

Date: 25.05.2018

To,
The Principal,
ATME college of Engineering,
Mysuru-570 028

Through,
Head of the Department,
Department of Mechanical Engineering,
ATME College of Engineering,
Mysuru-570 028

From,
Thejkumar J
Asst. Professor,
Department of Mechanical Engg., ATMECE

Dear Sir,

Subject: Request to reimburse the Expenditure towards the Workshop attended.

With respect to the above Subject, I Thejkumar J attended the one-day work Shop on "New Model Curriculum for the First Year BE-CBCS detailed Syllabus (2018-19)" held at Sahyadri College of Engineering & Management at Mangaluru on 19.05.2018.

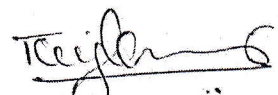
A copy of report has been Attached along with this letter for your kind information. Also, I request you to reimburse the expenses incurred towards the participation of the workshop. A copy of bus tickets is also Attached with this mail.

Dearness Allowance (DA)	260	✓
Travelling Expenses	1233	✓
Total	1493	✓

one thousand four hundred & ninety three Rupees only.

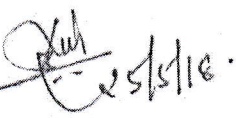
Thanking You,

Yours faithfully,


Thejkumar J

Forwarded to the principal
for kind approval.

A. Pattabhi
25/05/2018

Approved




A T M E
College of Engineering
13th Mile, Mysore-Bangalore Road, Mysore - 570 024



VOUCHER

Date: 26/05/2018

No.

Name of Work: WORKSHOP

Head of Account:

Name of the Party:

Received with thanks a sum of Rs. 1433/- (Rupees one thousand four hundred and thirty three only) as advance / part / full payment towards "New Model Curriculum for the first year BE-CBS Detailed syllabus (2018-19) held on 20/05/2018 at Sahyadri College & Engg. Management Mangalore"

by Cash / Cheque no.

For, **A T M E**

Receiver's Signature

Authorised Signatory

Sahyadri College of Engineering & Management at Mangaluru on 19.05.2018.



ಕಾವೇರಿ ಗ್ರಾಮೀಣ ಬ್ಯಾಂಕ್
KAVERI GRAMEENA BANK

Mellahally Branch,
Mellahally Post,
Mysore Tq. & Dist. - 571 010

KMH

Valid for three months from the date of Instrument

20052018
D D M M Y Y Y Y

Pay Theikumar

या धारक को Or Bearer

Rupees रुपये one thousand four hundred and thirty three

अदा करें

₹ 1433/-

S.B. A/c. No. 85025936084

CBS BRANCH

Please sign above.

⑈008583⑈ 570006264⑈

10

1 nejkuumar J

C. Sattida
25/05/2018

Approved



ATME COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING



Date: 21-05-2018

REPORT OF ONE DAY WORKSHOP

on

“AICTE MODEL CURRICULUM”

Visvesvaraya Technological university (VTU) is organised one day workshop on **New Model Curriculum for the First Year BE-CBCS detailed Syllabus (2018-19) as per outcome Based Education (OBE) format including Course outcomes (COs) and Blooms Taxonomy.**

The work shop is organised in three zones of VTU based on the regional zones,

1. Belagavi and Kalburgi,
2. Belagavi and
3. Mysuru.

The faculties of Mysuru zonal Engineering colleges attend the workshop on 19.05.2018 at Sahyadri College of Engineering and Management, Mangaluru.

The Schedule for the programme is as follows,

- 1 Registration & Breakfast: 9.00-10.00 a.m
2. Inauguration & pre-Lunch Session: 10.00- 12.30 p.m
3. Post Lunch Session: 2.00-4.00 p.m (Department wise)

The programme was chaired by the Honble Vice chancellor of Mangalore university Prof. K Byrappa and other dignitaries from VTU and Sahyadri College of Engineering & Management. After the inaugural of the event, the speakers give the insight about the OBE education system.

The post Lunch Session was organised in departmental levels, and Mechanical Engineering department organised the meeting to discuss the first-year syllabus for mechanical Engineering.

Dr. R P Reddy, Chairmen BOS mechanical engineering briefed about the new curriculum and efforts made to frame the new syllabus according to the AICTE proposed model Curriculum. Dr. Abdulla Sharif, member of BOS briefed about the syllabus and scheme of 1-year subjects.

Later the meeting has opened for discussions. The faculties are raised their concerned about the elimination of Elements of Mechanical Engineering and requested the BOS members to retain the subject at all possible cost. The outcome of the meetings are as follows,



Sri Venkateshwara Group of Institutions

Sri Venkateshwara College of Engineering



"Engineering College of the Year-2016" by Higher Education Review

(Permanently Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

Accredited by NBA*, Vidyannagar, Kempegowda International Airport Road, Bengaluru - 562 157

Department of Electronics & Communication Engineering

(Accredited by NBA)

2018 3rd IEEE International Conference on Recent Trends in Electronics,
Information & Communication Technology (RTEICT-2018)



Presentation Certificate



This is to certify that Dr./Prof./Mr./Mrs./Miss. SHRUTHI P

of ATMECE has Presented the Paper entitled FINDING THE PROBABILITY OF PATIENT BEING DEMENTED USING DATA MINING APPROACH CALLED CONFIDENCE in the

"2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018)" held on 18th - 19th May 2018, organized by Department of Electronics & Communication Engineering,

Sri Venkateshwara College of Engineering, Bengaluru, Karnataka, India. IEEE XPLORE ISBN : 978-1-5386-2440-1

R. Bhakthavathsalam

Dr. R. Bhakthavathsalam
TPC-Chair, Principal Research Scientist
Dept. of SERC, IISc, Bengaluru

Dr. Shivashankar

Dr. Shivashankar
Convener
HoD, E&CE, SVCE, Bengaluru

Dr. Suresha

Dr. Suresha
General Chair
Principal, SVCE, Bengaluru



UNIVERSITY OF MYSORE



DEPARTMENT OF STUDIES IN COMPUTER SCIENCE, MANASAGANGOTRI, MYSURU-570 006

IN ASSOCIATION WITH
MYSORE UNIVERSITY COMPUTER SCIENCE ALUMNI ASSOCIATION (MUNICSSAA) &
HIGH PERFORMANCE COMPUTING LAB

ORGANIZES

Two Days Pre-Conference Workshop on Image Classification

IN CONNECTION WITH

FIRST INTERNATIONAL CONFERENCE ON DATA ANALYTICS & LEARNING 2018 (DAL'18)

28th & 29th March 2018


CERTIFICATE

This is to certify that SUITHA PATEL. MS, RESEARCH SCHOLAR
of VTU

has actively participated in the two days pre-conference workshop on "Image Classification" held at the Department of Studies in Computer Science, University of Mysore, Mysuru during 28th & 29th March, 2018.


29/3/18

Chairman, DoS in CS &
Organizing Chair, DAL'18
(D S GURU)


29/3/18

Secretary, MUNICSSAA
Organizing Secretary, WIC
(L HAMSAVENI)

To

The Principal
ATMI college of Engineering
Mysuru

Date: 26/02/2018

Place: Mysuru

From

Raghu
Assistant Professor
Dept of Mechanical Engineering
Mysuru

Through

The HOD
Department of Mechanical Engineering

Respected Sir,

Sub: Request for permission to attend Two day FDP at VVCE, Mysuru

With reference to above subject, I am interested to attend Two days FDP on "HEAT TRANSFER & ITS APPLICATIONS" at VVCE, Mysuru on March 2-3, 2018. I was handled the subject of Heat & Mass transfer for 6th semester. This FDP will helpful for enhancement of knowledge in the subject. So I am requesting you to grant me permission to attend this programme.

Thanking you

Yours faithfully

 26/2/18
(Raghu)

*Forwarded to the principal
with a request to provide permission & do needful.*

*Ce. Rattikar
26/2/18*

Approved


26/2



A T M E

College of Engineering
13th Kilometer, Mysore-Bannur Road, Mysore - 570 028



Date: 13/04/2018

VOUCHER

No.

