



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	Dr. Siddappa P.N.	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Assistant Professor	
PHONE	8951545074	
EMAIL ID	siddappapn@jssateb.ac.in	
Date of Joining (JSSATEB)	18-08-2012	

### 2. Experience

Total Experience in Years	Teaching: 10 Years	Industry: 13	Research: 5 Years
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Mechanical Engineering	2009	Sri Jayachamarajendra College Engineering, Mysore	VTU, Belagavi
M.Tech.	Master of Engineering Management (MEM)	2011	Sri Jayachamarajendra College Engineering, Mysore	VTU, Belagavi
Ph.D.	Faculty of Mechanical Engineering	2020	JSS Academy of Technical Educatio, Bengaluru	VTU, Belagavi

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 07	National: 01
Papers Published in SCOPUS indexed Journals	International: 01	National: Nil
Papers Published in other Journals	International: 01	National: Nil
Papers Presented in Conferences / Symposium	International:03	National: Nil
Books / Book chapters Published	Name of the book: Advances in Mechanism and Machine Science Publisher: Springer International Publishing Year of Publication:2019	

## 5. Research Guidance

PhD Guide? Give field & University	Nil	University:
PhDs / Projects Guided	Nil	Projects at Master's Level: 01 Projects at Bachelor's Level: 08

## 6. Grants

### i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Nil	Nil	Nil	Nil	Nil

### ii. Patents

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

### iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Nil	Nil	Nil	Nil	Nil

## 7. Awards Received; Nil

## 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
1	Nil	Nil	Nil	Nil	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	Characterization of mechanical properties of Al/TiCP MMC	Siddappa P N & B P Shivakumar	International Journal of Materials Research,	Vol. No.108 Issue No.2 pp: 139-142 Year:02/2017	WOS	0.653	Deutsche Gesellschaft für Materialkunde, Carl Hanser Verlag, Germany
2	Microstructure studies and mechanical characterization of T6 heat treated aluminium and copper-based alloy reinforced with zircon and graphite composite	Mruthumjaya M. B P Shivakumar, K B Yogesha, Siddappa P.N	Journal of Engineering Science and Technology	Vol.14, Issue: 4 Year: 2019	WOS	0.79	School of Engineering, Taylor's University, Malaysia

## 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
1	Design and Development of Manually Operated Multipurpose Bi-Piston Hydraulic Press	Siddappa.P.N Vikas B S, Abhilash G, Sahitya	Glacier Journal Of Scientific Research Publisher: Taraben Patel Education Trust, Ahmedabad	Volume:1 Issue:2015/11 Pages:26-34 Year: Nov.2015	Volume:1 Issue:2015/11 Pages:26-34 Year: Nov.2015	-	Taraben Patel Education Trust, Ahmedabad

## iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	The effect of TiC particulate reinforcement on dry sliding wear behaviour of Al based composites,	Siddappa P.N. B.P Shivakumar Yogesha K B M Mrityunjaya	Materials Today: Proceedings	2019	Scopus	0.97	Elsevier
2	Mechanical and Tribological Characterization of Hybrid Composites: A Review	Yogesha K B Prasanna S N BP Shivakumar M Mrityunjaya Siddappa P.N	Materials Today: Proceedings	2019	Scopus	0.97	Elsevier
3	Effect of SiC Particulate on Dry Sliding Wear Behaviour of Al based Forged Metal Matrix Composites	B.P Shivakumar, MB Hanamantraygouda L Prashanth, K B Yogesha, Siddappa P.N. M Mrityunjaya	Advances in Mechanism and Machine Science,	Vol. No.:73 pp:3903-3913 Year: June 2019	Scopus		Springer International Publishing
4	Effect of Cold Forging on Microstructure and Mechanical Properties of Al/SiC Composites,	M.B.Hanamantraygouda, B.P. Shivakumar, Siddappa P.N. L Sampathkumar, L Prashanth	IOP Conference Series: Materials Science and Engineering	Vol.310 Year: Mar. 2018	Web of science		IOP Publishing, Inc.
5	Machinability study of Al-TiC metal matrix composite.	Siddappa P.N. BP Shivakumar Yogesha K B, M Mruthunjaya, MB Hanamantraygouda	MATEC Web of Conference, Publisher: EDP Sciences	Vol-144, PP:1-14 Year: Jan. 2018	Web of science	0.44	EDP Sciences

## Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	High Speed Rail Symposium	SJCE, Mysore	9th - 10th May 2013
2	Recent Developments in condition Monitoring and Maintenance of Machinery	NMAMIT, Nitte, Udupi, Dist.- 574110	5th-7th June 2014
3	Workshop on Materials Micro structure characterization using optical and scanning electron Microscopy	IIT Hydrabad	20th -24th Dec 2015

4	Basic course on ANSYS CFD	JSSATE	28th -29th Mar 2016
5	Research Methodologies & Latex	VTU e Learning center, Mysore & DBIT, Bangalore	26th to 28th May 2016
6	Technological Advancements in Materials and manufacturing for Industrial Environment" (TAMMIE'2016), ,	KPR Institute of Engineering and technology, Coimbatore, Tamil Nadu,	4th –5th March 2016
7	Research in Mechanical Engineering Science (RiMES- 2017)	MIT, Department of Mech. Engg. Manipal	21st – 23rd December, 2017
8	International Conference on Materials, Manufacturing and Modelling (ICMMM 2019) Publisher: Elsevier Ltd.	VIT, Vellore.	29th-31st March 2019

Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
	Nil	Nil	Nil	Nil

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
	Nil	Nil	Nil

Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Manufacturing of Composites	NPTEL	Elite	75%
2	Intelligent Machining	Coursera	May 17, 2020	92.68%
3	Materials Science: 10 Things Every Engineer Should Know	Coursera	May 20, 2020	96.40%
4	Understanding Research Methods	Coursera	June 1, 2020	100.00%
5	Digital Manufacturing & Design	Coursera	June 5, 2020	88.24%
6	AI For Everyone	Coursera	June 18, 2020	90.75%
7	Material Behavior	Coursera	July 4, 2020	91.75%
8	Ferrous Technology I	Coursera	July 8, 2020	97.92%
9	COVID-19 Contact Tracing	Coursera	August 7, 2020	95.25%

Membership of Professional Bodies:

<b>1. The Institution of Engineers (India) ( IEI)</b>
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Any other information you will like to share about your professional experience

Dr. Siddappa P.N.  
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