



Director's Message

I wish you a Happy & Prosperous New Year 2010!

NIT, Tiruchirappalli received HIGHEST USAGE AWARD from both Science direct and Springer for the year 2009. Our Institute maintain best user award from Science direct for the second year in succession. I congratulate all the faculty members and research scholars for their continued research contributions!

MoU's & MoA's

MoU Signed Between: NIT, Tiruchirappalli and NLC, Neyveli

Title / Cost / Duration : Corrosion Control of SWC pumps of Lignite Mines / Rs. 28,50,000 / 2009-2011

Investigators: Professor S. Natarajan and Dr. S. P. Kumaresh Babu / MME

MoU Signed Between: NIT, Tiruchirappalli and BHEL, Tiruchirappalli

Title / Cost / Duration : Distribution of load transfer pattern and Stress Distribution with large openings in the furnace walls of CFBC boilers / Rs. 7, 50,000 / 2009-2010 (6 months)

Investigator: Professor K. Sankaranarayananasamy / MEC

MoA Signed Between: NIT, Tiruchirappalli and CDAC, Trivandrum

Title / Cost / Duration: Modeling and Control of Processes with Large Process Lag and Random disturbances / Rs. 10,00,000 / 2009-2011

Investigator: Professor T. K. Radhakrishnan / CHL

Sponsored Projects

Title: Spectroscopic characterization of the agnostic interactions and the co-ordination modes of transition metals in the functionalized multi dentate scorpionate ligands

Investigator: Dr. A. Sreekanth / CHY

Cost / Duration / Sponsor: Rs 17,13,800 / 2009-2012 / DST

Title: Development of Improved friction Stir welding Process to weld High Strength Materials

Investigator: Dr. S. Muthukumaran / MME

Cost / Duration / Sponsor: Rs. 19,04,000 / 2009-2011 / DNRD

Title: Surface Modification of titanium and titanium Alloy Bio-medical Implant Materials by Plasma Electrolytic Oxidation and characterization for Biomedical Applications

Investigator: Dr. N. Ramesh Babu / MME

Cost / Duration / Sponsor: Rs. 27,56,000 / 2009-2012 / DBT

Title: Synthesis and exciton dynamics study on semiconductor quantum dot nanocomposite polymers

Investigator: Dr. B. Karthikeyan / PHY

Cost / Duration / Sponsor: Rs. 20,40,000 / 2009-2012 / DST

Title: Microstructure and machinability characteristics of high strength aluminum based in situ composites

Investigator: Mr. P. Senthil / PRO

Cost / Duration / Sponsor: Rs. 17,40,000 / 2009-2012 / DST

Title: Modeling of environmental emission and design and development of fuzzy controlled fume extraction system for Electric Discharge Machining process

Investigator: Dr. S. P. Sivapirakasam / MEC

Cost / Duration / Sponsor: Rs. 16,89,775 / 2009-2012 / MEF

Ph. D. Viva-Voce

Candidate Name / University: Mr. R. P. Ezhilmuthu / Bharathidasan University, Tiruchirappalli

Thesis Title: Pharmacognostical, Pharmacological and Biochemical Studies of Ecbolium viride

Supervisor: Professor N. Sulochana / CHY

Venue / Date: NIT, Tiruchirappalli / November 23, 2009

Foreign Visitors

Name / Duration: Professor Christian Bruneau, University of Rennes, France / December 16-19, 2009

Host Faculty: Dr. R. Karvembu / CHY

Forth Coming Events

Organizers: Dr. A. Vadivel, Dr. Ramjeevan Singh Thakur / CA

Event / Duration: National Conf. on Advanced Pattern Mining and Multimedia Computing / Feb. 25-26, 2010

Academic Awards / Achievements

Microwave Group: Professors S. Raghavan, Gunavathi, Rebacca, Pandeewari, Research Scholars Mr. T. Shanmughanadham, Mr. P. Thiruvallarselvan, Mr. Akkala Subbarao and other Scholars / ECE

Achievement: Presented many research papers in various conferences in India

Events / Duration: IEEE-APMC'2009, IEEE-AEMC'2009, ISMOT-2009, ICMARS-2009, ICSSC2009, ICSSC2009, IEEE-INDICON- 2009, IEEE-ARTCOM'2009 / December 2009

Name: Dr. B. Koteswara Rao Naik / MBA

Paper Title: Patenting & Technology Transfer: The Strength of IITs & IISc

Award / Venue / Duration: Best research paper of 1st IPR Researchers' Confluence / IIT(B) / Dec. 21-22, 2009

Name: Dr. P. Palanisamy / ECE

Gold Medal: Best Ph.D. Thesis (Engg Stream) in NIT, Tiruchirappalli / 5th Convocation / August 22, 2009

Thesis Title: Active Sonar Target Detection and Bearing Estimation from a Mobile Two-Dim. Array of Sensors

Name: Dr. R. Karvembu / CHY

Grant / Venue / Duration : Sophia University Lecturing-Research Grant 2009 / Japan / May-August, 2009

Co-Curricular Achievements

Team: Cadets of NCC 'A' Flight, NIT, Tiruchirappalli

Achievement: Rolling Shield for Overall Best in camp / Best Disciplined Flight

NCC Camp: 3 (TN) Air Sqn (Tech) NCC - Combined Annual Training Camp

Venue / Duration: Bishop Heber College, Tiruchirappalli / December 26, 2009 to January 3, 2010

Short Term Courses

Organizers: Dr. B. Ravisankar, Dr. S. P. Kumaresh Babu and Prof. S. Jerome / MME

MHRD-AICTE FDP: Recent Advances in Materials and Processing Technology / June 1-12, 2009

Organizers: Dr. B. Ravisankar and Dr. K. Sivaprasad / MME

AICTE-QIP short term course: Smart Processing of Materials / August 10-14, 2009

Organizer: Dr. K Dhanalakshmi / ICE

Workshop: Wireless Sensor Networks / December 6, 2009

Dr. K Dhanalakshmi / ICE: Organizing Secretary of 4th National Conference on Instrumentation and Control Engineering (ICECON'09) / December 7-8, 2009

Organizer: Dr. B. Koteswara Rao Naik / MBA

Workshop: Intellectual Property and Innovation Management in Knowledge Era / Sept. 7, 2009

Organizers: Dr. N. Sivakumaran, Dr. K. Srinivasan and Dr. S. Narayanan / ICE

AICTE-MHRD SDP: Computer Control of Processes / January 4-9, 2010

Organizers: Dr. S. P. Sivapirakasam and Dr. K. R. Balasubramanian / MEC

AICTE-MHRD SDP: Quantitative Research Techniques for Engineers and Researchers

Duration: December 21, 2009 to January 2, 2010

Organizers: Dr. S.R.Balasundaram, Prof. B. Ramadoss / CA, Prof. N.Ramasubramanian / CSE

Work shop: E – Learning Trends and Technologies / January 22-23, 2010

National Seminar & Exhibition: Non Destructive Evaluation (NDE 2009)

Venue / Duration: BHEL-NIT, Tiruchirappalli / December 10-12, 2009

Please send your details to: icsradone@nitt.edu