



S.Syed Abuthahir
13/25, Aacharappan Street
Broadway
Chennai – 600 001, India

Contact No: +91-99441 27339
s.abu5520@gmail.com

Professional Overview

Goal oriented and motivated professor offering outstanding communication, multitasking abilities. Seasoned professional with 9 years of experience in Teaching Mechanical & Industrial Engineering with e-Learning modules.

Skill Highlights:

- ☐ Curriculum Development
- ☐ Evaluation of Students' Performance
- ☐ E-Learning Modules
- ☐ Academic Advisement
- ☐ Good Communication Skill
- ☐ Student Motivator
- ☐ Research and Analysis
- ☐ Life Skill Coacher

Organisational Experiences

Since June 2018: **Mohamed Sathak A J College of Engineering, Chennai**
Assistant Professor
Dept of Mechanical Engineering

Jun 2016 – March 2018, **Mobile Tutor Pvt Ltd, Chennai**
Subject Matter Expert – Mechanical Engg (1 Years 9 Months)

June 2012 - May 2016, **MAM School of Engineering, Trichy.**
Assistant Professor – Dept of Mechanical Engineering (4 Years)

June 2009 – Jan 2012, **Lason India Pvt Ltd, Chennai**
Sr.Executive. Strategic Support Group (2 Years 6 Months)

Oct 2006 - Dec 2007, M/s **Daebu Automotive Seat India Pvt Ltd, Chennai,**
Asst Manager – New Product Development (1 Years)

Jul 2002 – Sep 2006: M/s **Southern Pressings, Chennai,**
Quality Engineer (4 Years)

Mohamed Sathak A J College of Engineering, Chennai [Asst Professor – Mechanical Engg]

- ☐ Make use of differentiated teaching methods, incorporating **Audio and Visual activities** to address all learning styles
- ☐ Analyze the Student's academic problems and guide them with proper Corrective action
- ☐ Frequently monitor the poor student's performance and guide them for better result
- ☐ Enhancing the teaching method by e-Learning for all the subjects.
- ☐ Prepare MCQs to conduct the Pre-Gate Examination
- ☐ Guide them for their creativity and help them to develop innovative projects.
- ☐ Developed 3D Printing module and train the students.
- ☐ Conduct the Soft Skill Training such as Mock Interview, Mock GD, Aptitude Test etc
- ☐ Co-ordinate with Industries to made arrangements for Internship & Placement to the students
- ☐ Overall Centre of Excellence (CoE) Incharge

Major Activities for Admission Process:

- ☐ Visiting the Schools In and Around Chennai to invite the Students to College campus for showing the various Centre of Excellence (3D Printing, App Development Cell, RPA Cell, Gaming & AR/VR, IoT Cell Industrial Robotics Cell etc)
- ☐ Inviting the Polytechnic Students to Campus for conducting Free Workshops.
- ☐ Conducting Life Skills & Personal Development Session at Various Schools.
- ☐ Organizing and conducting the State Level Technical Symposium for School and Polytechnic Students.
- ☐ Organizing Special Interaction Classes to the +2 Students for Mathematics / Physics / Chemistry / CS
- ☐ Organizing and conducting the Workshop in the topic of recent technologies for +2 students during their summer vacation.
- ☐ Conducting Students' counseling session periodically and take corrective measures if any.

Mobile Tutor Pvt Ltd, Chennai [SME – Mechanical Engineering]

- ☐ Review the Specification Requirements from the Customer and develop the content
- ☐ Train the team to develop the right content with consideration of Target audience
- ☐ Conducting demo classes to the respective Universities
- ☐ Provide micro level explanation for each lesson
- ☐ Reviewing periodically the developing content for better output
- ☐ Prepare MCQs for Pre-GATE Examination
- ☐ Solve the doubts / queries raised through Online mode
- ☐ Develop the training material regarding the Industrial behaviour to all the universities
- ☐ Create an environment oriented to trust, open communication and creative thinking of team members also provide guidance to the team based on management direction

Involved Major Universities

- ☐ Anna University
- ☐ Dr.A.P.J Abdul Kalam University
- ☐ JNTU-Hyderabad
- ☐ Kerala Technological University (KTU)
- ☐ Australian Technical and Management College (ATMC)
- ☐ NITs

MAM School of Engineering, Trichy [Asst Professor – Mechanical Engg]

- ☐ Enhancing the teaching method by e-Learning for all the subjects.
- ☐ Deliver lecture to under graduate students on topics such as Recent Manufacturing Technologies, Automobile Technology, Industrial Engineering etc
- ☐ Review, assess and evaluate the activities and progress of students.
- ☐ Guide them for their creativity and help them to publish their invention through Journals.
- ☐ Conduct the skill development and entrepreneurship development program
- ☐ Career Development, Placement Activities and Personality Development Training
- ☐ Providing guidance to the students for developing their career as well as making them familiar with different career opportunities