Name of Work: FDP

Head of Account:

Name of the Party: Mr. Raghu & Mr. Girishkumar G.S

Received with thanks a sum of Rs. 1000/- (Rupees one thousand only)

as advance / part / full payment towards FDP attended

at Vidyanardhaka College of Engineering Mysore on 02/03/2018 (Heat transfer & its Applications)

by Cash / Cheque no. 008582

For, **A T M E**

Receiver's Signature *Raghu* 13/4/18

Authorised Signatory

Respected Sir,



ಕಾವೇರಿ ಗ್ರಾಮೀಣ ಬ್ಯಾಂಕ್
KAVERI GRAMEENA BANK

Mellahally Branch,
Mellahally Post,
Mysore Tq. & Dist. - 571 010

KMH

Valid for three months from the date of instrument

13042018
D D M M Y Y Y Y

Pay Raghu

या धारक को Or Bearer

Rupees रुपये one thousand only

अदा करें

₹ 1000/-

S.B.
A/c. No.

85025936084

CBS BRANCH

Raghu

Please sign above

008582 570006264

10

Session I: 10:30 AM -11:30 AM - **Dr. T R Seetharam**, Chair Professor in Thermal Engineering, PESIT, Bengaluru, has delivered talk on Free Convection Heat Transfer.

Session II: 11:45 AM -12:45 PM - **Dr. T R Seetharam**, Chair Professor in Thermal Engineering, PESIT, Bengaluru, has delivered talk on Forced Convection Heat Transfer.

Session III: 02:00 PM -03:00 PM - **Dr. K N Seetharam**, Chair Professor in Thermal Engineering, PESIT, Bengaluru, has delivered talk on Radiation Heat Transfer.

Session IV: 03:15 PM -04:15 PM - **Dr. K N Seetharam**, Chair Professor in Thermal Engineering, PESIT, Bengaluru, has delivered talk on Boiling & Codensation, Different regimes in Boiling and types of Condensation like filmwise & dropwise condensation.

The program was ended with a formal Valedictory by Dr. Mohan Krishna and participants had given their feedback about the program.

A Report of
Two day Faculty Development program on
“Heat Transfer and its Applications”

A Two day Faculty Development Program on **“Heat Transfer and its Applications”** was organized at Vidhya Vardhaka College of Engineering, Mysuru, by the department of Mechanical Engineering during 2nd & 3rd March 2018. The Program was intended to impart knowledge on the basic concepts, governing laws, principles and applications of heat transfer.

The salient topics covered in this program are:

- Steady and Transient Conduction
- Numerical Analysis of Conduction
- Forced and Natural Convection
- Radiation Heat Transfer
- Heat Exchangers
- Boiling and Condensation
- Application of CFD to Heat Transfer

RESOURCE PERSONS

Dr. T Sundarrajan

Institute Chair Professor, IIT, Madras

Dr. G S V L Narasimham

Principal Research Scientist, IISc, Bengaluru

Dr. T R Seetharam

Chair Professor, PESIT, Bengaluru

Dr. K N Seetharamu

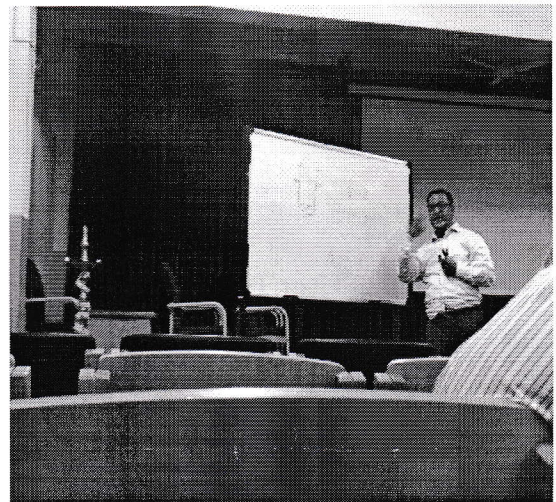
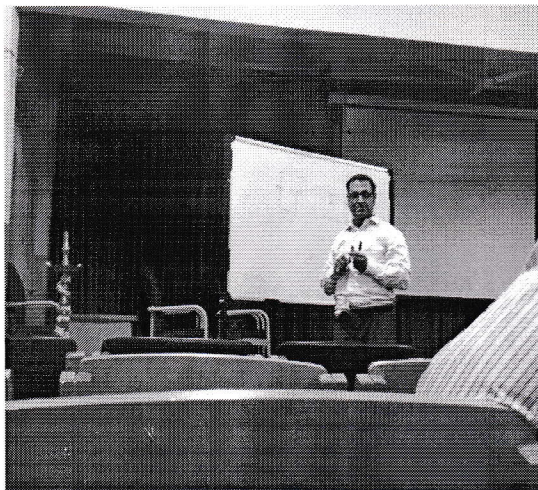
Chair Professor, PESIT, Bengaluru

DAY-1

Date: 02-03-2018

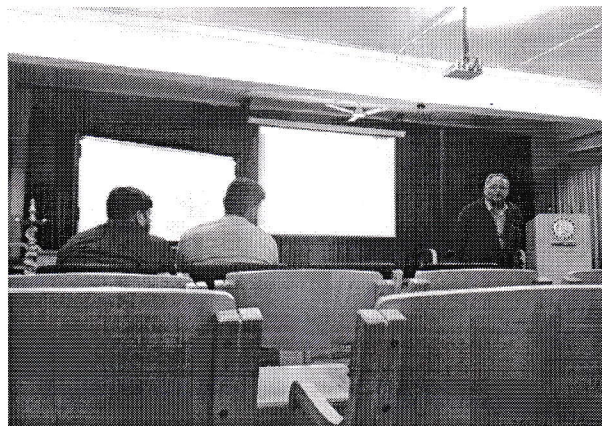
The program was inaugurated by the chief guest and the resource person **Dr. T Sundararajan**, Professor, IIT, Madras. And Dr. L J Sudev, HOD, Department of Mechanical Engineering and Dr. Sadashive Gowda, Principal, VVCE, Mysuru. were also present.

Session I: 10:30 AM -11:30 AM - **Dr. T Sundararajan**, Professor, IIT, Madras has delivered a talk on Steady state heat Conduction, Fourier's law of heat conduction, Boundary conditions of 1st, 2nd & 3rd kind.



Session II: 11:45 PM -12:45 PM - **Dr. T Sundararajan**, Professor, IIT, Madras, has delivered a talk on Unsteady Heat Conduction, Fins with different conditions like with tip insulated, infinitely long fin.

Session III: 02:45 PM -03:00 PM - **Dr. GSLV Narasimham**, Principal Scientist, IISC, Bengaluru, has delivered a talk on Numerical Analysis of Conduction

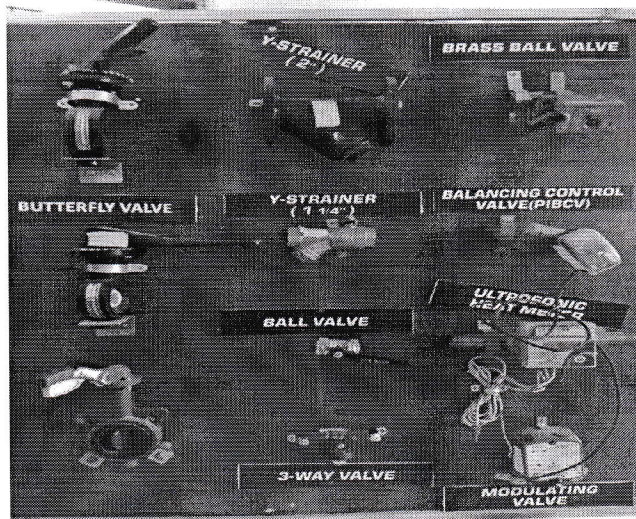
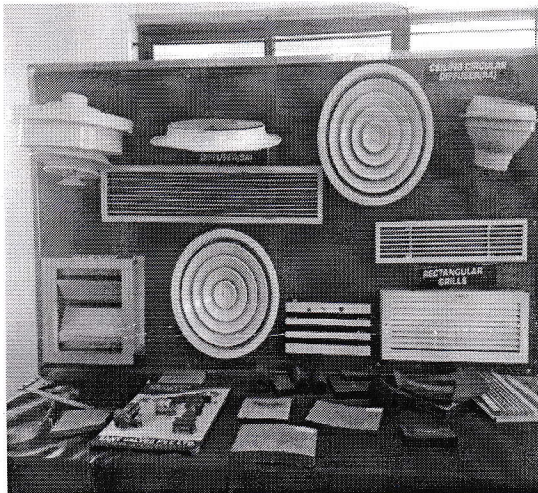


Session IV: 03:15 PM -04:15 PM - Dr. GSLV Narasimham, Principal Scientist, IISC, Bengaluru, has delivered a talk on Overview of Heat Exchangers.

