


PERSONAL DETAILS		
Name	SANTHOSH KUMAR T C	
Department	MECHANICAL ENGINEERING	
Designation	Assistant Professor	
Qualification	M.Tech.,	
Teaching Experience	08 Years	
Email ID	santhoshkumartc@bgsit.ac.in	
Date of Joining	22-08-2013	
Vidwan-ID	119852	
Orcid ID	0000-0002-6568-762X	
Google Scholar ID	https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=8kwtQP8AAAAJ	
Nature of Association	Regular	
Core Discipline	Mechanical Engineering	
Specialization	Tool Engineering	
Areas of Interest	<ul style="list-style-type: none"> ✓ Computer Aided Engineering Drawing ✓ Computer Aided Machine Drawing ✓ Finite elemental method ✓ Fluid Power System 	
MEMBERSHIP OF PROFESSIONAL BODIES		
Professional Society	From Year	Membership Number/ Nature
AMIE	February 2016	AM-1639636/LIFETIME
ISME	February 2017	SMISME20172010031
ISCA	August 2019	L-38401/ LIFETIME
ISTE	2020	LM 131762/LIFETIME
PUBLICATIONS		
INTERNATIONAL JOURNALS:		
1. International Journal for research in Engineering application and management. HIGH QUALITY FACTOR 2D PHOTONIC CRYSTAL BASED PRESSURE SENSOR. 2019, Vol 05, Issue 03.		
2. Design and Development of Multifunctional Unmanned Vehicle for Agriculture Purpose using Solar Power. ISBN : 978-81-945201-0-8.		
INTERNATIONAL CONFERENCE:		

1. "3 rd International conference on Recent Research Emerging Trends in Materials and Mechanical Engineering"(ICRRETMME-2019). Karnataka, Bengaluru,12 th and 13 th July 2019. Reva University
2. "Emerging Trends in Manufacturing Technology" INC@mtTRENDS '12. Kerala, Ernakulam, 5 th and 6 th Sept 2012. Toc H Institute of Science and Technology (TIST)
3. Developments and Opportunities In Civil Engineering Applied Sciences and Mechanical Engineering DOCAM'2012.

NATIONAL CONFERENCES:

1. National conference on Advance in Polymeric Materials (APM-2012) <i>Paper title:</i> The optimum cooling channel design for plastic injection mould
2. Participated in the 5th National Conference on Plastic & Rubber Technology "POLYCON" 2011 Conducted by SJCE, Mysore.

GUEST LECTURES DELIVERD

Invited College Name	Title of the topic	Date
VTU, RO	Hydraulics and Pneumatics	2 days (24/10/2019 to 25/10/2019)

WORKSHOPS/SEMINARS/FDPs/PARTICIPATED:21

1. On Hydraulics And Pneumatics at VTU Bosch Rexroth Centre Of Competence In Automation Technology Mysore.
2. On Recent trends in Industrial practices, RTIP-2018 at Srinivas Institute of technology, Mangalore.
3. Attended one day Work shop on " PRINCIPLES OF PEDAGOGY FOR ,EFFECTIVE INSTRUCTIONS DISSEMINATION" on 19 th july 2014 at S.J.C Institute of Technology, Chickballopur, Karnataka, INDIA
4. Attended one week FDP on " THERMAL POWER ENGINEERING" held on 22 th -27 th July 2019 at Rajarajeswari college of Engineering, Bengaluru, Karnataka, INDIA
5. Participated in One Week Online Faculty Development Programme on "MECHANICAL ENGINEERING VIRTUAL LABS" organized by the Department of Mechanical Engineering, Nagarjuna College of Engineering and Technology, in association with Virtual Labs, NITK, Suratkal, from 6 th May to 13 th May 2020.
6. Participated in One Day online Webinar on "Solar Energy Opportunities and Management" organized by the Department of Mechanical Engineering & Department of Electrical and Electronics Engineering, Faculty of Engineering and Technology JAIN (Deemed-to-be University), on 28 th May 2020.
7. Attended an online one week FDP on "EMERGING AREA IN MANUFACTURING" HELD DURING 25 th to 30 th May 2020, at Vimal Jyothi Engineering college, jyothi nagar, chemperi, kannur, kerala, INDIA.
8. Attended one day Online Workshop on " Scientific Writing for Journals" on 20 th May

