


FACULTY PROFILE

Name(in BLOCK LETTERS)	K SENTHIL KUMAR
Present Designation &Dept:	HOD, Mechanical Engg.,
Subject Area of Interest	Finite Element Analysis Theory of Machines Strength of Materials Design of Machine Elements
Passport photo	
Address (for communication)	SENTHIL KUMAR K No.1/1, Thilagar street, Ayyappa Nagar, Trichy, Tamilnadu -620021 Mobile No. : 9080801579 Email ID : senthilkumark@trichyengg.ac.in
Address (Office)	Senthil Kumar K Head of Department/Mechanical Engg., TRICHY ENGINEERING COLLEGE Sivagnanam Nagar, Konalai, Trichy - 621 105 Mobile No.: 9080801579 Email ID: hod.mech@trichyengg.ac.in
Date and Place of Birth	24/04/1980 & Madurai
Gender	Male
Marital Status	Married
Nationality	Indian
Membership in Professional Bodies	Nil

01)Research & Educational Degree(s):

Research Degrees	Dept./Subject (Specialization)	Title of the Dissertation/ Thesis	Year of award	University	
Ph.D.	Mech/Unconventional Machining process	Wirecut EDM	Pursuing	Anna University	
Educational Degrees/Exams	Name of the Board/ Institution / University	Subject/ Specialisation	Year of Passing	% of Marks/ CGPA	Division/ Class/Grade
M.E.	RVS College of Engg and Technology, Dindigul, Anna University, Chennai	CAD/CAM	2006	74%	1 st Class
B.E.	Dr.Navalar Nedunchezhiyan College of Engg, Cuddalore, University of Madras, Chennai	Mechanical	2003	68%	1 st Class
D.M.E.	MAVMM Polytechnic, Madurai. Tamilnadu State Board – DOTE	Mechanical	2000	88%	1 st Class With Distinction
S.S.L.C	Nehru Vidyasalai High School, Madurai Tamilnadu State Board	General	1995	78%	1 st Class

02) Teaching Experience/Post(s)held :

Total Teaching experience : P.G. for M.E./M.Tech& MCA: Nil

& Teaching experience : U.G. Classes for B.E./B.Tech: 18year11Month

Teaching experience in Trichy EngineeringCollege : 17year1Month

College/ Institution	Designation	Duration		Experience	
		From	To	Year	Month
Trichy Engineering College	HoD Mechanical	25/06/2025	to Till date	13 Year	3 month
MAM School of Engineering	Associate Professor	09/07/2010	31/05/2012	1 year	10 Month
Trichy Engineering College	Lecturer	30/08/2006	02/07/2010	3 year	10 month

03) Administrative experience(s)

Such as Dean, HoD, T&P,NSS,Hostel,Exams, Admissions,Committee

Description	Role(s)	Duration	From To Dates
Head Of Department	Department Incharge, coordinating the department development activities and make a path of coordination among the faculties and students towards the goal.	6 years and 7 months	20/01/2023 to till date
NAAC Dept. - coordinator	Coordinating the department faculties and complete the various criteria wise NAAC activities,	2 years and 6 month	01/04/2023 to till date
NAAC Criteria - 4	NAAC-Criteria 4 Incharge	2 years and 6 month	01/04/2023 to till date
Higher Education Cell	Make the awareness among students for their higher studies	2 years and 6 month	01/04/2023 to till date
Intellectual Property Rights Cell	Awareness about patent rights	2 years and 6 month	01/04/2023 to till date

06) NATIONAL JOURNALS/CONFERENCES

Participated and Presented a paper in the title of “**Experimental Measurement and optimization of forging force on cold upset forging for aluminium cylinder billets**” at National Level conference Contemporary Approaches in Design and Manufacturing (CADEM) on 06/04/2006 at Alagappa Chettiar College of Engineering and Technology, Karaikudi.

09) Workshop / FDP / Seminar / Conference Attended

- 1) Participated in Two days faculty development program on “Advancement of Artificial Intelligence in the present and future” organized by Trichy Engineering College, Trichy, from 14th to 15th of July 2025.
- 2) Participated in One week Comprehensive Workshop on “Innovations and Applications in Engineering Materials” organized by Department of Mechanical Engineering, KIET Group of Institutions collaborate with DRDO from 03-02-2025 to 07-02-2025.
- 3) Participated in Expert talk on “AI in Mechanical Engineering : Transforming the future”, organized by Sandip Institute of Technology & Research centre, Nashik on 2nd Aug. 2025
- 4) Participated in A six days faculty development program about “Advances in Metal Additive Manufacturing Today, Tomorrow and Beyond” organized by ATAL – National Institute of Technology, Calicut from 27-01-2025 to 01-02-2025 through online mode.
- 5) Participated in A six days faculty development program about “Statistics for Industrial Data Analysis” organized by ATAL – Vishwakarma Institute of Technology from 13-01-2025 to 18-01-2025 through online mode.

- 6) Participated in a one week comprehensive workshop on “ Innovations & Applications in Engineering Materials” organized by Department of Mechanical Engineering, KIET Group of institutions in collaboration with Defence Research and Development Organisation (DRDO) from 03rd to 07th February 2025.
- 7) Participated in the National level webinar on “How to write and Publish a scientific Paper” organized by Angel College of Engineering and Technology, Tirupur, on 18th February 2025.
- 8) Participated in 12 day faculty development/training program on “ Advance Tools and Techniques for Research Methodology” organized by Institute of Marketing and Management, Delhi jointly with Research foundation India & council of Academic Research and Educational organization from 01st to 12th august 2024.
- 9) Participated in the online Faculty development program on “Design thinking Research Article writing and patent Documentation for New product development” conducted by Department of Mechanical & Civil Engineering, QIS College of Engineering and Technology, ongole, Adrapradesh, from 22nd and 23rd May 2024.
- 10) Participated in A six days faculty development program about “Future Trends in Novel Materials” organized by ATAL – SRM Institute of Management and Technology from 09-12-2024 to 14-12-2024 through online mode.
- 11) Participated in A six days faculty development program about “Sustainable Materials for Future Technology” organized by ATAL - Chandigarh College of Engineering from 16-12-2024 to 21-12-2024 through online mode.
- 12) Participated in Attend a Five day Faculty Development program about EV Design for Mechanical Engineers” organized by Skill-Lync from 13/02/2023 to 17/02/2023.
- 13) Participated in a three day online faculty development programme on “Improving your Research visibility – Research impact and Metrics” organized by velalar college of engineering and technology, Erode, from 11th may to 13th may 2020.
- 14) Participated in one week online faculty development program on “Outcome Based Education : A step towards Excellence” organized by Government College of Engineering, karad, Maharastra from 11th to 15th may 2020.
- 15) Participated in one week faculty development program on “Development and Characterization of composite materials” organized by Lingayas Institute of Management and Technology, Kakinada, Andrapradesh, from 25th to 29th May 2020.
- 16) Participated in a technical webinar on “overview of Non-Destructive testing on weldment” organized by AMET on 15th may 2020.
- 17) Participated in one week STTP program on “ Advanced Optimization tools & Techniques for Researchers and Engineers” organized by SKN sinhgad college of engineering, Pandharpur, solapur, from 23/05/2020 to 27/05/2020.
- 18) Participated in a webinar on “Data Science & its Applications, organized by BVICAM, New Delhi on 20th August 2020.

10) Workshop/FDP/ Seminar/ Conference Organised/GUEST LECTURE DELIVERED

Organized a two days faculty development program on “Advancement of Artificial Intelligence in the present and future” from 14 & 15 July 2025 at Trichy Engineering College