

Faculty Profile



Name : *Dr. J. JUDES*
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Education

Awarded Doctoral Degree (**Ph.D.**) in Physics (**Advanced Ceramics**) (2009) from the Dept. of Ceramic Technology, A.C.Tech. Campus, **Anna University**, Chennai 600 025.

M.Phil Physics (Materials Science) (2000) from the Dept. of Physics, **Alagappa University**, Karaikudi 630 003.

Integrated Professional Software Programmer in Mainframe (1998) **Anna University**, Chennai 600 025.

M.Sc. Physics (Nuclear Physics) (1997) from the University Department, **Manonmaniam Sundaranar University**, Tirunelveli 620 009.

B.Sc. Physics (1995) from **St. Xavier's College** (Autonomous), (Affiliated to M.S. University), Tirunelveli 627 002.

Teaching and Research Experience

Assistant Professor, University VOC College of Engineering, Anna University : Thoothukudi Campus, 6 years and 7 month.

Associate Professor, SRM Eswari Engineering College, Chennai, 4 years and 2 months.

Senior Lecturer & Head, SSIET, Chennai, 5 years and one month.

Lecturer, VelTech Engineering College, Chennai, 10 months

Lecturer, J Sikile College, Royapeta, Narsapur, W.G. (Dt)., A.P., 1 year.

Research Interests / Area of Research / Achievements in research / Projects/Collaborations

Material Science- Advance Ceramics - Nano sol-gel synthesis.

Selected Publications (Journals / Books) – recent 5 publications

S. Usharani, **J.Judes** and V.Natrajan. (2016), Crystal growth, structural and optical properties of a novel benzophenone derivative: 2-Chloro 5-nitro benzophenone, OPTIK, Vol 127, 5887-5893.

Judes J. and Kamaraj V. (2014), 'Study on process development and property evolution of sol-gel derived magnesia stabilized zirconia minispheres', Material Science-Poland, 32(2), 2014, pp. 145-156.

Judes J. and Kamaraj V. (2009), 'Sol-gel preparation and characterization of ceria stabilized zirconia minispheres', Journal of Sol-Gel Science and Technology, Vol. 49, pp. 159-165.

Judes J. and Kamaraj V. (2009), 'Preparation and characterization of yttria stabilized zirconia minispheres by sol-gel drop generation method', Material Science-Poland, Vol.27, No.2, pp. 407-415.

Judes J. and Kamaraj V. (2013), 'Effect of solid loading and binder addition on preparation and properties of ceria stabilized zirconia minispheres', International Journal of Advanced Engineering Technology, Vol. I / Issue III/ 201-212.

Administrative Post held

Chief Superintended for Anna University Exams at 9532-UVOCCE 2011, 2013 to 2016.

College web staff Incharge. Member in various College functional Committees.

Awards and Honors received

ISO / 5S Certified Auditor approved by TUV.

Best Paper presentation award received from two National Conferences and one international conference.

Membership List

Member in **MSSI** and **ISTE** Chapters