2020 By SPRINGER NATURE		
9. Attended an online one National Level FDP on “Decoding Examination During and Post COVID 19 ” held during 08 th May 2020, Organized by <i>Skillslate and powered by Zovy Studios, Pune.</i>		
10. Attend an online one week FDP on “NBA and NAAC Accreditation Process” Organized on 4 th to 8 th June 2020, M. S.Ramaiah Institute of Technology MSR Nagar, MSRIT Post Bangalore, PIN- 560 054, Karnataka, INDIA.		
11. Attended one day Online Faculty Awareness on “Faculty Awareness Programme on NBA” on 21st May 2020 organized by Department of Electronics & Telecommunication Engineering, Dr. D. Y. Patil School of Engineering & Technology , Pune.		
12. Attended an online six day FDP on “EMERGING AUTOMOTIVE TECHNOLOGIES” held during 25th to 30th June 2020, organized by kalasalingam university, School of Automotive and Mechanical Engineering, Department of AUTOMOBILE Engineering.		
13. Attended an online five day National Level FDP on “Finite Element Analysis Practice and MATLAB” held during 13th to 17th July 2020, organized by Tontadarya College of Engineering, Mundaragi Road, Gadag - 582 101, Karnataka, INDIA.		
14. Attended an online Refresher Programme on “Intellectual Property for Engineers & Scientists” - Phase I from November 9 th 2020 to November 14 th 2020, organized by CMR Institute of Technology 132 AECS Layout ITPL Main Road, Kundalahalli Bangalore 560037, India.		
15. Attended an online six day Training Programme on “Thermal Engineering” during March 17 th 2021 to March 23 rd 2021, organized by Kalpataru Institute of Technology, Tiptur, Karnataka.		
16. Attended an online six day FDP on “Current Era – A Technology driven Digital Transformation in Industry 4.0” during March 30 th 2021 Aug to Sept 04 th 2021, organized by SJB Institute of Technology, Kengeri, Bangalore -60, Karnataka.		
SUMMARY OF BOOKS/ MONOGRAMS PUBLISHED		
Title of the Book	Year of Publication	Publisher
Emerging Trends in Engineering And Technology	2021	Integrated Publications
ONLINE COURSES		
Course Title	Course Organization	Year
Basic of Finite Element Analysis -I	NPTEL	2019-19
Manufacturing Process Technology	NPTEL	2019-19
AWARDS, COMMENDATIONS RECEIVED		

Nature	Year	Awarding Organization
E-quiz (Basic of Thermal Engineering)	7 th January 2020	Vidyavardhaka college of Engineering, Mysuru, Karnataka, INDIA
Quiz (Engineering Graphics)	1 st and 2 nd July 2020	Dr. T Thimmaiah Institute of Technology, K G F, Karnataka, INDIA
Quiz (Data Structures)	14 th June 2020	Vivekananda Institute of Technology Kumbalagodu, Kengeri, Bengaluru - 560 074 Karnataka, India
Quiz (COVID - 19)	03 rd June to 07 th June 2020	Sri Venkateshwara College of Engineering Vidyanagar, Kempegowda International Airport Road, Bengaluru – 562 157.

PATENTS

1.

2.

GRANTS RECEIVED FOR MAJOR AND MINOR PROJECTS

Title of the project	Sanctioned Year	Agency	Amount
Design and Fabrication of Finger Movement Controlled Wheelchair For Differently Abled Person	2021	Karnataka state council for science and technology	7000/-