



**Name** : Mr. H.Sampath  
**Designation** : Professional Assistant – I  
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**Area of Specialization** : Manufacturing

#### EDUCATIONAL QUALIFICATION:

<b>Name of the Degree</b>	<b>Specialization</b>
M.E.	Manufacturing Engineering
B.E	Mechanical Engineering
D.M.E	Diploma in Mechanical Engineering

#### PROFESSIONAL EXPERIENCE:

<b>Name of the organization</b>	<b>Department</b>	<b>Designation</b>	<b>Period</b>	<b>Nature of works</b>
Anna university MIT Campus	Production Technology	Professional Assistant – I	August 2019 to Till date	Advance machining Laboratory
Adhiparasakthi Engineering College	Mechanical	Lab Instructor	June 2019 to April 2011	CAD/CAM Laboratory
M/S Rambal Ltd	Factory Production	Engineer- Production	April 2002 to June 2009	CNC Programmer and setter
M/S Southern India Pvt Ltd	Factory Production	Trainer production	August 2001 to April 2002	CNC Operator and Programmer
M/S Vass India Pvt Ltd	Factory Production	Machine Operator	Jan 2001 to August 2001	CNC Operator
M/S Lucas-TVS Diesel System Ltd	Factory Production	Technician Apprentice	Jan 2000 to Jan 2001	CNC Operator

### COMPUTER KNOWLEDGE:

- ❖ Software and hard ware knowledge.
- ❖ Windows operating system.
- ❖ Sharing and networking.
- ❖ Handling on printer and plotter.

### SOFTWARE KNOWLEDGE:

- ❖ Auto cad.
- ❖ Solid Works.
- ❖ Ansys.
- ❖ Edge-CAM
- ❖ Microsoft office.
- ❖ Adams.

### WORKING KNOWLEDGE:

- CNC programing and setting in various types of component.
- Programing knowledge in CNC Fanuc and sinumerik language.
- Tools selection in different type of operation.
- Cycle time reduction and improvement of tool life.
- Knowledge in process chart and quality system.
- Handling in measuring in all Quality Control equipment.

### MACHINE TOOL EXPERTISE/FAMILIAR

- **LT-16** – CNC Turning Center based on FUNUC Code.
- **JOBBER XL** - CNC Turning Center based on FUNUC Code.
- **GEDEE WEILER**- CNC Turning Center based on FUNUC Code.
- **MANUAL LATHE** – Turning, threading, drill and boring.
- **DRILLING MACHINE** - Drilling, reaming, and internal threading.
- **TOOL CUTTER AND GRINDER** - Tool grinding in HSS and carbide tools

### PUBLICATIONS:

1. **H. Sampath**, K. Ainnar, R. Ilandjezian “*The Flexural and Tensile Behaviour of Polyurethane Foam based WRM Sandwich Foam Epoxy Nano Composite*” Proceedings of International Conference on Design, Analysis, Manufacturing and Simulation (ICDAMS 2016), 7-8 April 2016. Organized by Department of Mechanical Engineering, Saveetha Engineering College, Chennai, Tamilnadu, India.
2. **H. Sampath**, K. Ainnar “*Nano clay- Fiber addition in polymer Composite and its applications*” Proceedings of National Conference on “Sustainable Modern Advances in Research and Technology” (SMART 2016), 7-8 April 2016. Organized by Department of Mechanical Engineering, Dr.Pauls Engineering College, Pauls Nagar, Pullichapallam, Vanur T.K., Villupuram DT , Tamilnadu, India.