



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : S. Mahaboob Khan
DESIGNATION : Assistant Professor
DEPARTMENT: Mechanical Engineering
DATE OF BIRTH : 14-05-1987
DATE OF JOINING : 24-07-2022
EMAIL ID : aits.med.smkhan@gmail.com
EMPLOYEE ID: AITS031043



Academic Profile:

Qualification	Name of the Board/University	YEAR
M. Tech	JNTUA, Anantapuramu	2016
B. Tech	SV University, Tirupathi	2009

Research Details:

1. Areas of Specialization	:	CAD/CAM
2. No. of Publications	:	07
3. Awards Received	:	--
4. Research Guidance		
	No. of PhD Guided:	--
	No. of M.Tech. Guided:	01
	No. of B.Tech. Guided:	13
5. Details of Professional Membership:		--
6. Subjects Taught	:	Engineering Drawing, Management Science, Basic mechanical engineering, metrology and measurements, CAD/CAM, Automation and Robotics, Rapid Prototyping, Finite Element Methods, Computer Graphics, Environment science, Entrepreneurship development,



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	FM & HM, TQM.
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• Publication Details:

Title	Publisher	Published Year
1. Modeling and structural optimization of upper control arm using FEA	International Journal for Research	2015
2. Optimization of turning process parameters by using Taguchi method	International Journal for Research	2018
3. Power –generation by knee strap hints	International Journal for Research	2019
4. Analysis of fuel injection nozzle for better performance aero engines	IRE Journals	2021
5. Organizations, companies and business units are followed by supply chain stocking strategies	IJRAR Journals	2023
6. Wear resistance and mechanical properties of Nano composite coatings applications in Aerospace engineering	SCOPUS	2025
7. Empirical evaluation of AI based oral cancer identification scheme using image processing scheme March 2025.	IEEE Conference	2025

Patent Details:

Title of Patent	Submitted/Published/Awarded
1. A NOVEL SUSPENSION SYSTEM FOR CONTROL OF VIBRATION IN VEHICLES	Published