




**MAHARAJAINSTITUTEOFTECHNOLOGYTHANDAVAPURA**  
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU  
TALUK, THANDAVAPURA, KARNATAKA 571302

## Faculty Profile

<b>Name:</b>	Dr. Ajay Kumar K	
<b>Current Designation:</b>	Assistant Professor	
<b>Date of Current Designation</b>	01/08/2016	
<b>Department</b>	Mechanical Engineering	
<b>University Faculty Reg. No</b>	4MNME0001663	

### Qualification:

Degree	Year	College and University
Ph.D	2023	Visvesvaraya Technological University (VTU)
M.Tech	2013	GTTC Bangalore
B.E	2011	PES College of Engineering, Mandya

Date of joining to the Institute: 01/08/2016

### Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Assistant Professor	01/08/2016	Till date	Mechanical Engineering

### Details of Publication:

No. of papers published in National Conference:	00
No. of papers published in Inter-national Conference:	04
Number of International Journal:	05

Description of the Few paper and Reference
1. "Microstructure and mechanical properties of A356/ Al <sub>2</sub> O <sub>3</sub> / MoS <sub>2</sub> hybrid nano composites" in the materials today proceedings, Elsevier, 2021.
2. "Microstructure and wear properties of A356/ Al <sub>2</sub> O <sub>3</sub> / MoS <sub>2</sub> hybrid nano composites" in the materials today proceedings, Elsevier, 2021.
3. "Investigation of Mechanical Properties of Aluminium356 reinforced with Nano Alumina and Studying the effect of addition of MoS <sub>2</sub> on Aluminum Nano composites" in the international journal of mechanical engineering, 2022.
4. "Investigation of Mechanical Properties of Aluminium356 reinforced with Nano Alumina and Studying the effect of addition of MoS <sub>2</sub> on Aluminum Nano composites" in the international journal of mechanical engineering, 2022.
5. "Design of multi cavity injection molding tool for the component torch body using hydraulic side core" International Conference on Emerging Trends in Mechanical Engineering (ETME), Mandya, in December 2017.

PersonalDetails:

Permanent Address	#1014, 4 <sup>th</sup> main road, 1 <sup>st</sup> stage, Hebbal, Mysore	
Date of Birth:	20/10/1989	Blood Group: O +ve
Father's Name	D Krishnegowda	
Mother's Name	Usha	
Nationality	Indian	