DAY-2

Date: 03-03-2018

Before the first session to begin, all the participants have visited to **VVCE ISHARE showcase** from 09:00 AM to 10:15 AM. This showcase comprises various devices such as different types of Pumps, Compressors, Air Conditioner, Control Valves etc.



From

Sneha NP
Asst Prof.
Dept of CSE
ATMECE, Mysuru.

Approved to pay Registration
fee sept fund

To

The Principal
ATMECE, Mysuru.


12/11

Through

The HOD
Dept of CSE,
ATMECE, Mysuru.

Respected sir,

Subject: Requesting to sanction the registration fee
for the workshop.


As I will be handling the subject "Cryptography, Network
security and cyber law" for VI semester students in the
coming semester, I request you to permit me to attend
a workshop on this subject organized at VICE, Mysuru
from 22nd to 24th Jan 2018. This will help me to teach
the subject more effectively. I also request you to
sponsor my registration to the workshop by sanctioning
an amount of Rs 900/- (Nine hundred only) and oblige.

Thanking you

Forwarded

For your kind information and needful
action
C. S. Srinivas

Yours faithfully.


SNEHA NP.

nam

Prakruthi S
Asst Prof
Dept of CSE
ATMECE, Mysore

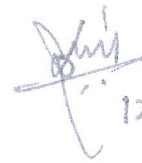
12/01/18
Mysore.

To
Principal
ATMECE, Mysore.

Approved to pay
Registration fee
dept fund

Through.

The HOD
Dept of CSE
ATMECE, Mysore


12/1/18

Respected Sir,

Subject: Requesting to sanction the registration fee for the workshop.

As I will be handling the subject Cryptography, Network security, and Cyber law, for VI semester students in coming semester, I request you to permit me to attend a workshop on this subject organized at VUCE, Mysore from 22nd to 24th Jan 2018. This will help me to teach the subject more effectively. I also request you to sponsor my registration amount by sanctioning the amount of Rs 900/- (Nine hundred only) much oblige.

Thanking you

Yours faithfully
Prakruthi S

Forwarded

For your kind information and needful
action
B Gowda 12/1/18

From

Kinan B
Assistant Professor
Dept of CSE
ATMECE, Mysuru

Mysuru
12/01/2018

To


The Principal,
ATMECE, Mysuru

Approved to pay

Registration fee sum.

Through,

The HOD
Dept of CSE,
ATMECE, Mysuru

Dept Fund

12/1/18

Subject: Requesting to sanction the registration fee for
the workshop on SS of CS/Os

Respected Sir,

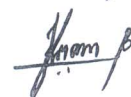
With respect to the above subject, as I will be handling the subject "SS of CS/Os" for VI semester students in the coming semester, I request you to permit me to attend a workshop on this subject organized at Global Academy of Technology, Bengaluru from 17th to 19th January 2018. This will help me to teach the subject more effectively. I also request you to sponsor my registration to the workshop by sanctioning an amount of Rs 1500/- (One Thousand & Five Hundred only). Please oblige the above.

Thanking you

Forwarded

For kind information and
needful action Please
12/1/18

Yours faithfully



28/5/18

From,

Staff members

Department of ECE

ATME College of Engineering

Through the HOD

To,

The Principal

ATME College of Engineering

Respected Sir,

Sub: Remuneration details.

With respect to above subject the faculties of Department of ECE have attended Faculty development programmes in various institutions. In this regard we kindly request you to refund the registration amount, and oblige.

Thanking you,

Yours Faithfully

A.

* Details are enclosed below

forwarded to Principal Sir

Unhl
28/5

Sl No.	Name of the faculty	Registration amount	Remarks
1.	Dareshini. M. B ✓	1250/- ✓	FDP at ATMECE
2.	Dareshini. M. B ✓	2750/- ✓	Industrial Visit
3.	Manjunath. K. ✓	1000/- ✓	FDP at Belagavi
4.	Umanahesh R N ✓	1000/- ✓ 170	FDP at Belagavi
5.	Justin F ✓	1000/- ✓	Network simulator FDP at NIE
6.	Shalini. V. S ✓	1000/- ✓	FDP at NIE
7.	Pradeep Kumar K ✓ Priya M S Amrith Pooacha Gureprasad ✓	1500/- ✓	FDP at muddenahalli Bangalore
8.	Abhilash G Chandrashekar P } ✓	3000/- ✓	FDP on Model Curriculum
	<u>Total</u>	<u>12,500/-</u>	

~~28/1/18~~
28/1/18



A T M E

College of Engineering



Department of EEE
Emitting Elite Energy

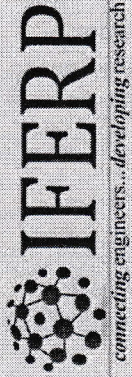
RECEIPT

Received ₹1250 from **Ms. DARSHINI M B** of Department of Electronics and Communication Engineering, ATMECE, Mysuru, as Registration Fee for One Week Zonal Level Faculty Development Programme on “Industrial Automation” held at Department of Electrical and Electronics Engineering, ATME College of Engineering, Mysuru from 16th to 20th January 2018.

Parthasarathy 20.1.18

Dr. Parthasarathy L
Dr. PARTHASARATHY L.
Professor and HOD
Dept. of Electrical & Electronics Engineering
ATME College of Engineering, Mysuru

6th World Conference on Applied Science, Engineering and Technology



CERTIFICATE

_____ OF PRESENTATION _____

02nd - 03rd January 2018 | Goa, India

This is to certify that Mohanesh B.M.

of A T M E College of Engineering Mysuru presented his/her research

paper titled Mathematical Logic and Logical Equivalence Implementation to find the Intermediate Key Management for

DES Encryption Algorithm. during "6th World Conference on

Applied Science, Engineering and Technology" held at Goa, India on 02nd - 03rd January 2018.



[Signature]
Mr. Rudra Bhanu Satpathy
Director, IFERP
India



[Signature]
Dr. Farhad Ilahi Bakhsh
Assistant Professor
Baba Ghulam Shah Badshah University
India

Date: 18/12/2017

From,
Dr. Rathnakar G
Professor & Head
Dept. of Mechanical Engg.
ATMECE, Mysuru.

To,
The Principal
ATMECE, Mysuru.

Respected sir,

Subject: Permission to attend International Conference at CIT Mandya- Regarding.

With reference to the above subject two papers are selected in International conference CIT Mandya, papers are going to be presented by the co-authors Prof. Swarnakiran S and Prof. Yashwanth N in the Conference. Hence in this regard I request your kind good self to sanction permission to attend the conference and do needful. Further I request you to sanction the registration amount from the department and do needful.

Thanking you

Yours faithfully

G. Rathnakar
18/12/2017
Department of Mechanical Engineering
ATME College of Engineering, Mysuru

Approved

[Signature]
18/12/17

if registration fee to be paid from
dept Association fund.



A T M E

College of Engineering

17th Kilometer, Mysore-Sargur Road, Mysore - 575 128



VOUCHER

Date: 19/01/2018

No.

