

PERSONAL DETAILS		
Name	Dr. Ranganatha Swamy L	
Department	Mechanical Engineering	
Designation	Associate Professor	
Qualification	M.Tech., Ph.D.	
Date of Joining	17.08.2005	
Teaching Experience	17 Years	
Email ID	ramnathjenu@gmail.com	ranganathaswamyl@bgsit.ac.in
Vidwan-ID	119839	Orcid ID 0000-0001-7452-4184
Nature of Association	Regular	
Specialization	IC Engines and Alternate Fuels	
Areas of Interest	<ul style="list-style-type: none"> • Basic Thermodynamics • Engineering Graphics • Operations Research • Alternate Fuels 	
MEMBERSHIP OF PROFESSIONAL BODIES		
Professional Society	From Year	Membership Number/ Nature
MIE	February 2016	M-1538424/ LIFE TIME
ISME	February 2017	SMISME20172010024 LIFE TIME
ISTE	Dec 2020	LM 131757 LIFE TIME
PUBLICATIONS		
INTERNATIONAL JOURNALS: 5		
1. Ranganatha Swamy L., K.S. Nagaprasad, N.R. Banapurmath, S.V. Khandal, T.K. Chandrashekar and D. Madhu., Effects of Using Exhaust Gas Recirculation on the Performance, Combustion and Emissions of Diesel Engine with Manifold Injected Ethanol and Diesel-Ethanol Blend, <i>Universal Journal of Petroleum Sciences</i> , Volume 5, 2017. Page No. 20-36.		
2. Ranganatha Swamy L., Chandrashekar T.K., Banapurmath N.R. and Khandal S.V., Impact of Diesel-butanol Blends on Performance and Emission of Diesel Engine, <i>Oil and Gas Research</i> , Volume 1, Issue 1, 1000101, October 17, 2015.		
3. Ranganatha Swamy L., Chandrashekar T.K., Banapurmath N.R. and Khandal S.V., Alcohol (Ethanol and Diethyl Ethyl Ether)-Diesel Blended Fuels for Diesel Engine Applications-A Feasible Solution, <i>Advances in Automobile Engineering</i> , Volume 4, Issue 1, 1000117, June		



05, 2015.		
4. Ranganatha Swamy L., T.K. Chandrashekar, N.R. Banapurmath and P. Nashipudi, Effect of Injection Timing, Combustion Chamber Shapes and Nozzle Geometry on the Diesel Engine Performance, <i>Universal Journal of Petroleum Sciences</i> 2, 2014. Page No. 74-95.		
5. Ranganatha Swamy L. and T.K. Chandrashekar, Potentiality of Dibutyl Ether on Diesel Engine Performance and Emissions, <i>International Journal of Engineering Research & Technology</i> , Volume 2, Issue 10, October – 2013.		
INTERNATIONAL CONFERENCE: 1		
1. Ranganatha Swamy L., Chandrashekar T.K and Banapurmath N.R., Effect of Injection Timings and Duration on Port Injection of Oxygenated Fuels in Diesel Engine Applications, Online 2 nd International Conference on Technological Convergence in Engineering, Energy and Sustainability (ICTCEES-2020) held during 18 th -19 th of July 2020 at Vimal Jyothi Engineering College, Kannur, Kerala, India.		
NATIONAL CONFERENCES:02		
1. Chaired a Technical Session at National Conference on Emerging Trends in Mechanical Engineering-2019 on 3 rd May 2019 at Adichunchanagiri Institute of Technology, Chikmagalur, Karnataka, India.		
2. Technical Committee Member at 9 th State Level Technical Paper Presentation PANCHAJANYA-2019 at Ekalavya Institute of Technology, Ummathur, Karnataka, India.		
GUEST LECTURES DELIVERD		
Invited College Name	Title of the topic	Date
SJBGS Polytechnic, BG Nagara	Alternate fuels	7 th Oct 2016
Kalpataru Institute of Technology, Tiptur	IC Engines/Alternate fuels	27.04.2021
WORKSHOPS/SEMINARS/FDPs PARTICIPATED: 15		
1. Attended an Online One Week Faculty Development Programme on <i>Emerging Areas in Manufacturing</i> held during 25 th May to 30 th May 2020 organized by the Department of Mechanical Engineering, Vimal Jyothi Engineering College, Kannur, Kerala, India.		
2. Participated in online test on <i>Awareness on Outcome Based Education in NBA Accreditation Process</i> on 25 th May 2020 organized by GM Institute of Technology, Davangere, Karnataka, India.		
3. Participated in Online Quiz on <i>Faculty Awareness Program on NBA</i> on 21 st May 2020 organized by Dr D Y Patil School of Engineering and Technology, Pune, Maharashtra, India.		
4. Attended TVS TS Free Webinar on <i>Electrical Vehicle Calculation</i> on 20 th May 2020.		
5. Participated in One Week Online Faculty Development Programme on <i>Mechanical Engineering Virtual labs</i> 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 Workshop entitled <i>Significance of Intellectual Property Rights and Innovations</i> held at BGS Institute of Technology, BG Nagara, Adichunchanagiri		

University, on 10 th March 2020.		
7. Attended an <i>Orientation Programme regarding State Post Matric Scholarship</i> held on 7 th November 2019 at Senate Bhavana, Manasagangothri, Mysuru.		
8. Participated in the Orientation Program on <i>Draft National Education Policy-2019</i> held on 6 th September 2019 at Adichunchanagiri University, BG Nagara, Mandya, Karnataka, India.		
9. Participated in One Day Training on <i>Management of Intellectual Property</i> held on 21 st June 2019 at Adichunchanagiri University, BG Nagara, Karnataka, India.		
10. Attended Faculty Development Programme on <i>CATIA and its Industrial Applications</i> from 22 nd – 26 th January 2018 BGS Institute of Technology, BG Nagara, Karnataka, India.		
11. Attended Four Days Faculty Development Programme on <i>CAED and CAMD</i> conducted by Autodesk, Inc at VTU Regional Office, Mysuru from 30 th April to 3 rd May 2015.		
12. Participated in Faculty Development Programme on <i>Recent Developments in Alternate Fuels and IC Engines</i> held from 15 th to 18 th May 2014 at Mangalore Institute of Technology and Engineering, Moodbidri, Karnataka, India.		
13. Participated in Engineering Faculty Workshop, MISSION10X on 16 th to 18 th October 2013 at BGS Institute of Technology, BG Nagara, Karnataka, India.		
14. Attended One Day Interactive Programme on Computer Aided Engineering Drawing on 30 th July 2006 at BMS College of Engineering, Bengaluru, Karnataka, India.		
15. Attended Two Days Orientation Programme on Computer Aided Engineering Drawing on 9 th -10 th July 2006 at National Institute of Engineering, Mysuru, Karnataka, India.		
SUMMARY OF BOOKS/ MONOGRAMS PUBLISHED		
Title of the Book	Year of Publication	Publisher
Operations Research	2019	Sunstar Publisher
ONLINE COURSES		
Course Title	Course Organization	Year
Non-Conventional Energy Resources	NPTEL	2018-19
Operations Research	NPTEL	2019-20
AWARDS, COMMENDATIONS RECEIVED		
Nature	Year	Awarding Organization
Best Teacher	2018	BGSIT, B G Nagara