

Invited talks by Dr. N. Ramesh Babu, Dept. of M.M.E, NIT Trichy.

1. Invited Talks at Conferences

Sl. No	Date	Title of the talk and Event
1.	07 - 09 Dec 2020	Delivered a Key note talk on Nano structured PEO Coatings for implant materials at International Conference on Processing and Fabrication of Advanced Materials organized by VIT Chennai
2.	25-27 Sep 2019	Surface Modification of Cp-Ti Metallic Implant Material by Plasma Electrolytic Oxidation International symposium on Bulk Nanostructured Materials at UFA, Russia organized by UFA State Aviation Technical University UFA, Russia
3.	19-21 Dec 2014	Second International Conference on Nanostructured Materials and Nanocomposites (ICNM 2014) to be held on 19, 20 and 21 December 2014, Kottayam, Kerala, India. The conference is organized by International and Interuniversity Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India.
4.	21-23 Aug 2014	(Key note lecture)Development of nanostructured oxide and oxide/hydroxyapatite composite coatings on metallic implant materials by plasma electrolytic oxidation; Three Days National conference on Bio-Nanotechnology (BIONANO' 14) 21 –23 August, 2014, organized by Department of Nanotechnology Sri Ramakrishna Engineering College, Coimbatore –641 022
5.	15 th May 2014	International Symposium on Corrosion & Materials Degradation (ISCMD 2014) under the auspices of 9th International Materials Technology Conference and Exhibition (IMTCE 2014). Date: 14th – 15th May 2014, KUALA LUMPUR, MALAYSIA. The conference is organized by the Institute of Materials, Malaysia (IMM).
6.	23 Dec 2013	Fabrication of corrosion resistant and bioactive coatings on metallic implant materials by plasma electrolytic oxidation; National Conference on Challenges in Biomaterials Research, Jointly organized by VIT Vellore and CSIR-CECRI at VIT Vellore, 23-24 Dec 2013
7.	7-9 Aug 2013	Plasma electrolytic oxidation for surface modification of metallic implant materials; International conference on Surface Engineering For Research and Industrial Applications - INTERFINISH-SERIA 2013 organized by Rajalakshmi Engineering College (REC) in association with International Union for Surface Finishing (IUSF) at Chennai, India

2. Invited Talks at workshops

Sl.No	Date	Title of the talk and Event
1.	25-6-2022	Delivered Invited lecture on "Development of Corrosion resistant PEO coatings on Metallic Implant Materials". One day Seminar on Recent developments in Biomaterials, Organized by NACE International Gateway India Section South Zone (NIGIS SZ) & Department of Chemistry, Anna University, Chennai
2.	5-6-2020	Delivered Invited lecture on "Advances in Metallic Implant Materials and coatings". Two-Day Faculty Development Program on "Novel Materials in Engineering". 4-5, June 2020
3.	18-10-2019	Delivered a lecture on Design and Surface modification of Implant Materials Faculty Development Programme on "The Role of Smart Materials in Digital Manufacturing and fourth Industrial Revolution(Factories for Future)". 10-23 october 2019