Name of Work :

Head of Account :

Name of the Party: SWARNAKIRAN.S & YASHWANTH.Y

Received with thanks a sum of Rs. 4000/- (Rupees Four thousand

supers only) as advance / part / full payment towards International

conference held at CIT, mandya on 27-28th december 2017

by ~~cash~~ / Cheque no. 000729

For, **A T M E**


Receiver's Signature

Authorised Signatory

INVESTIGATIONS ON RHEOLOGICAL PROPERTIES OF POLYMER-CERAMIC FIRE RETARDANT COMPOSITES

Dr. Rathnakar.G¹, Mr. Yashwanth.N²

¹Professor, Dept. of Mech. Engg, ATME College of Engineering, Mysuru.

rathnakar.g.devaru@gmail.com

²Assistant Professor, Dept. of Mech. Engg, ATME College of Engineering, Mysuru.

contactyash89@gmail.com

Abstract

In the present work an attempt is made to develop fire retardant polymer material using the polymer nano composites. Fire retardant minimizes the risk of fire starting and if once started of spreading. Fire retardants exhibit an excellent property of reducing the spreading of fire, in turn reduces the fire hazards and are proven to save lives and protect property and are therefore an essential part of fire protection. Polymers and plastics are highly prone to fire and catch fire easily and continue to burn if fire retardants are not used. The safe application of plastics in our modern society would not be feasible without the use of flame retardants. The "side effects" of the fire retardants have to be taken into account in a balanced manner. This paper attempts to evaluate the rheological and DSC properties of fire retardant polymers.

Key words: Composites, Rheology, Dynamic Mechanical Analysis (DMA), Differential Scanning Calorimetry (DSC).

1.0 Introduction

The development of science and technology provides the availability of sophisticated products but concurrently increases the use of combustible materials [1]. Polymeric materials are commonly used in everyday life increasing fire hazards and so flame retardants are very often incorporated into them to limit their flammability. Fire-retardant polymers are polymers that are resistant to degradation at high temperatures. There is need for fire-resistant polymers in the construction of small, enclosed spaces such as skyscrapers, boats, and airplane cabins. In these tight spaces, ability to escape in the event of a fire is compromised, increasing fire risk. In fact, some studies report that about 20% of victims of airplane crashes are killed not by the crash itself but by ensuing fires.

Fire-safe polymers also find application as adhesives in aerospace materials, insulation for electronics, and in military materials such as canvas tenting.

As an example, in 2004, there were 508 fire-related deaths in the UK, compared with 593 in 2003 [2]. The highest number recorded was 1096 deaths in 1979. Through the 1980s and 1990s there was a general downward trend in fire-related deaths. This trend can be linked to the toughening of the legislation in terms of fire hazards combined with the growing use of flame retardants, global demand for flame retardant is forecast to increase by 4.8% per year to 2.2 million metric tons in 2009 [3] further there is a possibility that there will be increase in the demand for fire retardant materials in the future. The flammability behavior of polymers is defined on the basis of several processes and/or parameters, such as burning rates (solid degradation rate and heat release rate), spread rates (flame, pyrolysis, burn-out, smolder), ignition characteristics (delay time, ignition temperature, critical heat flux for ignition), product distribution (in particular, toxic species emissions)[4], smoke production, etc. The objective is then to inhibit or even suppress the combustion process acting chemically and/or physically in the solid, liquid or gas phase. One can interfere with combustion during a particular stage of this process, e.g: During heating, decomposition, ignition or flame spread. Some fire-safe polymers naturally exhibit an intrinsic resistance to decomposition, while others are synthesized by incorporating fire-resistant additives and fillers. Current research in developing fire-safe polymers is focused on modifying various properties of the polymers such as ease of ignition, rate of heat release, and the evolution of smoke and toxic gases.

Three approaches can be considered to reduce the flammability of polymers:

1. To use inherently flame retardant polymers (e.g. poly (tetrafluoroethylene), polyoxazoles, poly(ether-ether ketone) or polyimides); [5]
2. To chemically modify existing polymers (e.g. copolymerisation of flame-retardant monomer into PET chains).[6]
3. Organic/inorganic hybrid polymers such as epoxy resin prepared from silsesquioxanes [7].
4. To incorporate flame retardants into polymers via usual procedures. [8]

2.0 Objective of present work:

- To prepare ceramic dispersed polymer composites with fire-retardant properties and sufficient mechanical properties to withstand the heat effect for reasonable time.
- The issue is to be addressed by addition of both micro and nano level size addition of the ceramics.

- Polymer - ceramic blends from the listed materials would be prepared with reinforcing ceramic particles mostly in the nano-metric scale size so that the required properties are achieved with small addition of the reinforcements.
- To study the Synergistic effect of halloysite nanotubes on the flammability properties of acrylonitrile–butadiene–styrene composites.

3.0 Methodology:

In the present work it is proposed to use the following materials: for polymer matrix.

1. High density polyethylene (HDPE)
2. Epoxy

For the ceramic fire retardant it is proposed to use:

1. Clay
2. Carbonnano tube

Poly (acrylonitrile-co-butadiene-co-styrene) was obtained from Aldrich, containing acrylonitrile (25% pellets) and having a melt flow index of 6 g (10 min) –1 (230 °C/3.8 kg). Halloysite nanotubes HNTs (ultrafine grade) were obtained from Imerys Tableware Asia Limited, New Zealand (wt%): SiO₂, (49.5%); Al₂O₃,(35.5%); Fe₂O₃, (0.29%); TiO₂(0.09%), Ammonium polyphosphate (APP),Melamine polyphosphate (MPP) were obtained from Universal Chemtech. Co., Korea. Pentaerythritol (98%) was purchased from Aldrich. The extruded material was cut into required shape and was subjected to various tests as follows.

4.0 Experimentation:

The required polymer nano particle mixes were prepared in HAAKE mixer shown in Fig.1, to study the Synergistic effect of halloysite nanotubes on the flammability properties of acrylonitrile–butadiene–styrene composites. The following compositions of the required polymer Mixes with additives were made in the HAAKE mixer.

4.1 Haake Mixer



Fig. 1 HAAKE MIXER

HAAKE Rheomix Lab Mixer, torque rheometer platform are focused on batch testing of many highly viscous substances. Intelligent modular torque rheometer system are used for the simulation of industrial processes in the lab or pilot plants. The small-scale mixer can characterize materials like polymers, elastomers, additives and fillers to avoid problems in their production.

4.2 DMA (Dynamic Mechanical Analysis):



Fig2: DMA TEST RIG

Rheological properties of the mixes were studied by DMA shown in Fig. 2. Dynamic mechanical analysis (abbreviated as DMA, also known as spectroscopy) is a technique used to study and characterize materials. It is most useful for studying the viscoelastic behavior of polymers. A sinusoidal stress is applied and the strain in the material is measured, allowing one to determine the complex modulus. The temperature of the sample or the frequency of the stress are often varied, leading to variations in the complex modulus, this approach can be used to locate the glass transition temperature of the material, as well as to identify transitions corresponding to other molecular motions.

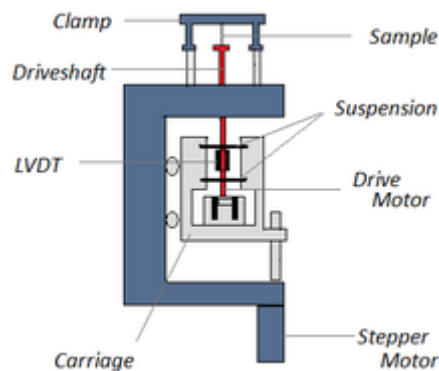


Fig.3: General Schematic of a DMA instrument

4.3 Rheology:

Rheology plays an important role in influencing the quality of the polymer mixes. Thus rheological properties of the mixes were studied first. It is the branch of physics that deals with the deformation and flow of matter under stress. It is particularly concerned with the properties of matter that determine its behavior when a mechanical force is exerted on it.

The viscoelastic character of polymer melts reflects the entangled microstructure and plays an important role in property development and in flow stability.

The relationship between the structure and rheology of a polymer is of practical interest for two reasons:

- Firstly, rheological properties are very sensitive to certain aspect of structure and they are simpler to use than analytical methods, such as nuclear magnetic resonance.

- Secondly, it is the rheological property that governs the flow behavior of polymers when they are processed in the molten state.

4.4 DSC (Differential scanning Calorimetry):

Thermo analytical technique in which the difference in the amount of heat required to increase the temperature of a sample and reference is measured as a function of temperature.

Various Applications:

- Fusion and Crystallization events
- Glass transition temperatures (T_g)
- Study oxidation
- Other chemical reactions.

