

Dr/15/9/16
22/09/2016

15/9/16

From,

J.M. BABU, TIS 1628

Associate Professor

Dept. of Mechanical Engg

Vel Tech University

C-1281
6/10/16

To,

The Director Academics,

Vel Tech University.

Travel : $650 \times 2 = 1200/-$

Registration : $660/- = 660/-$

G24.0.2

1960/-
6/10

Sub: Requesting Approval for attending workshop - Biofuels and Combustion Research - NIT Trichy - Reg.

Respected Sir,

I am willing to attend workshop in NIT Trichy on "Bio fuels and Combustion" from 26/09/16 to 01/10/2016. This topic very close to my Research as well as the subjects which I am handling now (Thermal Engineering). I am requesting, to kindly permit me to attend the workshop. Approval is needed for the following.

1. Permission to attend workshop from 26/09/16 to 01/10/16

Sactioning of Special Leave.

3. Financial Support (if possible) $650 \times 2 = 1300 + 660 = 1960/-$
 $240 \times 2 = 480 + 660 = 1140/-$

Thanking You Sir,

Recommended & forwarded for approval please.

Yours' faithfully
6/10/16

DIRECTOR
(Academics)

15/9/16

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science And Technology

(Estd. u/s 3 of UGC Act, 1956)

①
Approval
not received.

Date:

②
C - 1281

TTS 1628

Ref:/FDP/VTU / 376

13 Apr 2017

To

Present Address:

BABU. J.M
P CHERVUKOMMUPALEM (V, P),
NUZERDLA (MD), GUNTUR (DIST).
A.P - 522 659
9492089089

Permanent Address:

Same as communication
address

Sir/Madam,

We hereby acknowledge the receipt of the following certificates :

1. CERTIFICATE FOR COMPLETED A WORKSHOP ON BIOFUELS AND COMBUSTION RESEARCH BY MECHANICAL DEPT. NIT TIRUCHIRAPPALLI FROM 26-SEP-2016 TO 01-OCT-2016.
2. CERTIFICATE FOR 2nd INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN NEW AND RENEWABLE ENERGY SOURCES AND ENERGY MANAGEMENT (ICETNRESEM -2017) 23 & 24 MAR-2017 BY AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY.
3. CERTIFICATE FOR PRESENTED A PAPER TITLED EXPERIMENTAL INVESTIGATION ON THE PERFORMANCE OF THE DIESEL ENGINE WHEN OPERATED WITH COTTON SEED BIO-DIESEL BY CHANGING THE INJECTION PRESSURE IN THE NATIONAL CONFERENCE ON MODERNISATION, DYNAMISATION MECHANISATION & STRUCTURALISATION HELD ON 20-JAN-2017 AT VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHAL ENGINEERING COLLEGE.
4. CERTIFICATE FOR PRESENTED A PAPER TITLED EXPERIMENTAL INVESTIGATION ON THE EFFECT OF INJECTION PRESSOR ON ENGINE PERFORMANCE AND EXHAUST EMISSION. IN THE NATIONAL CONFERENCE ON MODERNISATION, DYNAMISATION MECHANISATION & STRUCTURALISATION HELD ON 20-JAN-2017 AT VEL TECH MULTI TECH Dr. RANGARAJAN Dr. SAKUNTHAL ENGINEERING COLLEGE.

For VEL TECH RANGARAJAN Dr. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

REGISTRAR.

Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science And Technology
(Estd. u/s 3 of UGC Act, 1956)

400 feet Outer Ring Road, Avadi, Chennai-600 062.
Tamil Nadu, India

Verified By:

Accepted by:

(B. S. R. R. R.)

(L. S. R. R. R.)

(BABU. J.M)



400 Feet Outer Ring Road, Avadi,
Chennai-600 062, Tamil Nadu, India.

Toll Free : 1800 3070 6949

Landline : +044 2684 0262 / 2684 0605

Email : vtu@veltechuniv.edu.in

Website : www.veltechuniv.edu.in



AVIT



AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

An ISO: 9001:2008 Certified Institution
An Ambit Institution of

VINAYAKA MISSIONS UNIVERSITY

VINAYAKA MISSIONS RESEARCH FOUNDATION

(Declared Under Sec.3 of the UGC Act. 1956) (Accredited by NAAC)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2nd INTERNATIONAL CONFERENCE ON

EMERGING TRENDS IN NEW AND RENEWABLE ENERGY SOURCES AND ENERGY MANAGEMENT
(ICETNRESEM -2017) - 23rd & 24th MARCH 2017

Certificate of Participation

This is to certify that Dr/Mr/Ms...J.M...BABU.....of Vel Tech...Dr.R.R.& Dr...SR.University...

has successfully presented a paper / participated / attended tutorial on *Experimental investigation on the effect of injection parameters on diesel engine performance when operated electrically in the 2nd mix cycle*

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN NEW AND
RENEWABLE ENERGY SOURCES AND ENERGY MANAGEMENT held on
23rd & 24th March 2017

Le At

Prof. L. Chitra, Asso. Prof./EEE
Prof. V. Rattan Kumar, Asst. Prof.(Gr-II)/EEE
Co-ordinators

P. Rajasekaran
Prof. P. Rajasekaran
HOD/EEE
Conference Co-Chair

y
Dr. Vemuri Lakshminarayana
Principal, AVIT
Conference Chair



Col. Prof. Dr. R. Rangarajan
B.E. (Aeronautical), M.Sc., M.S. (Aeronautical)
Founder & Chairman



