




MAHARAJAINSTITUTE OF TECHNOLOGY THANDAVAPURA
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU
TALUK, THANDAVAPURA, KARNATAKA 571302

Faculty Profile

Name:	Sachin S	
Current Designation:	Associate Professor & HoD	
Date of Current Designation		
Department	Physics	
University Faculty Reg. No	4MNPHY0004683	

Qualification:

Degree	Year	College and University
Ph.D.,	Pursuing	Visvesvaraya Technological University
M. Sc	2006	University of Mysore
B. Sc	2004	University of Mysore

Date of joining to the Institute: 01/08/2007

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Lecturer	2006	2007	Physics
Associate Professor & HOD	2011	Till date	Engineering Physics
Assistant Professor	2007	2011	Engineering Physics

Details of Publication:

No. of papers published in National Conference:	02
No. of papers published in Inter-national Conference:	02
Number of International Journal:	04

Description of the Few paper and Reference
1. Sachin S, Prasanna A A and Ningappa C Near Room Temperature Martensitic transition in Ductile $Ni_{50}Mn_{30-x}Fe_xSn_{20-y}Sb_y$ ($1 \leq x \leq 4$ and $2 \leq y \leq 8$) Heusler alloys, Journal of Materials Research, Vol.38, pp. 2264 – 2273
2. Sachin S, Prasanna A A and Ningappa C Superparamagnetic and Spin Glass Characteristics with Griffiths Phase in $Ni_{50}Mn_{30-x}Fe_xSn_{20-y}Sb_y$ ($1 \leq x \leq 4$ and $2 \leq y \leq 8$) Heusler alloys, Journal of Materials Research as Online First Article (Vol. and Issue No. to be assigned)
3. Sachin S, Prasanna A A and Ningappa C Synthesis of $Ni_{50}Mn_{30-x}Fe_xSn_{20-y}Sb_y$ ($1 \leq x \leq 4$ and $2 \leq y \leq 8$) Heusler Alloys for Magnetic Sensor Applications", Indian Journal of Engineering and Materials Sciences, Indian Journal of Engineering and Materials Sciences.
4. Sachin S, Prasanna A A and Ningappa C Inverse Magnetocaloric Effect and Negative Magnetoresistance in $Ni_{50}Mn_{30-x}Fe_xSn_{20-y}Sb_y$ ($1 \leq x \leq 4$ and $2 \leq y \leq 8$) Alloys, Journal of Materials Research, 2023.

Workshop Title	Venue	Date
Lab View Augmented Experimentation-2	Maharaja Institute of Technology, Mysore.	22 nd & 29 th October 2022
Characterization Techniques	Presidency University Bangalore.	10 th -14 th Oct 2022
Magnetolectric composites	Vidya Vardhaka College of Engineering, Mysuru.	23 rd June 2021
Research Skills and Techniques	Reva University, Bengaluru	24 th to 28 th May 2021
Current Research Trends in Applied Physics	B M S College of Engineering, Bengaluru	10 th –June 14 th 2019.
Research Methodology	VTU-HRDC, Chickaballapur	30 th July to 4 th August 2018
New Model Curriculum for first year BE -CBCS	SCEM, Mangaluru	2021
Recent Trends in Science and Mathematics	GSSSIETW, Mysuru	11 th January 2017
Latest Trends in Nano-Technology	National Institute of Engineering, Manandvadi road, Mysuru.	25 th October 2016
Ionising radiations-detection, Measurement, Applications and Safety	NIE Institute of Technology Mysore and Indian Nuclear Society.	18 th October 2014
Novel materials and their applications	Sri Jayachamarajendra College of Engineering Mysore	13 th &14 th August 2008

Responsibilities taken in college level:

Event	Positions	Year
Anti-Ragging committee	Chairman	2017
ISO coordinator	Member	2018
Sports coordinator	Coordinator	2019

No. of student projects carried out as a guide (PG):

Few ProjectName & Descriptions	Year
NIL	

PersonalDetails:

Permanent Address	S/O Shivakumar S, # 956/1, Zoo Garden Road, Indiranagar, Mysore-570010	
Date of Birth:	04/06/1983	Blood Group: B +ve
Father's Name	Shivakumar S	
Mother's Name	T .Rathna	
Nationality	Indian	