

Date: 21/9/16

From

Belgin Paul D.L
TTS 2113, Asst. Professor,
Dept. of Mechanical Engg.,
Vel Tech University,
Chennai - 62.

C-1263
PDP
27/09/16

Plz approve O.D only

27/9/16
(S. Ilambasan)

To

The Director Academics,
Vel Tech University,
Chennai - 62.

Respected Sir,

Sub: Seeking Permission to attend AICTE short term training programme at IIT Madras - Reg

I would like to attend a short term training programme on "Tribology in Design" at IIT Madras between 7th - 12th November 2016.

I kindly request you to,

- 1) Permit me to attend the programme.
- 2) Approve 5 days special leave from 7 - 12th November 2016.
- 3) Financial Support for registration not required as there is no course fee for the participants from AICTE approved institutions.

Thanking You.

Recommended & Forwarded



21/9/16

Yours faithfully
Belgin Paul
(D.L. Belgin Paul)

SPONSORSHIP CERTIFICATE (Required for teachers from AICTE recognized institutions only) Certified that Dr./Mr/Ms. <u>Belgin Paul D.L.</u> is a faculty of our institute and is hereby sponsored for attending the QIP short term course on "Tribology in Design" to be conducted at IIT Madras from 7-12 November 2016. Signature of Sponsoring Authority (with date and seal) Duly filled application forms should be sent to: Dr. P. Ramkumar Assistant Professor Machine Design Section Mechanical Engineering Department Indian Institute of Technology Madras Chennai- 600036 Email : ramkuamr@iitm.ac.in Fax : 044-2257-4652 Phone : 044-2257-4684 Note: Please make photocopies of Registration form if more number of copies is required.	TRAVEL The course participants are eligible for 3-Tier AC train fare by the shortest route. BOARDING AND LODGING Boarding and lodging facilities will be provided at the Taramani Guest House, IIT Madras for participants from AICTE approved institutions on twin sharing basis. <i>Kindly note, family accommodation is not available.</i> VENUE FOR CLASSES Classes will be held in the Machine Design Section (MDS), Department of Mechanical Engineering, IIT Madras. RESOURCE FACULTY The resource faculty includes experts from IIT Madras and from other reputed institutions / organizations. ELIGIBILITY Faculty of Mechanical Engineering from AICTE approved colleges are eligible to apply. Eligible teachers are requested to send the filled in application and sponsorship certificate to the coordinator before the last date. IMPORTANT DATES Last date of receipt for applications: 26-09-2016 Intimation of selection: 10-10-2016 (through email / FAX) Candidates have to confirm their acceptance upon intimation of selection to tribologyindesign@gmail.com	AICTE QIP SHORT TERM TRAINING PROGRAMME ON Tribology in Design 7-12 November 2016  Sponsored by All India Council for Technical Education Coordinators Dr. P. Ramkumar Dr. A. S. Sekhar Organized by  Department of Mechanical Engineering Indian Institute of Technology Madras Chennai- 600 036
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OBJECTIVES The study of friction, wear, and lubrication is of vast practical importance, because the functioning of many mechanical, electro-mechanical and biological systems depends on the appropriate friction and wear magnitudes. The understanding of tribological working principles and their appropriate application is an essential requirement for optimum design, operation and maintenance of tribo-systems. The tribological expertise helps to improve service life, safety and reliability of interacting machine components and systems, consequences substantial economic benefits. This course is aimed at providing the necessary concepts, knowledge, and skills in engineering Tribology. Thus useful in design and maintenance of machine components and products. The main highlight of the course is to cover fundamentals and applications of tribology including the latest developments in the field along industrial related case studies. This short term course involves invited lectures by distinguished experts from IITs and reputed industries and R&Ds in the field of Industrial Tribology and its applications	REGISTRATION There is no course fee for the participants from AICTE approved engineering colleges. However, the short listed candidates after hearing from the coordinator, need to pay a refundable deposit of Rs.500/-. This amount shall be paid through a demand draft drawn in favour of Registrar, IIT Madras, payable at Chennai. This deposit will be refunded to the course participants at the end of the course. COORDINATORS Dr. P. Ramkumar & Prof. A. S. Sekhar Machine Design Section Mechanical Engineering Department Indian Institute of Technology Madras Chennai- 600036	APPLICATION FORM AICTE QIP SHORT TERM TRAINING PROGRAMME ON Tribology in Design (7-12 November 2016) (Filled Application should reach on or before 26 Sept 2016) For Additional copies, Please photocopy this form) Name: <u>BELGIN PAUL D.L</u> Designation: <u>ASSISTANT PROFESSOR</u> Department: <u>MECHANICAL ENGG.</u>
COURSE OUTLINE The short term course will cover the following topics: ➤ Theories on Friction, Wear and Lubrication ➤ Surface Engineering and Contact mechanics ➤ Corrosion and Coatings ➤ Journal and Rolling Element Bearings ➤ Gear Tribology ➤ Rotor-Bearing System ➤ Condition Monitoring ➤ Tribo-Testings ➤ Special topics: Engine Tribology, Space Tribology, and Bio/ Nano Tribology	ABOUT THE DEPARTMENT & LABORATORY The Department of Mechanical Engineering is one of the largest in IIT Madras. It comprises of three major streams namely Manufacturing, Design and Thermal. It has excellent facilities for carrying out theoretical and experimental research. The Machine Design Section comes under the Design Stream. Major areas of current research of this laboratory are focused on Advanced Materials, Fatigue, Fracture, Machine Dynamics & Acoustics, Tribology, Computer Aided Design and Non-Destructive Testing.	Organization: <u>VEL TECH UNIVERSITY</u> Educational Qualification: <u>M.E - CAD</u> Experience: <u>2.3 years</u> Mailing Address: <u># 42, Avadi, vel tech Road, Avadi, Chennai - 60.</u> email: <u>belginpaul@veltechuniv.edu</u> (Needed for selection intimation) Tel. Phone: _____ Mobile: <u>8012618628</u> Date: <u>21/9/16</u> <u>Belgin Paul</u> Signature of Applicant



Centre for Continuing Education Indian Institute of Technology Madras

This is to certify that

D L Belgin Paul

Vel Tech University, Avadi

has participated in an AICTE Sponsored Short Term Course on

“TRIBOLOGY IN DESIGN”

organized by the Department of Mechanical Engineering

From 07th November to 12th November, 2016

P. Ramesh
(P. Ramkumar)

Coordinators
Mechanical Engineering

B. V. S. S. Prasad
(B. V. S. S. Prasad)

Head
Mechanical Engineering

A. Ramesh
(A. Ramesh)

Chairman
Centre for Continuing Education

AP/melt / FDP-A

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