

Faculty Profile



Dr. J. Sakthi Swarrup , M.Tech., Ph.D
Professor

HIGHLIGHTS:

- Number of Journal Publications:9
- H-Index: 4
- Project Funding Received: -
- Patents Published: -
- Patents Granted: -
- Funding Applied : 1

PROFESSIONAL LINKS:

- Scopus ID: 54414898800
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=54414898800>
- Google Scholar
ID: <https://scholar.google.co.in/citations?user=kWC2XwoAAAAJ&hl=en>
- Anna University Faculty ID: 288080
- AICTE id: 1-3764469885
- Anna University Supervisor ID:
- LinkedIn:

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 4
- Industrial Experience: 1
- Research Associate: 1

INTERNATIONAL EXPOSURE:

- Post Doctoral Fellowship, Fulbright Nehru postdoctoral fellow at Department of Ecology and Evolutionary Biology, School of Engineering Brown University, USA.

AREA OF SPECIALIZATION:

FEA Simulation using Abaqus , COMSOL, MATLAB, Ansys and MEMS Software, Lithography technique and Nano fabrication techniques for development of nano composite for aerospace application, Structural analysis, Stress and strain measurement, Nanoindentation , Wind tunnel testing, Electron Microscopic characterization, Development of low cost sensing and actuation device for health care application.

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
1.	Dr. J. Sakthi Swarrup	Ionic Plymer Metal Composite (IPMC) Actuators for Insect Scale flapping wing Micro Air vehicle	2015	Full time

Ph.Ds GUIDING:

- NIL

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- NIL

PATENTS PUBLISHED/GRANTED:

- NIL

COURSES CERTIFIED:

- Completed “Effective Performance Workshops” administered by the Graduate School and Trinity Repertory Company,
- Completed “The Science of Well-Being” authorized by Yale University.
- Completed CITI Program courses (i) Responsible Conduct of Research (Curriculum Group) (ii) Responsible Conduct of Research (Course learner group) Offered by Brown University, USA.
- Completed MOOC: How to make a MOOC? authorized by Novosibirsk State University.

ACHIEVEMENTS AND AWARDS:

- NIL

SPECIAL SESSIONS DELIVERED:

- NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Completion of the Ecology and Evolutionary Biology – Sheridan Teaching Seminar Program in Brown University, USA.

PROFESSIONAL MEMBERSHIPS:

- Annual Membership -Indian Science congress
- SPIE Membership

OTHER DETAILS (If any):

- NIL