5.0 Results and discussion:

Table 1: ABS with Halloysite Batches

SI NO.	Wt % HNT	Wt % ABS
1.	1	99
2.	3	97
3.	4.75	95.25

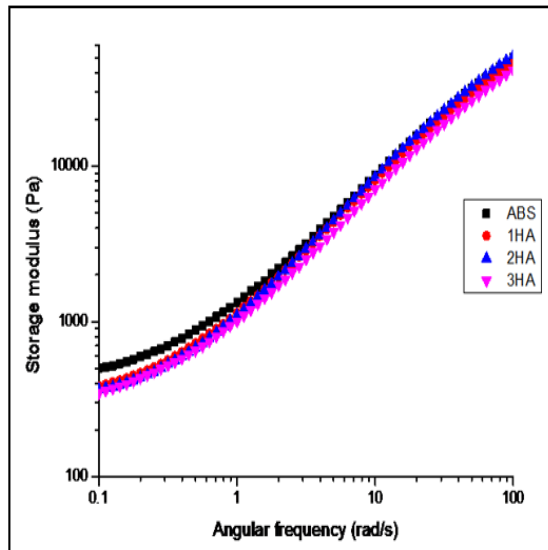
5.2 Table 2: ABS with Cloisite 30B Batches

SI NO.	Wt % Cloisite 30B	Wt % ABS
1.	1	99
2.	3	97
3.	4.75	95.25

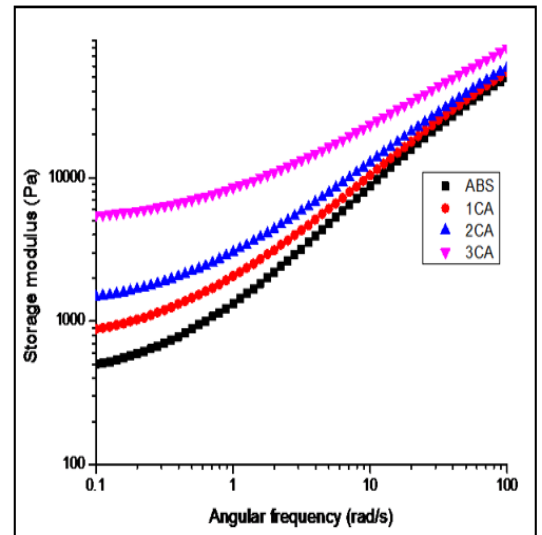
5.3 Table 3: Processing Conditions (HAAKE Melt Mix):

Sl. No.	Temperature (°C)	RPM	Time (min)
1.	230	60	20

RHEOLOGY:

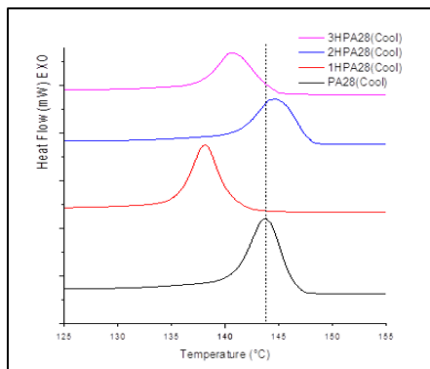


Graph-1

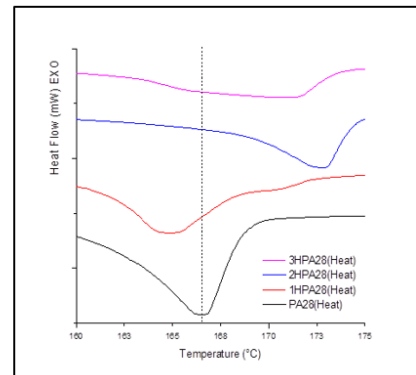


Graph-2

DSC (Differential scanning Calorimetry)



Graph-3



Graph-4

Graph 1 shows the rheological properties of the ABS with Hallosite and Graph 2 shows the rheological properties of the ABS with Cloisite. Graph3 shows the DSC properties of the ABS with Hallosite and Graph 4 shows the DSC properties of the ABS with Cloisite.

6.0 Conclusion:

The polymer – ceramic composites (ABS with Halloysite, ABS with Cloisite).Were Successfully prepared and the required specimens for the various tests were also prepared as per the ASTM standards. DMA (Dynamic Mechanical Analysis) is carried out on various specimens. With the DMA test the material characterization was carried out and the visco elastic properties of the composite material were evaluated. Using this technique the glass transition temperature was evaluated. Rheology tests on various configurations of the polymer specimens prepared are conducted as per standard. It was observed that the specimens with 3% Hallosite with Acrylonitrile-co-butadiene-co-styrene (ABS) showed excellent rheological properties over the other types of the specimens prepared. DSC (Differential scanning Calorimetry) for various combinations of specimens is carried.

7.0 Acknowledgements:

Author wishes to acknowledge the management and principal for their constant support and encouragement to carry out this work.

References:

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2. Fire Statistics, United Kingdom, Office of the Deputy Prime Minister, London, 2004.
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6. Z. Al-Hassany, A. Genovese, R. A. Shanks, Fire-retardant and fire-barrier poly vinyl acetate composites for sealant application, EXPRESS Polymer Letters Vol.4, No.2 (2010) 79–93.
7. K.W. Thomson, P.D.D. Rodrigo, C. M. Preston, G.J. Griffin, Ceramifying Polymers for Advanced Fire Protection Coatings.

From:

Nasreen Fathima
Assistant Professor
Department of CSE
ATMECE, Mysuru

Date: 15-11-2017

To.

The Principal
ATMECE, Mysuru

Through.

The HOD
Department of CSE

Respected Sir,

Sub: Requisition to sponsor Registration Fee for "ICEECCOT-2017"

This is to bring to your notice that the paper entitled "Optimized Neighbor Discovery in IoT" authored by me, has been accepted and selected for Oral Presentation at International Conference On Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2017), scheduled to be conducted at GSSSIETW Mysuru on 15 and 16 December 2017 (details enclosed). Accepted papers will be published in **IEEE Xplore digital library, Indexed by Scopus.**

Further, I request you to sponsor my registration with an amount of Rs.5000/- (Rs. Five Thousand only) for conference and oblige.

Thanking You,

Yours Faithfully

Nasreen Fathima
15/11/17

Submitted

Forwarded for your kind information
and needful action

Prasanna
15/11/17

Dept. of Electronics & Engg
ATMECE, Mysuru
15/11/17

Approved to pay
Registration Fee

[Signature]
17/11/17



nasreen fathima <nasreenfathima16@gmail.com>

ICEECCOT-2017 notification for paper 198

2 messages

ICEECCOT-2017 <iceeccot2017@easychair.org>
 To: Nasreen Fathima <nasreenfathima16@gmail.com>

Sun, Nov 12, 2017 at 7:50 PM

Nasreen Fathima: author's full name

Dear Author,

Congratulations!!!

Greetings from GSSSIETW, Mysuru!

We are pleased to inform you that your paper has been Accepted for Oral presentation at the International Conference ICEECCOT-2017 at GSSS Institute of Engineering and Technology for Women, Mysuru to be held on 15-16, December 2017.

The conference proceedings will be submitted to the IEEE Xplore® digital library.

You are requested to follow the instructions mentioned below.

1. Please read the reviews carefully, and revise your paper according to the review comments.
2. The Final Camera Ready Copy should be strictly according to IEEE format given by IEEE Use the A4 size template at

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

3. Mode of Payment:

The Author registration fee for each individual paper is Rs. 5,000 for IEEE members and Rs. 6,000 for Non-IEEE members. Registration Fee includes Author's Kit, Lunch and Tea.

Demand Draft Details:

DD in favour of "GSSSIETW, Mysuru"

NEFT Details:

Beneficiary Name: GSSSIETW

Bank Name : CANARA BANK

Branch: SIDDARTHA NAGAR, MYSORE

Account Number: 1080101019135

IFSC Code: CNRB 0001080

4. Submit the following documents on or before 14th November 2017 to iceeccot2017@gsss.edu.in
 - Mention the "easy chair submission ID" in the Subject Line
 - Registration Form (Please visit <http://iceeccot.geethashishu.in> for Downloads)
 - Scanned copy of the Proof of Payment.
 - Signed and scanned copy of the copyright form. (http://www.ieee.org/publications_standards/publications/rights/copyrightmain.html)
 - Final (CRC)Camera Ready Paper (.doc only)

5. It is mandatory for the authors to present their paper at the conference, without presentation the accepted paper will not be published by the conference.