VEL TECH MULTITECH

Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

(Approved by AICTE-New Delhi, Affiliated to Anna University, Chennai)
(Accredited by NBA-New Delhi & An ISO 9001: 2008 Certified Institution)

Accredited by NAAC with 'A' Grade, with an impressive score of 2.49/4.0



Dr. Mrs. Sakunthala Rangarajan
M.Sc.
Vice-Chairman

National Conference on Modernisation, Dynamisation Mechanisation & Structuralisation



NCMDMS'17

Certificate of Appreciation

This is to certify that

Mr/Ms BABU JM

of VEL TECH UNIVERSITY

presented a paper titled EXPERIMENTAL INVESTIGATION ON THE EFFECT OF
INJECTION PRESSURE ON ENGINE PERFORMANCE
AND EXHAUST EMISSIONS

and has won _____ place in the National Conference on

Modernisation, Dynamisation Mechanisation & Structuralisation

held on 20th January 2017

at Vel Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College,

Avadi, Chennai - 62.

Chief Guest / Keynote Speaker

Dr. V. Rajamani
Principal

Col. Prof. Dr. R. Rangarajan
Founder & Chairman

Accredited
by
NAAC
with
'A' Grade



DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI - 620 015

Certificate

This is to certify that Mr. J.M. BABU, Associate Professor,

Vel Tech Dr. R.R. and Dr. S.R. Technical University, Chennai

has successfully completed a workshop on "Biofuels and Combustion Research", organized by Mechanical Engineering Department, National Institute of Technology, Tiruchirappalli from Sep 26th to Oct 1st, 2016.

Sponsored by

T.E.D.I.P.
Technical Education
Quality Improvement
Program - II

DR. R. ANAND
COORDINATOR

DR. V. ARUL MOZHI SELVAN
COORDINATOR

DR. T. SUTHAKAR
H.O.D./MECH. ENGG.

OBJECTIVE:

The ever increasing crude oil prices and the alarming environmental crisis, use of alternative fuels is no longer a matter of future: it is a realistic issue of present. Conventional fuel sources are getting a lot harder to extract and the environment is also being heavily polluted by emissions produced by burning petroleum products. It's time now to reduce degrading the environment further and the obvious way ahead is through use of alternative fuels and after-treatment devices. Addressing these issues, this program is designed to give an in-depth analysis of present and future biofuels and its combustion, pollutant formation and control.

COURSE CONTENT:

- Biofuel sources and production techniques
- Role of catalysts on biofuel production
- Upgradation of biofuel and economics
- Biodiesel production and optimization
- Fuel property modifications
- Alternate fuels for IC Engines
- Combustion in SI & CI Engines
- Chemical and combustion kinetics
- Flow simulation studies using CFD
- Optimization studies using DOE/ANN
- Pollutant formation & Control
- Emission standards and measurement
- Instrumentation for engine research
- Visit to Fuels / Engine Research Laboratory

FACULTY:

The contents of the course will be delivered by faculty drawn from the Institutes of National Importance (IISC / IIT / NIT) and Industry.

COURSE MATERIAL:

Course materials will be given to all the participants.

ELIGIBILITY:

Teachers/Researchers from degree level technical Institutions and R&D establishments are eligible to attend the program.

SELECTION PROCEDURE:

First come first served basis limited to 40 only.

TRAVELING ALLOWANCE:

No Traveling allowance will be paid to the participants.

BOARDING AND LODGING:

Boarding and Lodging will be arranged in the Institute Guest House / Hostel subject to the availability for the outstation participants upon request. However, food and snacks will be given for all the participants.

HOW TO APPLY?

Completed applications in the format enclosed and duly sponsored along with a non-refundable Registration fee of Rs.660/- (Rupees Six hundred and Sixty only) drawn in favour of "The Director, National Institute of Technology, Tiruchirappalli - 620 015" payable at State Bank of India, NIT, Tiruchirappalli may be forwarded to the Coordinator so as to reach NOT later than 22.09.2016. Candidates provisionally selected will be intimated by 23.09.2016. All further communications will be sent through only by email. The application can also be downloaded from our web site: www.nittr.edu

HOW TO REACH NIT-T:

NIT-T is located on the Tiruchirappalli - Tanjore highway (NH-67) about 23 km from Tiruchirappalli railway station. One can avail Bus No.128 or Tanjore bound buses from the Central Bus Stand (CBS) or city buses from Chathiram bus stand.

Important Dates to Remember:

Last date for receiving the applications : 22.09.2016
Intimation of selection (by email only) : 23.09.2016

DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015

REGISTRATION FORM

A WORKSHOP ON BIOFUELS AND COMBUSTION RESEARCH (26.09.2016 to 01.10.2016)

Name : J. M. BABU

Age & Sex : 33, MALE

Qualification : M.TECH, PhD

Designation : Associate Prof

Department : Mechanical Engg

Experience : 7 years Teaching + 3 years Industry

Address : Vel Tech University

AVadi, Chennai

— 600062

Email ID : jmbabu@veltechuniv.edu.in

Phone : 9884827012

Mobile : Yes

Do you require Hostel accommodation? :

Details of DD enclosed :

Amount :

DD No. :

Date :

Bank :