



FACULTY PROFILE

Dr. G. Ashwin Prabhu

M.E., Ph.D.

Assistant Professor | Faculty ID: TME64

Mechanical Engineering faculty member with research interests in composite materials, machining, welding and additive manufacturing.

E-MAIL ID

ashwinprabhug@stjosephs.ac.in

DATE OF JOINING

17-06-2015

ASSISTANT PROFESSOR

RESEARCH FOCUS

Composite Materials

Machining

Welding

Additive Manufacturing

Academic Profile at a Glance

Teaching, research, innovation and student-mentoring milestones.

50

INDEXED JOURNAL PUBLICATIONS
SCI / ESCI / Scopus / WoS / UGC

25

PATENTS PUBLISHED

32

STUDENT PROJECTS GUIDED
30 UG + 2 PG

20

CONFERENCES ATTENDED

20

FDPS ATTENDED

10

BOOK SERIES CHAPTERS

Qualifications, Institutions & Academic Record

Qualification, institution and academic record presented together for quick reference.

LEVEL	QUALIFICATION	INSTITUTION	ACADEMIC RECORD
UG	B.E. Mechanical Engineering	K.C.G College of Technology	First Class with Distinction
PG	M.E. Engineering Design	Anna University Regional Campus, Madurai	First Class with Distinction
Ph.D.	Polymer Composites	College of Engineering - Guindy	-

Teaching Portfolio & Academic Responsibilities

Courses, laboratories and department-level responsibilities.

TEACHING EXPERIENCE	17-06-2015 to Till Date
PG COURSE HANDLED	MF7104 - Robot Design and Programming

UG COURSES HANDLED

- GE8152 - Engineering Graphics
- ME6603 - Finite Element Analysis
- CE1401 - Strength of Materials for Mechanical Engineers
- ME1504 - Dynamics of Machinery
- GE6251 - Basic Civil and Mechanical Engineering
- GE6075 - Professional Ethics in Engineering
- GE6351 - Environmental Science and Engineering
- MG1801 - Industrial Economics

LABORATORIES HANDLED IN UG

- GE6162 - Engineering Practices Laboratory
- CE8381 - Strength of Materials and Fluid Mechanics and Machinery Laboratory
- ME8682 - Design and Fabrication Project
- ME6513 - Metrology and Measurements Laboratory
- HS8381 - Interpersonal Skills / Listening & Speaking
- ME6611 - CAD/CAM Laboratory
- ME8511 - Kinematics and Dynamics Laboratory
- HS8461 - Advanced Reading and Writing

COLLEGE & DEPARTMENT RESPONSIBILITIES

- Placement In-charge
- Higher Studies In-charge
- Website In-charge
- Alumni In-charge
- Lab Manual Scrutinizing Committee
- Class Counsellor
- Defence Club In-charge
- Strength of Materials Lab Assistant In-charge

Research, Publications & Learning Activity

Research output, academic engagement and authored-book information.

50

INDEXED JOURNAL PUBLICATIONS

10

BOOK SERIES CHAPTERS

25

PATENTS PUBLISHED

12

NPTEL COURSES COMPLETED

20

FDPs ATTENDED

65

WEBINARS ATTENDED

PUBLICATION SUMMARY & INDEXING

- 50 international journal publications indexed in SCI, ESCI, Scopus, Web of Science and UGC.
- 10 chapters in book series.
- 20 conferences attended.

CONTINUOUS LEARNING ACTIVITIES

- FDPs attended: 20
- NPTEL courses completed: 12
- AICTE - NITTT course modules completed: 02
- Workshops attended: 10
- Industrial trainings completed: 04

ACADEMIC ENGAGEMENT & OUTREACH

ACTIVITY	COUNT
Webinars Organized	20
Webinars Attended	65
Guest Lecture Delivered	02

AUTHORED TEXT BOOK

Strength of Materials

Authors: Dr. K. R. Padmavathi, Mr. Swaroop Gannamani, Ms. A. S. Jagadheeswari, Dr. G. Ashwin Prabhu.

Volume: 1, First Edition

Pages: 280

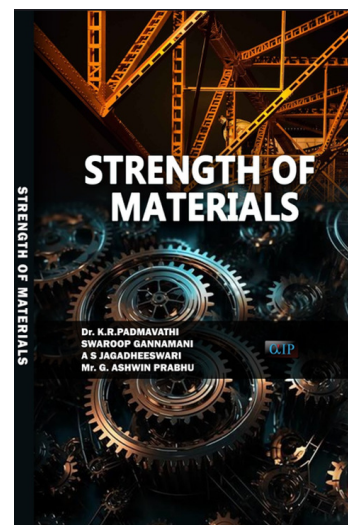
ISBN: 978-93-5762-775-2

University: St. Joseph's College of Engineering

Branch: Mechanical Engineering

Semester: IV

Subject Code: CE1402



Industry Exposure, Projects & Research Support

Industry immersion, innovation exposure and research identifiers.

02

INDUSTRY IMMERSIONS

Training + Internship

32

STUDENT PROJECTS GUIDED

30 UG + 2 PG

25

PATENTS PUBLISHED

ONE-WEEK INDUSTRIAL TRAINING

Advancement on Electric Vehicle Technology

Completed at TEEV Pvt. Ltd. from 02 October 2024 to 08 October 2024.

TWO-WEEK INTERNSHIP

Intellroot Prospace LLP, Chennai

Completed from 02 June 2025 to 14 June 2025. The internship provided practical exposure to IP filing process, patent search, product design and development, MVP framework, prototyping documentation and NDA management. It also covered innovation pipeline, patent lifecycle, technology transfer, client engagement and emerging R&D technologies.

INSTITUTIONAL & RESEARCH IDENTIFIERS

ORCID	0000-0001-5673-647X
Scopus Author ID	57222630888
Web of Science ID	ABD-1094-2020
Anna University Staff ID	3123381

REVIEWER IN JOURNALS

- Journal of Polymer & Composites
- Journal of the Brazilian Society of Mechanical Sciences and Engineering
- Discover Materials
- Polymer Bulletin

Recognition, Impact & Scholarly Profiles

NPTEL recognition, mentorship outcomes and academic identifiers.

15

STUDENTS SCORING $\geq 90\%$
Product Design & Development

02

NPTEL TOPPERS
Jul-Dec 2025 cohort

63

NPTEL ENROLMENTS
50 participants appeared

AWARDS & ACHIEVEMENTS

Top Performing Mentor

Received an NPTEL-SWAYAM Certificate of Appreciation for Product Design and Development (Jul-Dec 2025). The reported cohort included 63 enrolments, 50 participants appearing, 15 students scoring $\geq 90\%$, and 2 toppers.

Elite Silver Certification

Completed the NPTEL course on Product Design and Development, associated with IIT Roorkee, with a reported score of 79 percentile.

Elite Certificate

Secured an Elite Certificate in Fundamentals of Manufacturing Process in the NPTEL examination associated with IIT Roorkee.

NPTEL Discipline Star

Recognized as an NPTEL Discipline Star in Mechanical Engineering.

SCHOLARLY PROFILES & CONTACT

PROFILE / CONTACT	DETAIL
Google Scholar	Dr. G. Ashwin Prabhu
ORCID	0000-0001-5673-647X
Scopus Author ID	57222630888
Web of Science Researcher ID	ABD-1094-2020
Anna University Staff ID	3123381
E-mail	ashwinprabhug@stjosephs.ac.in
Designation	Assistant Professor Faculty ID: TME64