6. We are looking forward for your participation at the conference. If you are not the author presenting the paper, please forward this message to your co-author who will give the presentation.

Please feel free to contact the Organizing Chairs in case of any problems with CRC Submission and Formatting.

IEEE Conference Approval Link: http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=42836

Please feel free to contact us with any questions.

Yours Sincerely

Dr. Parameshachari B D

Organizing Chair, ICEECCOT 2017

Professor & Head, Dept. of TCE,

GSSSIETW, Mysuru.

hodte@gsss.edu.in

Ph: +91-9886211981

Dr. Reshma Banu

Organizing Chair, ICEECCOT 2017

Professor & Head, Dept. of ISE

GSSSIETW, Mysuru.

hodise@gsss.edu.in

Ph: +91-9742383080

----- REVIEW 1 -----

PAPER: 198

TITLE: Optimized Neighbor Discovery in Internet of Things (IoT)

AUTHORS: Nasreen Fathima, Dr. Reshma Banu and Dr.G.F. Ali Ahammed

Overall evaluation: 1 (accept)

----- Overall evaluation -----

1. Things identification can be done by one of these, By setting unique identifiers for things. There is not a unified standard for IoT things identifier at present.
This sentence does not make sense.

2. We analyze the implementation results obtained by running Classic IPv6 Neighbor discovery and optimized neighbor discovery as suggested by RFC 6775 in

No analysis or implementation details are given.

3. The experimental result discussed complies with the results obtained in
No experimental results given

----- REVIEW 2 -----

PAPER: 198

TITLE: Optimized Neighbor Discovery in Internet of Things (IoT)

AUTHORS: Nasreen Fathima, Dr. Reshma Banu and Dr.G.F. Ali Ahammed

Overall evaluation: 1 (accept) ✓

----- Overall evaluation -----

author need to give following clarification

- 1. the objective of this algorithm is not clear.
- 2. why this algorithms employed between router and host.
- 3. how this algorithm will find the destination or which algorithms is applied to find the destination.

----- REVIEW 3 -----

PAPER: 198

TITLE: Optimized Neighbor Discovery in Internet of Things (IoT)

AUTHORS: Nasreen Fathima, Dr. Reshma Banu and Dr.G.F. Ali Ahammed

Overall evaluation: 1 (accept) ✓

----- Overall evaluation -----

- 1. Justify the conclusion part
- 2. Literature survey is inadequate; can make few more additions.

----- REVIEW 4 -----

PAPER: 198

TITLE: Optimized Neighbor Discovery in Internet of Things (IoT)

AUTHORS: Nasreen Fathima, Dr. Reshma Banu and Dr.G.F. Ali Ahammed

Overall evaluation: 2 (accept)

----- Overall evaluation -----

#good paper for Neighbor Discovery in Internet of Things.

try to include little bit more related work.

----- REVIEW 5 -----

PAPER: 198

TITLE: Optimized Neighbor Discovery in Internet of Things (IoT)

AUTHORS: Nasreen Fathima, Dr. Reshma Banu and Dr.G.F. Ali Ahammed

Overall evaluation: 2 (accept) ✓

11/14/2017

Gmail - ICEECCOT-2017 notification for paper 198

----- Overall evaluation -----

Paper covers an efficient node discovery technique and compares with traditional ND method. Author can try with some more parameters to prove the algorithms efficiency.

Small mistakes in Section II which says seven layers.
Can be resubmitted with the changes suggested.

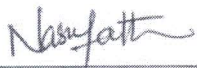
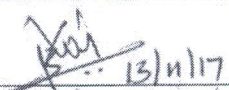


Geetha Shishu Shikshana Sangha (R)
GSSS Institute of Engineering & Technology for Women
(Affiliated to VTU Belgaum, Approved by AICTE-New Delhi & Govt. of Karnataka)
KRS Road, Metagalli, Mysuru- 570 016, Karnataka



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International Conference
Electrical, Electronics, Communication, Computers and Optimization Techniques
(ICEECCOT-2017)
15th -16th December 2017

Name (in Block Letters):	Nasreen Fathima
Qualification:	MTech
IEEE Membership No.:	94363227 (Dr. Reshma Banu)
Designation:	Assistant Professor
Department:	Computer Science and Engineering
Organization:	ATME College of Engineering, Mysuru
Address for correspondence:	#1885, II Phase, II Stage, Rajivnagar, Mysuru-570019, Karnataka
DD/NEFT Details:	DD
DD No/NEFT Reference No. with date:	DD NO. 252492 Dated:13-11-2017
Amount in Rs:	Rs.5000/-
Paper Title:	Optimized Neighbor Discovery in Internet of Things (IoT)
Easychair Paper ID	198
Authors:	Nasreen Fathima, Dr. Reshma Banu, Dr. G. F. Ali Ahammed
<u>Declaration by Participant</u>	
I declare that the details furnished are true to the best of my Knowledge. I agree to abide by the rules & regulations of the Program. If selected, I shall attend the course for the entire duration.	
Name of the Corresponding Author:	Nasreen Fathima
Phone / Cell No. :	9986617206
E-Mail:	nasreenfathima16@gmail.com
Signature of the Author	
Date: 11/11/2017	
Place: Mysuru	Signature of the Principal ATME College of Engineering 13th KM, Mysuru-Kanakapura-Bangalore Road Mettahalli, Mysuru-570028

To,

Head of the department
Electronics & Communication Dept.
AIME college of Engineering
Mysuru.

From,

Girish.M
Asst. professor.
Dept. of ECE


Respected Sir,

Subject: Request to refund the registration fee of 10000/-
towards FDP held from 17th July to 19th July 2017 at GSSSIETW.

With respect to the above subject, I Girish.M. participated
in the 3 day FDP on "current research trends in Autonomous
Robotics" held at GSSSIETW, Mysuru in the above said dates.
Therefore kindly request you to refund the amount that
paid for the faculty development programme.

Thanking you


Approved


20/7/17

Date: 20/7/17
Place: Mysuru

To, Principal Sir,
For kind approval.

Dated
20/7/17

Yours faithfully

(GIRISH.M)

To,

The principal

ATMECE,
Mysuru.

Date: 14/10/17
Place: Mysuru.

From

Girish M

Asst. professor

Dept. of RCE

ATMECE,
Mysuru

Through HOD Sir,

Respected Sir,

Subject: Requested to refund the amount paid for Seminar
at Belagavi

With respect to the above subject, I was attended the one day
Seminar on "ARM CORTEX M3 MICROCONTROLLERS" held at Balekumbur
Institute of technology at Belagavi on 11/11/17. The details of TA, DA
& legislation fee is enclosed herewith for the amount of 1225/-.
Kindly request you to do the needful.

Thanking you,

inwarded to, Principal Sir for kind approval

Only

Approved to pay 14/11
from Dept association fund

[Signature] 14/11/17

Yours faithfully

[Signature]

(GIRISH M)

From,
KARTHIK KUMAR M
Asst. Professor
Dept of Mechanical Engineering
ATMECE, Mysuru

Date: 27-01-2017

To,
The Principal,
ATMECE, Mysuru

Through: HOD – ME
Respected sir,


SUB: Request to reimburse of FDP expenditures

I thank college for giving me an opportunity to attend three Day Faculty Development Program held at NMAMIT Nitte. With reference to above subject, I hereby request you to reimburse the expenditures of FDP on Theoretical and Computational Mechanics which I've attended from 19-01-2017 to 21-01-2017. The expenditures are as listed below.

1. Registration fee	-	1000/- Rs
2. Bus to and fro fare	-	1130/- Rs
Total		2130/- Rs

Thanking you,


Yours faithfully


(KARTHIK KUMAR M)

Forwarded to the principal with a request to sanction the expenditure & do needful.

C. Pattabai
27/01/2017

Approved


11/2/17

Date: 1-2-2017

From,
Rohith S
Asst. Professor
Dept of Mechanical Engineering
ATMECE, Mysuru

To,
The Principal,
ATMECE, Mysuru

Through: HOD – ME
Respected sir,

SUB: Request to reimburse of FDP expenditures

With reference to above subject, I hereby request you to reimburse the expenditures of FDP on Theoretical and Computational Mechanics which I've attended from 19-01-2017 to 21-01-2017. The expenditures are as listed below.

