

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the AICTE-MHRD Programme. I shall attend the course for the entire duration.

Place :

Date :

Signature of Applicant :

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr. _____

_____ is an employee of our institute and is sponsored to attend the AICTE - MHRD SDP course, if selected.

Place :

Date :

Signature and seal of sponsoring authority

ADDRESS FOR CORRESPONDENCE

Dr. S.P. Kumaresh Babu, Asst.Prof,
Mr. S. Jerome, Lecturer
Dept. of Metallurgical and Materials Engineering
National Institute of Technology,
Tiruchirappalli - 620015, Tamilnadu.
Email : jerome@nitt.edu Mobile : 94430 22544

RESOURCE PERSONS

The lectures will be delivered by eminent scientists from R & D labs, industry persons and faculty from IISc, IITs and NITT.

ELIGIBILITY & REGISTRATION

Newly recruited teachers having less than / up to five years of experience in areas of technical education from AICTE approved institutions are eligible to participate

Participants from Industries, Govt / Semi-Govt. organization and Institutions not approved by the AICTE are also eligible, provided they meet their TA/DA, etc.

- ◆ Faculty members : Rs. 500/- (refundable)
- ◆ Other members : Rs.2000/-

Registration can be made with the course coordinators in the prescribed application form along with crossed Demand Draft in favor of "Coordinator AICTE-MME" payable at Tiruchirappalli.

TRAVEL AND ACCOMMODATION

Selected faculty members from AICTE approved Institutions will be paid maximum AC-3 tier to and fro journey by shortest route from their respective place of work on production of travel tickets. Boarding and lodging will be provided in the college hostels.

IMPORTANT DATES

Last date for receiving the Completed registration form : 09.01.2009

Notification regarding selection : 12.01.2009

(by email only)

MHRD - AICTE

*Staff Development Programme
on*

Recent Advances in Materials and Processing Technologies

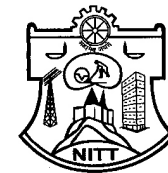
(19 - 30, January 2009)



Coordinators

**Dr. S. P. Kumaresh Babu
S. Jerome**

Organized by



**Dept. of Metallurgical and Materials Engineering
NATIONAL INSTITUTE OF TECHNOLOGY
Tiruchirappalli - 620 015**

Website : www.nitt.edu

ABOUT NIT, TIRUCHIRAPPALLI

The National Institute of Technology, Tiruchirappalli was started during 1964. The Institute has acquired the Deemed University Status and is fully funded by the Central Government since 2003. With students drawn from all the states of our country and faculty recruited through open advertisement at the national level, the Institution has an all India character. Ever progress and it now offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty-two disciplines of Technology besides M.S. and Ph.D. in all the departments. Institute campus is of about 800 acres. Essential basic amenities are available in the campus.

ABOUT THE DEPARTMENT OF MME

This department got established in the year 1968. The department offers under graduate program in MME, two post graduate programmes in Welding Engineering and Materials Science and Engineering along with M.S. (by Research) and Ph.D. programmes. Recently it has captured many R&D and consultancy projects from Government agencies such as DRDO, MHRD, DST, AICTE, UGC, AR&DB, NRB and ISRO. It will be appropriate to mention that projects worth more than one crore are on going.

In appreciation of these credentials, Government of India has recognized this department as a Centre for Quality Improvement Programme in PG and Ph.D. courses for benefit of the faculty spread all over India.

Current research activities focus on Synthesis of Nano Sized Crystals by Mechanical Alloying, Powder Metallurgy, Tribological Studies, Corrosion Studies, Metal Forming studies such as ECAP, Cryo Rolling, Synthesis of in situ MMC's, Bio Materials, Welding of Composites, Solid State Welding, Process Modeling by ThermoCalc, Electrolytic Plasma Processing and Synthesis of Intermetallics.

ABOUT THE COURSE

Materials have paved way for civilization and engineering excellence. Today, advanced, special purpose strategic, nano, bio, smart and futuristic materials dictate the technological and supremacy of the country. An integrated multi disciplinary approach involving planning, processing, characterization and adoption of these materials is need of the hour. The success journey of the mission CHANDRAYAN - 1 is clearly proving the importance of the materials technology.

The aim of this programme is to provide an environment where experts from research institutions, professionals from industry and academia collaborate to identify and address pivotal multidisciplinary issues in materials and its processing technologies. It is planned to give more insight into materials field and provides a deeper knowledge of the importance of materials and its applications. We believe that faculty attending this programme will enhance their knowledge in broad aspects so that better input will be transferred to the student community.

TOPICS TO BE COVERED

- ✦ Aerospace materials
- ✦ Boiler grade Materials
- ✦ Steels and cast irons
- ✦ Superalloys
- ✦ Metal Matrix Composites
- ✦ Nano Materials
- ✦ Magnetic and Electronic Materials
- ✦ Welding and its allied processes
- ✦ Foundry & Metal Casting
- ✦ Corrosion Engineering
- ✦ Surface Engineering & Tribology
- ✦ Process Modeling
- ✦ Automobile materials
- ✦ Nuclear Materials
- ✦ Light alloys
- ✦ Bulk Metallic Glasses
- ✦ Ceramics & Polymers
- ✦ Bio Materials

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REGISTRATION FORM

MHRD - AICTE

*Staff Development Programme
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(19 - 30, January 2009)

1. Name :
2. Gender :
3. Qualification :
4. Designation :
5. Organisation :
6. Experience :
7. Communication address :
8. Mobile No :
9. Email :
10. Accomodation required: Yes [] No []
11. Details of Registration Fee
Amount : _____ Date : _____
Bank Name & Place : _____
DD No. Date _____