



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.jssateb.ac.in



FACULTY PROFILE

Department: Mechanical Engineering

1. Personal Details

NAME	Kousik S	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Asst. Professor	
PHONE	9739721220	
EMAIL ID	skousik@jssateb.ac.in	
Date of Joining (JSSATEB)	23-09-2009	

2. Experience

Total Experience in Years	Teaching: 11 Years	Industry: NIL	Research: NIL
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Mechanical Engineering	2009	Maharaja Prithvi Engineering College	Anna University, Chennai, Tamil Nadu
M.Tech	Mechanical Engineering (Machine Design)	2014	BMS College of Engineering	Visvesvaraya Technological University (VTU), Belgaum, Karnataka
Ph.D.	-	-	-	-
Post Doc.	-	-	-	-
Others	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: --	National: --
Papers Published in SCOPUS indexed Journals	International: 04	National: --
Papers Published in other Journals	International: --	National: --
Papers Presented in Conferences / Symposium	International: --	National: 01

Books / Book chapters Published	Name of the book: -- Publisher: Year of Publication:
	Name of the book: -- Publisher: Year of Publication:

5. Research Guidance

PhD Guide? Give field & University		University:
PhDs / Projects Guided	Ph.D. Awarded: Guiding: NIL	Projects at Master's Level: 01 Projects at Bachelor's Level: 14

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount, Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL				

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
NIL		

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Safety audit	50,000/-	12-01-2018	1 Week	Wienerberger India Pvt Ltd.
Emergency Plan	40,000/-	20-12-2017	1 Week	Wexford Laboratories Pvt. Ltd
Safety audit	35000/-	27-03-2017	1 Week	Wexford Laboratories Pvt. Ltd
Safety audit	50,000/-	27-03-2017	1 Week	M/s. Beloorbayir Biotech Ltd.
Safety audit	50,000/-	18-02-2017	1 Week	SAMI LABS Ltd
Safety audit	55,000/-	18-02-2017	1 Week	P J Margo Pvt Ltd
Safety audit	63,750/-	18-02-2017	1 Week	TMEIC Industrial Systems Pvt. Ltd

7. Awards Received

1	NIL
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8. Member of BOS/ BOE/ Board/ Governing Council/ Committees (University or State Level)

Sl. No.	Name of the Committee	Position	From Date	To Date	Name of the University/ Organization/ Board
NIL					

9. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Analysis of 8 link Quadrupe walking Robot	Kousik S Rahul Suresh	International Journal of Engineering Research & Technology	Volume 8, Issue 14, ISSN: 2278-0181, PP 39-44. DOI:10.17577 August 2020	Scopus	0.15	International Journal of Engineering Research & Technology
2	Computational Analysis of a Multi-Cylinder Four Stroke SI Engine Exhaust Manifold System	Kousik S Girish L, Gowreesh S S	International Journal of Engineering and Advanced Technology	Volume-5 Issue 5 June 2016	Scopus	0.1	Blue Eyes Intelligence Engineering & Science Publication
3	Finite element analysis on comparative effect of ring Stiffeners and stringers on free vibration Characteristics of isotropic cylindrical shells	Kousik. S, Suresh .B. S, Sharana Basavaraja J and Rangavittal. H. K.	International Journal of Structural Stability and Dynamics,	Volume 9 Issue 14, August 2014	Scopus	0.7	World Scientific Publishing Co. Pte Ltd
4	The effect of ring-stiffeners on free vibration Characteristics of cylindrical shells	Kousik. S, Suresh .B. S	International Journal of Computational Methods	Volume 6 Issue 5, May 2014	Scopus	0.6	World Scientific Publishing Co. Pte Ltd

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
NIL							

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
NIL							

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	National Conference on Emerging Trends in Engineering Science for Future Technology (NCETESFT-2020)	Sri Siddhartha Institute of Technology, SSIT, Tumkur	5 th August 2020
2	Modelling & Simulation	Goa College of Engineering	7 th -18 th , Dec 2015

v. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	Quadrotor	JSSATE, Bangalore & Skyfi Education Labs Pvt Ltd., Bangalore	4 th & 5 th Nov 2016.	Coordinator
2	RC Aircraft	JSSATE, Bangalore & Skyfi Education Labs Pvt Ltd., Bangalore	10 th & 11 th October - 2015	Coordinator
3	Gesture Based Robotics	Roboversity	10 th & 11 th October - 2015.	Coordinator

vi. Workshops / Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
NIL			

10. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Robotics	IIT, Kharagpur	26-09-2019	74
2	Understanding Design, NPTEL	IIT, Bombay	20-03-2020	64
3	AI For Everyone - Coursera	Deep Learning.AI	21-May-2020	99
4	Intelligent Machining - Coursera	University at Buffalo	21-May-2020	98
5	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion - Coursera.	Georgia Institution of Technology	21-May-2020	89
6	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading, - Coursera	Georgia Institution of Technology	22-May-2020	93
7	Introduction to Self-Driving Cars - Coursera	University of Toronto	23 May 2020	100
8	Digital Manufacturing & Design - Coursera	University at Buffalo	22 May 2020	94
9	Introduction to Programming with MATLAB, - Coursera	Vanderbit Unversity	15 Jun 2020	99
10	Machine Learning Foundations: A Case Study Approach, - Coursera	University of Washington	22 May 2020	97
11	The Finite Element Method for Problems in Physics, - Coursera	University of Michigan	15 Jun 2020	94
12	Cyber security and the Internet of Things, - Coursera	University System of Georgia	20 Jul 2020	92
13	3D Printing Applications, Coursera	University of Illinois at Urbana Champaign	20 Jul 2020	87
14	Feature Engineering, Coursera	Google Cloud	10 Aug 2020	94
15	Machine Design Part I, - Coursera	Georgia Institution of Technology	10 Aug 2020	90
16	Simulation Analysis for Mechanical Engineers with Autodesk Fusion 360	Autodesk	05 Sep 2020	88
17	Introduction to Mechanics - Coursera	Georgia Institution of Technology	03 Oct 2020	100
18	COVID-19: What You Need to Know (CME Eligible)	Osmosis	03 Oct 2020	100
19	Wind Energy	Technical University of Denmark	03 Oct 2020	92
20	Mechanics of Materials III: Beam Bending, - Coursera	Georgia Institution of Technology	16 Nov 2020	87
21	Introduction to Solar Cells, Coursera	Technical University of Denmark	16 Nov 2020	98
22	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories, - Coursera	Georgia Institution of Technology	16 Nov 2020	100
23	Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep	Autodesk	05 Sep 2020	91
24	Applications in Engineering Mechanics, - Coursera	Georgia Institution of Technology	16 Nov 2020	93
25	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Autodesk	05 Sep 2020	93

11. Membership of Professional Bodies:

1. International Association of Engineers (IAENG)
2. The Institution of Engineers (IEI)

12. Any other information you will like to share about your professional experience

NIL

Name & Designation of the Faculty Member

KOUSIK S
Asst. Professor