1. Registration fees	-	1000/-
2. Bus to and fro fare	-	1130/-
Total	-	2130/-

Thanking you,

Yours faithfully

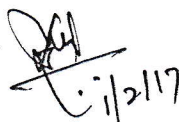


(Rohith S)

Forwarded to the principal with a request to do needful.

C. Patturaj
01/02/2017

Approved



01/02/17

Date: 1-2-2017

From,
Yashwanth N
Asst. Professor
Dept of Mechanical Engineering
ATMECE,
Mysuru

To,
The Principal,
ATMECE,
Mysuru

Through: HOD – ME

Respected sir,


SUB: Request for Reimbursement of FDP expenditures

With reference to above subject, I hereby request for the reimbursement of the expenditures of FDP on "Theoretical and Computational Mechanics" conducted by NMAMIT, Nitte during 19-01-2017 to 21-01-2017. The expenditures are as listed below.

1. Registration fees	-	1000/-
2. Bus to and fro fare	-	1130/-
Total	-	2130/-

Thanking you,

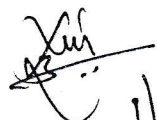
Yours faithfully


(Yashwanth N)

Forwarded to the principal with a request to sanction the reimbursement amount & do needful.

C. P. R. Patil
01/02/2017

Approved


1/2/17

Day 2: 20-01-2017

Session 5: 9.00 – 10.00

Speaker: Dr. T. Jayraju

Professor & Head, NIEIT, Mysuru

Topics covered: Basics of Fracture Mechanics

In basics of fracture mechanics prof stressed on Linear Elastic Fracture Mechanics (LEFM), theory of failure fractures – Stress concentration, Griffith strain energy theory, Irwins plasticity correction, Stress intensity factor, Crack tip plasticity, Irwins modified stress intensity factor, modes of fracture.

Tea Break: 10.00 – 10.15

Session 6: 10.15 – 1.00

Speaker: Dr. Shashidhar K Kudari

Professor, CVRCE Hyderabad

Topics covered: Non linear fracture mechanics

In the previous session Dr. T. Jayraju explained concepts of fracture mechanics and also linear elastic fracture mechanics. In this session prof stressed on Non linear fracture mechanics (Elastic Plastic Fracture Mechanics) - concepts of material deformation and failure in the context of solid mechanics when cracks are present, Fracture toughness, J integral, Crack tip opening displacement, Crack tip opening angle, 90° intercept method and some of applications.

Lunch Break: 1.00 – 2.00

Session 7: 2.00 – 3.00

Speaker: Dr. Srinivas Pai P

Professor and DOE,

NMAMIT, Nitte

Topics covered: Applications of vibration signal analysis using ANN.

Prof discussed about his research work on vibration signal analysis using Artificial Neural Network (ANN). Neural network is a simulation and working of human brain. Properties – generalization, graceful degradation, adoption and learning parallelism. He also discussed some of case studies regarding neural networks.

Tea Break: 3.00 – 3.15

Session 8: 3.15 – 4.30

Speaker: Mr. Mahadeva Nagaral

Design Engineer, HAL, Bangalore

Topics covered: Design, selection of materials and testing in an aerospace domain.

Speaker was from industry he explained how the aircrafts will be design, which material should be select and finally how testing will be done in aerospace industry.

FDP on Theoretical and Computational mechanics-2017
at

NMAMIT, Nitte , Karkala- 574110

Day 1: 19-01-2017

8.30 - 9.15: Registration and Breakfast

9.15- 10.00: Inauguration

Session 1: 10.00 – 11.30

Speaker: Keynote address by

Dr. H S N Murthy,
Professor, IIT, Madras.

Topics covered: Basics of solid mechanics and its computational techniques- Problems in solid mechanics: analytical and semi-analytical, tools for engineer, tools for design, Physical problem formulation, Engineering problem formulation.

- Solid mechanics
 - Failure of a component or structure- Material failure, excessive deformation, stability issues.
 - Strength of material approach- Idealization of structures, Large number of assumptions based on observation.
 - Elastic Approach- Less simplified model, Governing Equations, Variables.
 - Analytical modeling.
 - Numerical modeling.

Inverse and semi inverse methods- Solution in radial coordinates: Michell.

Case study: Modelling of an Engineering Problem.

Tea break :11.30-11.45

Session 2: 11.45 – 1.15

Speaker: Dr. H K Rangavittal,

Professor, BMSCE, Bangalore

Topics covered: Basics of FEM & BEM.

Prof explained the application of computers in design process, need for computational method, finite element approach, finite element method – applications and limitations, direct approach for stiffness matrix formulation of bar element and Galerkin's method.

Also explained introduction to Boundary Element Method (BEM) and its application.

Lunch break: 1.15- 2.00

Session 3: 2.00- 3.15

Speaker: Dr. S N Shridhara,
Professor, KSSEM, Bangalore

Topics covered:

Basic and application of CFD.

In session 3 prof explained about basic of Computational Fluid Dynamics (CFD).

- Complications of CFD – Simultaneous flow of heat, mass transfer, phase change, chemical reaction, mechanical movements.
- Steps involved in CFD – Physics → Modeling → Numerics → Visualization.
- Uses of CFD- Analysis & Design, Knowledge & exploration.

He also discussed about main 3 law of conservation i.e., Mass conservation, Momentum equation and Energy Conservation.

Difference between Space discretization – Grid and Structured, unstructured.

Equation discretization – Finite difference method, Finite element method.

CFD Applications

- Vehicle aerodynamics
 - Parameters –
 - Co-efficient of drag on vehicle.
 - Location of aerodynamics centres.
 - Aerodynamics moments about 3 major axis.
 - Vehicle reaction at different cross winds.

In session 4 prof explained about Applications of CFD with some of case studies on aerodynamics.

Day 3: 21-01-2017

Session 9: 9.00 – 10.00

Speaker: Dr. Govinda Raju

Professor and Head, BMSITM, Bangalore

Topics covered: Fatigue fracture

Professor discussed about his research work on fatigue behavior. He discussed about material composition, casting and heat treatment, tensile push pull equipment, load crack opening displacement, fracture toughness test, fracture crack growth test and micro-mechanism of fracture.

Session 10: 10.00 – 4.00

Speaker: Mr. Shashidhar and Mr Aravind

Cyient LTD., Bangalore

Topics covered: Hands on (Ansys work bench 17.1)

These people explained how to use Ansys work bench 17.1 with some problems regarding static, dynamic, thermal and non linear analysis.

4.00 – 4.30 : Valedictory session

From

Date: 01/01/2018

Puneeth K, Shashank P & Srivathsa H U
Dept. of Civil Engineering
ATMECE

To

The Principal
ATMECE, Mysuru

Through

Head of the Department
Dept. of Civil Engineering
ATMECE, Mysuru

Respected Sir,


Sub: Seeking permission to participate for 4 days FDP on "Software Application Laboratory"

As per the subject cited above, we are planning to participate for 4 days FDP on "Software Application Laboratory" from 8th to 11th January 2018 organized by Dept. of Civil Engineering, Dayananda Sagar Academy for Technology & Management, Bengaluru. This FDP is related to our upcoming 6th semester "Software Application Laboratory (15CVL67)", which is useful in knowing the subject and teach effectively for our students. Hence we kindly request you to grant permission in this regard and oblige.

Thank you,

Yours faithfully

forwarded to principal sir


21

Approved


21/1/18







College of Engineering

ATME COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING



Report on
Four Days Faculty Development Program on “Software
Application Laboratory FDP SAL-2018”

Jan 8th – 11th 2018

at “Dayananda Sagar Academy of Technology & Management”

Attended by

Srivathsa H U (Asst. Prof, Dept. of Civil Engineering)

Shashank P (Asst. Prof, Dept. of Civil Engineering)

Puneeth K (Asst. Prof, Dept. of Civil Engineering)

Day 1:

Session 1: During the Morning Session Mr. Amarnatha S N, Managing Director, FE Designs gave a brief introduction on CYPE Software.

