ಯೋಗಾಧಿಕಾರಿ ಡಾ. ಟಿ.ಎಸ್. ಕಿರಣ್, ಡಾ.ಟಿ. ಚಂದ್ರಶೇಖರಯ್ಯ, ಎಂ.ಎ. ಮುಖ್ಯಸ್ಥ ದೀಪ್ತಿ ಅಮಿತ್, ಗಣಿತ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಚರಂತಿಮಾಲ್ ಭಾಗವಹಿಸಿದ್ದರು.

ಉತ್ತಮ ಬೋಧನೆಗೆ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಾಗಾರ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಪಿ.ಕೆ.ತಿಪ್ಪೇರುದ್ರಪ್ಪ ಅಭಿಮತ

ತಿಪಟೂರು: ಉಪನ್ಯಾಸಕರ ಉತ್ತಮ ಬೋಧನೆಗೆ ಹಾಗೂ ಶೈಕ್ಷಣಿಕ ಮಟ್ಟದ ಸುಧಾರಣೆಗೆ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಾಗಾರದ ಅನುಕೂಲತೆಗಾಗಿ. ಇದರ ಪ್ರಯೋಜನ ಪಡೆದುಕೊಂಡು ಮತ್ತಷ್ಟು ಜ್ಞಾನಾರ್ಜನೆ ಯನ್ನು ಹೆಚ್ಚಿಸಿಕೊಳ್ಳಬೇಕೆಂದು ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಪಿ.ಕೆ. ತಿಪ್ಪೇರುದ್ರಪ್ಪ ಹೇಳಿದರು.

ನಗರದ ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದಿಂದ ಐಐಸಿಟಿಐ ಮತ್ತು ಐಎಸ್‌ಟಿಐ ನವದೆಹಲಿಯ ಅನುದಾನದೊಂದಿಗೆ ನಡೆಸುತ್ತಿರುವ 2ನೇ ಹಂತದ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಮಾತನಾಡಿದರು.

ಈ ಕಾರ್ಯಕ್ರಮದಿಂದ ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆಯ ಘನತೆ ಎತ್ತಿಹಿಡಿದಂತಾಗಿದ್ದು, ದೇಶದ ವಿವಿಧ ರಾಜ್ಯಗಳ ಉಪನ್ಯಾಸಕರು ಸಮವಯೋಗಿ ಪಡಿಸಿಕೊಂಡು ದೇಶದ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳಾಗಿ ಮತ್ತು ಆದರ್ಶ ವಿದ್ಯಾರ್ಥಿಗಳಾಗಿ ಉಜ್ವಲ ಭವಿಷ್ಯತ್ತನ್ನು ರೂಪಿಸಿಕೊಳ್ಳಲು



ಎರಡನೇ ಹಂತದ ರಿಫ್ರೆಶರ್ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಕೆ.ವಿ.ಎಸ್ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ರಾಜಕುಮಾರ್ ಇತರರು ಭಾಗವಹಿಸಿದ್ದರು.

ಸಹಕಾರಿಯಾಗಿದೆ ಎಂದರು. ನವದೆಹಲಿಯ ಐಐಸಿಟಿಐ ಅಧ್ಯಕ್ಷ ಪ್ರೊ. ಪ್ರತಾಪ್‌ಸಿನ್ಹ ಕೆ.ಸೋ ದೇಸಾಯಿ ಆನ್‌ಲೈನ್ ಮೂಲಕ ಮಾತನಾಡಿ, ಇಂಥ ದೊಡ್ಡ ಕಾರ್ಯಕ್ರಮಗಳಿಗೆ ಹಿಂದಿನಿಂದಲೂ ನಮ್ಮ ಸಂಸ್ಥೆ ಅನುದಾನ ಗಳನ್ನು ಕಾಲೇಜುಗಳಿಗೆ ನೀಡುತ್ತಾ ಬರುತ್ತಿದೆ. ಇದರಿಂದ ಉಪನ್ಯಾಸಕರು ಹೆಚ್ಚಿನ ಜ್ಞಾನಾರ್ಜನೆಯನ್ನು ಪಡೆದು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಉನ್ನತ ಮ್ಯಾಸಂಗ ಪಡೆಯಲು ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳು ಅವರ ಸ್ವಶಕ್ತಿಯಿಂದ ಉಜ್ವಲ ಭವಿಷ್ಯ

ತ್ತನ್ನು ರೂಪಿಸಿಕೊಳ್ಳಬಹುದು. ಈ ಬಾರಿ ಗ್ರಾಮೀಣ ಭಾಗದ ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ ಅರ್ಪಣೆ ಪಡೆದು ಎಂದ ಸಂತಸ ವ್ಯಕ್ತಪಡಿಸಿದರು.

ಬೆಂಗಳೂರು ಸ್ವಪೂರ್ಣ ವಿವಿಯ ಉಪ ಕುಲಪತಿ ಡಾ.ಶ್ರೀನಿವಾಸ್ ಎಸ್ ಬಳ್ಳಿ, ವಿಜಯಲಕ್ಷ್ಮಿ.ಎಸ್. ಶಿವಪ್ರಸಾದ್, ಕೆ.ವಿ.ಎಸ್. ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ರಾಜಕುಮಾರ್, ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದಿಂದ ಮುಖ್ಯಸ್ಥ ಕಾರ್ಯಕ್ರಮದ ಸಂಯೋಜಕ ಡಾ.ಬಿ.ಎಂ.ವಿಶ್ವನಾಥ್ ಇತರರು ಇದ್ದರು.

