

Faculty Profile

Dr. J. JUDES M.Sc., M.Phil., Ph.D

Assistant Professor (Sr.Gr) in Physics
Department of Science and Humanities
ANNA UNIVERSITY REGIONAL CAMPUS, TIRUNELVELI
Tirunelveli, Tamil Nadu, India -627007
Email: tajjudes@auttv.ac.in, tajjudes@gmail.com

Supervisor Recognition No.: 1670225

Field of Research

Material Science and Advanced Ceramics

(Sol-gel Nano Synthesis & Characterization, Thin film, Fiber and membrane Tech.)

EDUCATIONAL QUALIFICATIONS

- 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
- Completed **M.Phil - Physics (Materials Science)** (2000) in First Class from University department, **Alagappa University**, Karaikudi 630 003
- Completed **Integrated Professional Software Programmer in Mainframe** (1998) **Anna University**, Chennai 600 025.
- Completed **M.Sc. - Physics (Specialisation Nuclear Physics)** (1997) First Class from the University Department, **Manonmaniam Sundaranar University**, Tirunelveli 620 009
- Completed **B.Sc. Physics** (1995) First Class from **St. Xavier's College** (Autonomous), (Affiliated to M.S. University), Tirunelveli 627 002

PROFESSIONAL EXPERIENCE

Total Teaching and research experience is 23 years and 07 months

(as on September 2023)

DESIGNATION	DURATION	INSTITUTION
ASSISTANT PROFESSOR (Sr. Gr.)	01 months	ANNA UNIVERSITY REGIONAL CAMPUS, TIRUNELVELI
ASSISTANT PROFESSOR (Sr. Gr.)	13 years	University VOC College of Engineering, Thoothukudi ANNA UNIVERSITY: Thoothukudi Campus.
ASSOCIATE PROFESSOR	10 years 06 months	SRM EASWARI ENGINEERING COLLEGE, Ramavaram, Chennai

Ph.D Doctoral Thesis Guided/ Ph.D Degree Awarded: 02

1. Ms. Mary Jeeva . T (20117501005) completed Ph.D titled “Studies on Process development and Property evaluation of nanoscale zirconia minispheres and fibers by Sol-Gel route, Vivo-Voce Examination held on 18.11.2019.
2. Mrs. S. Usharani (1524789743) completed Ph.D titled “Investigation on single crystal growth and characterization of novel benzphenone derivatives”, Vivo-Voce Examination held on 15.07.2020.

P.G/U.G Thesis Guided

1. M.Tech (Nano Technology) - 01 Nos.
2. M.Sc (Physics) – 04 Nos.
3. B.E Mech. Engineering – 02 batches

Additional / Academic Responsibilities:

Head of the Department, Department of Science and Humanities, University
VOC College of Engineering, Thoothukudi

AICTE Coordinator, UVOCET

College Learning Office for TCS iON Digital Glass Room

Student Counselor from 07.02.2020

Admission Officer, University VOC College of Engineering, Thoothukudi on
29.11.2019

Convener – Innovation Cell from 13.07.2018

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

Nodal officer for Anna University Exams at 9532-UVOCCE from 2014 to 2016.

Chairman in Physics board – Central valuation at Zone XX – (2016 to 2018)

College web site - Faculty Incharge. Member in various College functional
Committees.

Affiliation committee member for Anna University (2010 to 2018).

Faculty advisor for students (2010 to 2018)

Class committee chair person (2010 to 2018)

Time table Coordinator for the academic year 2012-13.

Chief Anna University representative for university semester examinations
(CAUR/AUR) (2006 to 2018).

SQUAD member for university semester examinations (2010 to 2018).

External Examiner for semester practical Examinations (2006 to 2018).

International Journals Publications (Indexed): 16

International Conference Paper Publications: 14

National Conference Paper presentation: 11

CONFERENCES / SYMPOSIUM CONDUCTED: 05

Industrial Training Programmes attended: 04

FDP / WORKSHOPS/ 'Certificate Courses' attended: 21

Experience in handling sophisticated instruments

- Thermogravimetric / Differential Scanning Calorimetric Analyser.
- FT-IR Spectrometric Analyser
- X-ray Diffractometre
- Optical Microscope, SEM and TEM
- Viscometer
- Vickers Hardness Instrument / Universal Testing Machine
- Cutting / Polishing Machine
- Particle size Analyser /Planetary Milling
- Handling and designing High Temperature Furnace

CERTIFICATE OF APPRECIATION and Awards:

- ISO / 5S Certified Auditor approved by TUV.
- Young Scientist award recipient for the year 2010.
- ISO / 5S Certified Auditor approved by TUV.
- Best Faculty Award (2002 & 2005) in Department of H&S, SSIET
- Awarded for producing 100% Pass with excellent students feed back during acadimic year 2006, 2008, 2009, 2011, 2012.
- Best Paper presentation award received from two National Conferences and one international conference.

Professional Activities:

- Delivered **12 Guest lectures and acted as recourse person.**
- Served as **advisory committee member** in conferences and seminars conducted in five institutions.

Membership of Scientific and Professional Societies:

- Member in MSSSI
- Member in ISTE Chapters