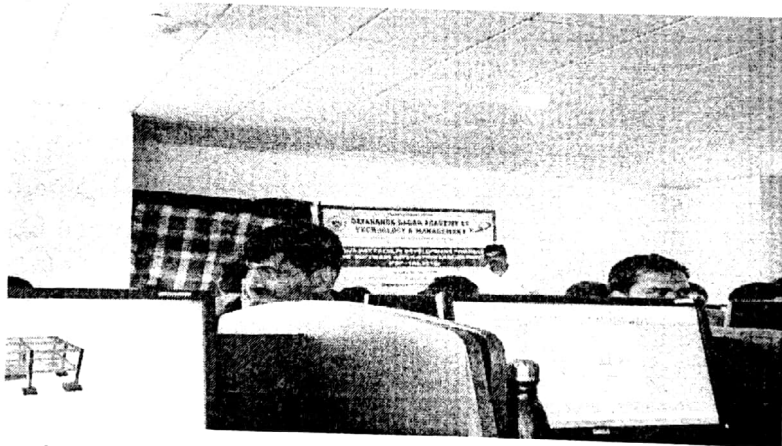
Session 2: In this session, all the faculties got exposed to 3D-analysis of Multi-Storeyed frame structures by using CYPE Software.

Session 3: In this session, hands on one-one training on Analysis of Plane trusses, Continuous Beams Portal Frames and interaction with resource person.

Day 2:

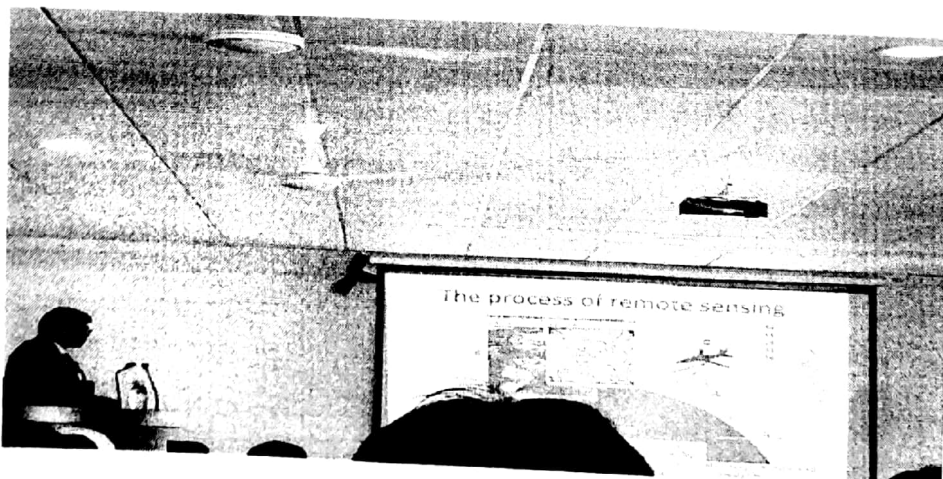
Session 1: Hands on one-one training on Analysis of Multi-Storeyed frame structures using CYPE Software.

Session 2: Hands on one-one training on Design and Layout of Multi-Storeyed frame structural elements using CYPE Software.



Day 3:

Session 1: During this session Dr. H.B. Balakrishna, Professor, Dept. of Civil Engineering, Bangalore Institute of Technology, Bangalore gave a brief introduction on RS, GIS & its applications.





Dayananda Sagar Institutions •

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi

Opp. to Art of Living, Kanakapura Main Road, Udayapura, Bangalore- 560 082

**FOUR DAY FACULTY DEVELOPMENT PROGRAM
ON SOFTWARE APPLICATION LABORATORY FDP - SAL 2018**

January 8th - 11th, 2018

Certificate

Organized by

Department of Civil Engineering

In Association with



This is to certify that Mr./Ms./Dr. Puneeth. K. of
ATME college of Engineering has participated in
Four Day Faculty Development Program On Software Application Laboratory Fdp - Sal 2018 held on January 8th to 11th 2018
at Dayananda Sagar Academy of Technology & Management, Bangalore-82


Dr. K.N. Viswanath
Prof. & Head, Dept. of Civil Engineering
DSATM


Dr. B.R. Lakshminantha
Principal
DSATM



Dayananda Sagar Institutions •

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi

Opp. to Art of Living, Kanakapura Main Road, Udayapura, Bangalore- 560 082

FOUR DAY FACULTY DEVELOPMENT PROGRAM

ON SOFTWARE APPLICATION LABORATORY FDP - SAL 2018

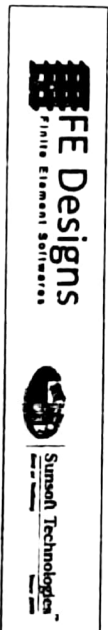
January 8th - 11th, 2018

Certificate

Organized by

Department of Civil Engineering

In Association with



This is to certify that Mr./Ms./Dr. **Sri rathna H. U.**

..... **ATME College** **D. of Engineering** **Mysore** *has participated in*

..... *Four Day Faculty Development Program On Software Application Laboratory FDP*
at Dayananda Sagar Academy of Technology & Management, Bangalore

Dr. K. N. Mshwanath
Head, Department of Civil Engineering
DSATM

Dr. B. R. Lakshminantha
Principal
DSATM

From,
Srivathsa H U, Shashank P & Puneeth K
Assistant Professor,
Civil Engineering Dept.
ATMECE, Mysuru

Date: 6/02/2018

To,
The Principal
ATMECE, Mysuru

Through,
Head of the Dept.
Civil Engineering Dept.
ATMECE, Mysuru

Respected Sir,

Sub: Regarding travelling and accommodation expenses of FDP

As per the subject cited above, we have attended four days Faculty Development Program on "SAL-2018" from 8th to 11th Jan 2018, held at Dayananda Sagar Academy of Technology and Management college, Bengaluru. The travelling and accommodation expense details are given below and bills are enclosed. So we kindly request you to refund the same and oblige.

Travelling expenses:- Bus fare: $[125 + 118]*3$	= Rs 729/-
Accommodation expenses: $1000*3$	=Rs 3000/-
Total Amount	=Rs 3729/-

Enclosed: Bus tickets & Accommodation receipt

Thank you,

Yours sincerely

Srivathsa

Puneeth K

9 1000-

CV/ATHE

JANANI

(Affiliate Hostel of DSATM)
Udayapura, Kanakapura Road, Bangalore - 560 082.

No. 320

RECEIPT

Date 8/1/18

Received with thanks from Shrivathsa a sum of

Rupees One thousand Rs only
towards Boarding & lodging for FDP.

by Cash / Cheque No. Dt.

Rs. 1000/-
(Cheques subject to Realisation)

[Signature]
Signature

CV/ATHE Mysore

JANANI

(Affiliate Hostel of DSATM)
Udayapura, Kanakapura Road, Bangalore - 560 082.

No. 319

RECEIPT

Date 8/1/17

Received with thanks from Shashank P. a sum of

Rupees One thousand Rs only
towards Boarding & lodging for FDP.

by Cash / Cheque No. Dt.

Rs. 1000/-
(Cheques subject to Realisation)

[Signature]
Signature

CV/ATHE Mysore

JANANI

(Affiliate Hostel of DSATM)
Udayapura, Kanakapura Road, Bangalore - 560 082.

No. 318

RECEIPT

Date 8/1/17

Received with thanks from Puneeth a sum of

Rupees One thousand Rs only
towards Boarding & lodging for FDP.

by Cash / Cheque No. Dt.

Rs. 1000/-
(Cheques subject to Realisation)

[Signature]
Signature

ಕ.ರಾ.ರ.ಸಾ.ನಿಗಮ
ಮೈಸೂರು ಬಸ್ ನಿಲ್ದಾಣ
No:408829 08/01/18 06:18:16
EXPRESS VEHICLE NO

ಮೈಸೂರು -- ಸ್ಯಾಂಡ್‌ಸ್ಪಾಂಟ್
MYSORE -- MCTC
PROMOTIONAL FARE

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MYSORE -- MCTC
PROMOTIONAL FARE

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No:408831 08/01/18 06:18:20
EXPRESS VEHICLE NO

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MYSORE -- MCTC
PROMOTIONAL FARE

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