ಥರ್ಮಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ಪುನಶ್ಚೇತನ ಕಾರ್ಯಾಗಾರ ಮುಕ್ತಾಯ

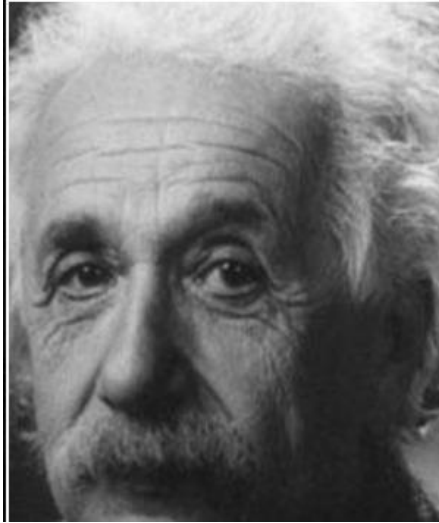
ತಿಪಟೂರು: ನಗರದ ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದಿಂದ ಹಮ್ಮಿ ಕೊಂಡಿದ್ದ ಮೂರು ವಾರಗಳ ಥರ್ಮಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವರ್ಬಲ್ ಪುನಶ್ಚೇತನ(ರಿಫ್ರೆಶರ್) ಕಾರ್ಯಾಗಾರದ ಎರಡನೇ ಹಂತದ

» ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ಆಯೋಜನೆ

ಮುಕ್ತಾಯ ಸಮಾರಂಭವು ಮಾ.17 ರಿಂದ ಮಾ.23ರವರೆಗೆ ಸುಗಮವಾಗಿ ನಡೆಯಿತು. ಈ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ದೇಶದ ವಿವಿಧ ರಾಜ್ಯಗಳ ಪ್ರತಿಷ್ಠಿತ ಕಾಲೇಜುಗಳ

ನೂರಕ್ಕೂ ಹೆಚ್ಚು ಉಪನ್ಯಾಸಕರು ಭಾಗವಹಿಸಿದ್ದರು. ಈ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ನವದೆಹಲಿಯ ಎಐಸಿಟಿಐ-ಐಎನ್‌ಟಿಐ ಅನುದಾನ ಬಂದಿದೆ. ದಾವಣಗೆರೆ ಯುಬಿಡಿಟಿಸಿಐ ಡಾ. ಎಂ.ಪ್ರಸನ್ನಕುಮಾರ್ ಮಾತನಾಡಿ, ಕಾರ್ಯಾಗಾರವು ಯುವ ಉಪನ್ಯಾಸಕರು ಮತ್ತು ಸಂಶೋಧನೆ ಮಾಡುತ್ತಿರುವ ಉಪನ್ಯಾಸಕರಿಗೆ ಉಪಯೋಗವಾಗುತ್ತಿದೆ ಎಂದರು. ಕಲ್ಪತರು ವಿದ್ಯಾ ಸಂಸ್ಥೆಯ ಖಜಾಂಚಿ ಶ್ರೀ ಟಿ.ಎನ್.ಶಿವಪ್ರಸಾದ್ ಮಾತನಾಡಿ, ಥರ್ಮಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗವು ಮೆಕ್ಯಾನಿಕಲ್‌ನ ಒಂದು ಭಾಗವಾಗಿದ್ದು, ಈ ವಿಷಯವು ರೆಪ್ರಿಜಿರೇಟರ್, ವಿದ್ಯುತ್‌ಉತ್ಪಾದನೆ, ಹವಾನಿಯಂತ್ರಿತ ತಂತ್ರಜ್ಞಾನದಲ್ಲಿ ಬಹಳ ಉಪಯೋಗವಾಗುತ್ತಿದೆ ಎಂದರು. ಕಲ್ಪತರು ವಿದ್ಯಾಸಂಸ್ಥೆ ಕಾರ್ಯದರ್ಶಿ ಟಿ.ಯು.ಜಗದೀಶಮೂರ್ತಿ ಮಾತನಾಡಿ, ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗವು ಈ ರೀತಿಯ ಕಾರ್ಯಕ್ರಮ ಆಯೋಜಿಸಿ ಕಾಲೇಜಿನ ಘನತೆಯನ್ನು ಎತ್ತಿಹಿಡಿದಿದ್ದಾರೆ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಉಜ್ವಲ ಭವಿಷ್ಯತ್ ರೂಪಿಸಿಕೊಳ್ಳಲು ಇಂಥ ಕಾರ್ಯಕ್ರಮಗಳ ಸಮವಯೋಗಿ ಪಡೆಯಬೇಕು ಎಂದರು. ಕಾರ್ಯಕ್ರಮದ ಸಂಯೋಜಕ ಡಾ.ಬಿ.ಎಮ್. ವಿಶ್ವನಾಥ್ ಸ್ವಾಗತ ಭಾಷಣ ಮಾಡಿದರು. ಕಲ್ಪತರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ಜಿ.ಡಿ.ಗುರುಮೂರ್ತಿ, ಪ್ರೊ.ಟಿ.ಎಸ್.ಸಿದ್ದಲಿಂಗಪ್ರಸಾದ್, ಪ್ರೊ.ಕೆ.ಎನ್. ಈಶ್ವರಯ್ಯ, ಸಂಸ್ಥೆ ಉದ್ಯೋಗಾಧಿಕಾರಿ ಡಾ.ಟಿ.ಎಸ್.ಕಿರಣ್, ಡಾ.ಟಿ.ಎಮ್. ಚಂದ್ರಶೇಖರಯ್ಯ, ಗಣಿತ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಚರಂತಿಮಾಲ್, ಗ್ರಂಥಾಲಯ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಟಿ.ಎಸ್.ಮಂಜುನಾಥ್ ಇದ್ದರು.

Newspaper clippings about the program on 'Thermal Engineering'



Scientists investigate that which
already is; Engineers create that
which has never been.

— *Albert Einstein* —

Thank you