Publication – International Journals

- ☐ R.Ramanathan **S.Syed Abuthahir** Dr.P. Ranjith Kumar. (2015), '**Optimization of CNC Milling Machine Process Parameter for AA 6061** Using the Modified Taguchi Method', IJARBEST DOI 18th Dec'2015
- ☐ **S.Syed Abuthahir**, Dr.T.Parameshwaran Pillai, Dr.T.Senthil Kumar (2016) "**Optimization of CNC Milling Machine Process Parameter for GFRP** using Taguchi Method", IJAER DOI 27th Feb'2016
- ☐ **S.Syed Abuthahir**, Dr.T.Parameshwaran Pillai, Dr.T.Senthil Kumar (2016) "**Experimental Investigation and Analysis of Electric Discharge Machining Process Parameter using Incoloy® 825 Alloy** IJAER DOI Mar'2016

Lason India Pvt Ltd (Sr.Executive. Strategic Support Group)

- ☐ Responsible for Conducting Internal Quality Audit to ensure all the Systems & Standards are in place.
- ☐ Responsible for control the non-conformities during the internal audit and guide them to close the respective NCs.
- ☐ Day wise monitoring the Quality compliance on QC Process & Rework methodologies.
- ☐ Perform the Special Projects through Six Sigma approach once in three months for Cost reduction & reduce the Head count on the projects.
- ☐ Vendor Development Activities through periodic site audit.
- ☐ Conduct Quality Review Meeting periodically and highlight the Gaps and necessary Improvement area.
- ☐ Responsible for Resources Planning and ensure the Optimum Utilization of every resources.

Notable credits

- ☐ Eliminate the Invoice out of Balance Issues which identified by Customer/Internal through adopting Technical Validation for Daimler Trucks North America.
- ☐ Improved the SME Logic to develop the exact match rate from Customer Data base.
- ☐ Monitor the Performance of the process and configure the Sampling Audit as per the requirements.
- ☐ Conducted the Special Projects through Six Sigma and improve the quality of DTNA from 74.5% to 99.62%
- ☐ Analyses Customer/Internal issues and provided appropriate Technical Action to eliminate all the relevant causes

Daebu Automotive Seat Pvt Ltd & Southern Pressings

- ☐ Involving New Product development activities for assembled components with Customer and ensures the product as per the required standard
- ☐ Conduct the Process Audit/Control Plan Audit for every new product by stage wise.
- ☐ Preparation of Initial Sample Assurance Report (ISAR) / Production Parts Approval Process (PPAP), APQP, SPC and MSA and get approval from Customer.
- ☐ Analyzing Internal & Customer Issues and implementing appropriate Corrective and Preventive Actions
- ☐ Responsible for maintaining the PPM [Parts per Million] as per the Customer requirements.
- ☐ Day wise monitoring the Quality compliance on QC Process & Rework methodologies.
- ☐ Presentation of Quality Issues and Process/Product improvement to the Management.
- ☐ Evaluate and Re-evaluate the Vendor and improve their efficiency through periodic site audit.

Notable credits

- ☐ Participated in Hyundai i10 seating mechanism development activities along with HMC South Korea
- ☐ Developed the new supplier IFB Automotive-Bangalore for Seating Rail, instead of imported from Korea
- ☐ Involved Raw Material planning for eliminates excess wastages
- ☐ Supplier Continuous Improvement

Professional Training Attended:

- ☐ One Month Training in DAS Corporation, South Korea on **Quality Management Systems, Six Sigma, Internal Auditing Systems, Costing Structures and Procurement System.**
- ☐ Principles of “**Vendor Development**” at Sona Koyo Steering Systems, Chennai
- ☐ Develop the **Process FMEA** at Lucas TVS Ltd, Chennai
- ☐ Six Sigma and **Internal Quality Audit** at HOV Services, Chennai
- ☐ **Integrated Product Development** by *TEQIP*
- ☐ **3D Printing Technology** by ATAL

Educational Qualifications

- ☐ Pursuing **Ph.D** in Anna University Chennai since Jan 2023.
- ☐ **M.E (Manufacturing Engineering)** with 8.34 CGPA in Anna University, Trichy, 2016.
- ☐ **B.E (Production Engineering)** with 71% in Adhiyamaan College of Engineering, Hosur, Periyar University, 2002
- ☐ **HSC** with 71% in S.U.M.Higher Secondary School, Uthamapalayam State Board of Tamil Nadu, 1997

Technical Profile:

- ☐ Operating Systems: Microsoft Windows XP, Windows Vista, Windows 7, Windows 8 & 8.1
- ☐ Quality Management Systems: DFSS/TS 16949 / PFMEA / CAPA /Lean Manufacturing

Other Achievements:

- ☐ Honored as a “**EXCEED EXPECTATION AWARD**” by the Management of HOV Services on Jun’2010
- ☐ Appreciate the “**Performance with Yearly Incentive**” by the Management of HOV Services
- ☐ **Best Performing Employee (2018 - 2019)** by the Mohamed Sathak Trust Chennai

Personal Details

Date of Birth:	19th May 1980
Permanent Address:	16-3-28, Atchi Thotta Street, Uthamapalayam, Tamil Nadu, India
Marital Status:	Married
No. of Dependants:	5
Languages Known:	English and Tamil
Nationality:	Indian

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Yours Sincerely,

(Syed Abuthahir S)