4.	9-10 Sep 2016	“Biomaterials - Surface treatments, coatings and characterisation” ICMR sponsored seminar on Current Trends in Biomaterials and Applications of FEM in Dentistry, K.S.Rangasamy College of Technology, Tiruchengode - 637 215.
5.	7-8 March 2014	Fabrication of corrosion resistant and bioactive coatings on metallic implant materials by plasma electrolytic oxidation; National workshop on Advances In Materials And Processing Technology University college of engineering, Vijayanagaram JNTU Kankinada 7-8 March 2014.
6.	23 Feb 2014	Trends in Biomaterials; Workshop on trends in bio medical engineering, 22nd and 23rd February 2014 (under TEQIP-II) organized by Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli-620 015.
7.	21 Dec 2013	Plasma electrolytic oxidation coatings, Short term course on Engineering Materials and Manufacturing Processes, NIT Trichy, 16-21 Dec 2013
8.	20 Dec 2013	Nanostructured coatings by Plasma Electrolytic Oxidation Processing, workshop on Applications of Nanotechnology in Mechanical Engineering, NIT Trichy, 18-21 Dec 2013
9.	13 Dec 2013	Nanostructured ceramic coatings by Plasma Electrolytic Oxidation, National Workshop on Optoelectronics and Advanced Materials (OPAM-2013), 12 & 13 th Dec 2013, Anna University Trichy
10.	23 Nov 2013	Plasma electrolytic oxidation coatings; DST sponsored seminar on Advanced manufacturing Processes, organized by PVP Siddhartha Institute of Technology, Kanuru, Vijayawada Andhra Pradesh
11.	May 28, 2013	Plasma electrolytic oxidation for industrial and biomedical applications; DRDO Naval Research Board sponsored National Workshop on Surface Modifications of Structural Materials, May 27-28, 2013, NIT Trichy
12.	29 th Dec 2012	Delivered a invited talk on “Ceramic Materials” in Materials Awareness Program at DRDL Hyderabad, Dec 28-29, 2012
13.	5 th Dec 2012	Materials for Medical Applications; Short term course on Advanced Materials and Manufacturing Methods (A3M), NIT Tiruchirappalli during 3-8 Dec 2012
14.	June 21, 2012	Delivered a lecture on “Structure of Materials” in Short Term Course on Engineering Materials and Manufacturing Methods (EM3-2012), June 25-30, 2012
15.	June 22, 2012	Delivered a lecture on “Phase diagrams and Phase transformations” in Short Term Course on engineering Materials and Manufacturing Methods (EM3-2012), June 25-30, 2012
16.	June 23, 2012	Delivered a lecture on “Electrical And Magnetic Properties Of Materials” in Short Term Course on engineering Materials and Manufacturing Methods (EM3-2012), June 25-30, 2012
17.	June 24, 2012	Delivered a lecture on “Progress In Biomaterials” in Short Term Course on engineering Materials and Manufacturing Methods (EM3-2012)
18.	28-Feb-2012	Advances in Biomaterials; Seminar on Advancement in Materials organized by Dept. of Mechanical Engineering, Seshasayee Institute of Technology, Trichirappalli
19.	10 June 2009	Bioceramics and their clinical applications: MHRD – AICTE Staff Development Programme on Recent Advances in Materials and Processing Technologies organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli during 1 - 12 June 2009.
20.	15 March 2008	Nano ceramics for medical applications: Workshop on Advances in Biomaterials organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli.
21.	23 Feb 2008	Nanostructured ceramics for medical applications: Workshop on Trends in Nanomaterials Research organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli.
22.	11-15 Feb 2008	Recent Trends in Biomaterials: AICTE-QIP short term course on “Metallurgy and Materials: Today and Tomorrow” held during Feb 11-15 at National Institute of Technology, Trichy.

23.	24-25 Jan 2008	Biomaterials: A Nano Approach: National conference on Emerging Materials and Technologies India -2020, organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli.
24.	4 Nov 2007	Introduction to Phase diagrams: Workshop on Materials Science for Engineers organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli.
25.	20 Dec 2006	Iron –Iron carbide equilibrium diagram: Faculty development programme on Engineering Materials and Metallurgy organized by the Metallurgy Department GCE Salem
26.	21 Dec 2006	Structure and properties of ceramic materials: Faculty development programme on Engineering Materials and Metallurgy organized by the Metallurgy Department GCE Salem
27.	15-16 Dec 2006	Nano-Biomaterials: Workshop on Recent Advances and Challenges in Biotechnology Processes organized by the Department of Chemical Engineering NIT- Tiruchirappalli.
28.	29-30 Sep 2006	Nanocomposites for Biomaterial Applications: Workshop on Composite Materials organized by the Department of Metallurgical and Materials Engineering, NIT-Tiruchirappalli.