

Dr. M. KUMARASAMY MIEI

B.Tech (Chemical), ME (Industrial Engineering) Ph.D (Mechanical Engineering)

PROFESSIONAL ABRIDGEMENT

A result driven professional with **around 43 years** of experience, as

- **Faculty Mechanical Engineering and Vice Principal** (RL institute of Nautical Sciences affiliated to Indian Maritime University) for 14 yrs.
- **Dean (I/C)**, Anna University of Technology, Tiruchirappalli, Panruti campus (2yrs)
- **Head – Software Product Development** (Spectra Soft Technologies, Subsidiary of Orchid Pharmaceuticals, Chennai) (3 yrs)
- **Head – Software Project Management.** (Cherrytec Technologies, Subsidiary of SPIC Ltd, Chennai) (3 yrs)
- **Head - Administration and Personnel** in a Process Industry with 400 Employees (Tuticorin Alkali Chemicals and fertilizers Ltd, Subsidiary of SPIC Ltd, Tuticorin) (2 yrs)
- **Head – Systems:** In-House software development and software maintenance in a Process Industry (Tuticorin Alkali Chemicals and fertilizers Ltd, Subsidiary of SPIC Ltd, Tuticorin) (8 yrs)
- **Systems Engineer** in a Process Industry (Tuticorin Alkali Chemicals and fertilizers Ltd, Subsidiary of SPIC Ltd, Tuticorin) (4 yrs)
- **Industrial Engineer** in a Process Industry (Tuticorin Alkali Chemicals and fertilizers Ltd, Subsidiary of SPIC Ltd, Tuticorin) (7 yrs)

Skill Set

- ✓ Good in handling subjects Thermodynamics, Engineering Mechanics and Renewable Energy.
- ✓ Excellent presentation and communication skill.
- ✓ High passion for learning and teaching.
- ✓ Profound knowledge in System Engineering.
- ✓ Deep knowledge in software Project Management on Estimation.
- ✓ A leader capable of demonstrating team work and collaborating with members of top management.

CAREER DETAILS

Vice Principal and Faculty Mechanical Engineering

Jun'11 to as on date

RL Institute of Nautical Sciences, Madurai.

Functional:

Handling Mechanical Engineering subjects for Marine Engineering students.

Subjects Handled:

Basic and Applied Thermal Engineering I and II
Marine Refrigeration and Air conditioning,
Mechanics of Machines (Basic and Advanced)
Dynamics of Vibrations
Fluid Mechanics I & II
Naval Architecture
Strength of Materials
Machine Design
Material Science
Marine Machinery Design
Marine IC Engines
Fuels and Lubricants
Renewable Energy sources and applications

More Proficient in Thermal Engineering, Mechanics of Machines and Renewable energy.

Highlights

- Handling the classes for B.Tech Marine Engineering students. (classes on an average 18 hours per week)
- Convenor for Intercollegiate and National level Seminars conducted in the Institute.
- Guiding the students for technical paper presentation for Seminars and Journal Publications.

Dean I/C

Jan'09 to Dec 10

Anna University Tiruchirappalli Panruti Campus: The campus started functioning from August 2008. *Classes at that time were up to 3rd year with Civil, Mech, CSE, ECE & EEE with 1200 students strength including part time BE & ME . The campus is located in Panruti, Cuddalore district,*

Functional:

- Headed the campus as Dean in charge. Apart from academic activities, the major job entrusted was in developing the campus.
- Made remarkable identity of the new campus by building a strong team of faculties and entrusted them with defined responsibility and accountability.
- Created a live ambience inside the campus by making the students participate and conduct various career development programs.
- Handled the subjects OOPS and System Engineering to computer science students.

Highlights:

- Managed the functioning of the Engineering College which was in the developmental phase without any major issues.

EDUCATION

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|------|---|---|
| 2017 | Ph.D in Mechanical | Anna University, Chennai. |
| 1981 | ME (IE) Mech Engineering Faculty | Anna University, Chennai. College of Engineering Guindy. |
| 1979 | B. Tech (Chemical Engineering) | Madras University CIT Coimbatore |

Computer Proficiency

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| RDBMS | Oracle, SQL Server |
| Front End | D2K, Dot Net |
| Project Tools | MS Projects |
| Statistical Tool | IBM SPSS20 |
| Other base Languages include C, C++ and FoxPro | |

LIST OF PUBLICATIONS

International Journals:

M.Kumarasamy, Dr.M.Radhakrishnan, (2015) “Approximate COSMIC Functional Size Measurement approach to Agile Software Development”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 24, pp 45637-45647

M.Kumarasamy, Dr.M.Radhakrishnan, (2015) “An Approach to evolve at a Standard Methodology for defining COSMIC FUR”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 24, pp 45649-45660

International Conferences:

M.Kumarasamy, Dr.M.Radhakrishnan, (2016) “How to use COSMIC Functional Size in Business Application Models”, International conference in Emerging Trends in Engineering and Technology (ICETET’16)

M.Kumarasamy, Dr.M.Radhakrishnan, (2016) “Validating the Application of COSMIC Approximation Model to Agile Projects”, International conference on Information on Information, Communication and Electrical Technologies in association with ICT Academy (iCon ICEI 2016)

PERSONAL DOSSIER

Date of Birth 27/05/1957

Other Extra Curricular activities: **Member of Institution of Engineers (India)**
Chapter President for IJC in 1995
Accredited Zone Trainer of IJC
Member of Organising Committee, Tuticorin District Tennis Association (1988 and 1989).
Represented the company’s Tennis team for 5 yrs.

29/05/2025,
Madurai 03.

M.Kumarasamy