



Channabasaveshwara Institute of Technology


(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)

(ISO 9001:2015 Certified Institution)

NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka



Faculty Profile

Name of the Teaching Staff	Mr. Natesh C P		LATEST PHOTO 
Department	Mechanical Engineering		
E-mail	natesh.cp@cittumkur.org		
Present Designation	Assistant Professor		
Google Scholar ID	http://scholar.google.co.in/citations?user=-9hxzL0AAAAJ		
ORCID	http://www.orcid.org/0000-0002-2191-232X		
VIDWAN ID	201553		
Education Qualifications	UG (B.E., 2009, 72.52%) PG (M.Tech, 2012, 80.79%) Ph. D (Pursuing, MCE Hassan-RC)		
Work Experience in Years			
Teaching	11.2 Year		
Research	--		
Industry	01 Year		
Other	--		
Total	12.2 Year		
Area of Specialization	Mechanical Engineering		
Publication Details			
	Publication Year	Title	ISSN/ISBN/DOI No.
	2023	Tribological and Morphological Study of AISI 316L Stainless Steel during Turning under Different Lubrication Conditions	Lubricants 2023, 11, 52. https://doi.org/10.3390/lubricants11020052
	2022	Tribological Studies on Milling AISI D2 Using Modified Simarouba Oil	Nigerian Journal of Engineering Science Research (NIJESR). Vol. 5, Issue 3, pp.12-19, September, 2022
	2020	Effect of Injection Pressure Variation on Performance and Emission Test on 4 Stroke Single cylinder Diesel Engine Using Simarouba Seed Oil	ISSN: 2394-3114 Vol-40-Issue-70-March - 2020

	2020	Effect of Additives on Lubricant Properties of Epoxidised Pongamia Oil	ISSN: 2394-3114 Vol-40-Issue-70-March - 2020
	2020	Extraction of Biodiesel from Neem Oil	ISSN: 2394-3114 Vol-40-Issue-70-March - 2020
	2020	Design and Development of Multifunctional Unmanned Vehicle for Agriculture Purpose Using Solar Power	ISBN: 978-81-945201-0-8 [IEI (India) Journal]
	2019	Studies on Drilling AISI 316L using Formulated Pongam oil as straight Cutting Fluid	ISSN: 1662 - 7482 DOI: https://doi.org/10.4028/ www.scientific.net/ AMM.895.194
	2018	Experimental studies on turning of AISI 316L using modified Neem oil as straight cutting oil	ISSN 2229-5518
	2017	Minimum Quantity Lubrication for machining operation – A Review	ISBN 978-81-928662-1-5
	2017	Potential vegetable oil-based metal working fluids – A Review	ISBN 978-81-928662-1- 6
	2012	Design development and analysis of injection mould tool for Divider housing median marker thermoplastic component	ISBN 978-93-82338-04-8
Professional Memberships	IFI – Indian Foundry Institute (SM/16426/S/BEL) InSc - Institution of Scholar (InSc201964a4) VIDWAN - (MHRD, Govt. of India) (67313) IREDC – International Economic Development and Research Centre (90081367) TERA - Teaching and Education Research Association (TERA-M19696) STRA - Scientific and Technical Research Association (STRA-M18334) IEI- The Institution of Engineers India (M 168195-2) IAE – International Association of Engineers (150323) IRED - Institute of Research Engineers & Doctors (AM1010002596) SSMVEGA – Sir M V Engineering Graduates Association (SSMVGEA 0031) SAE – Society of Automotive Engineers (7220110107) ISTE – Indian Society for Technical Education (LM 133302)		
No. of Books published with details	02 (01 Book and 01 Book Chapter)		
Book published	Chapters	Book Chapter Title: Programming Logic Controllers (PLC's) Area: Mechanical Engineering Book DOI: https://doi.org/10.22271/int.book.50 ISBN: 978-93-90471-48-5 Year of Published: 2021 Publisher: Integrated Publication, New Delhi, India	
Books Published	Book Title: Introduction to Additive Manufacturing Area: Mechanical Engineering ISBN: 978 81 940490 2 9 Year of Published: 2020 Publisher: IPH, Chikmagalur, Karnataka, India		
Reviewer in	JOURNAL REVIWER:		

Journal/Conference	Journal: International Journal of Engineering Research & Technology Registration No: IJERTREW3741	
Patents	Six Patents Filled 01. Reference No.: 201841008999 (Year: 2018) 02. Reference No.: 201941003687 (Year: 2019) 03. Reference No.: 202041001181 (Year: 2020) 04. Reference No.: 202141004589 (Year: 2021) 05. Reference No.: 202241017103 (Year: 2022) (filled + published) 06. Reference No.: 202341007099 (Year: 2023) (filled + published)	
Academic & Administrative Responsibilities	Academic	Administrative
	Proctor Class Advisor Laboratory In charge (CAD/CAM) SAE Faculty Coordinator NAAC Criteria 1 Department Coordinator CMS Department Coordinator Internship Coordinator Industrial Visit Coordinator Professional body membership Coordinator Training & Placement Coordinator Alumni Coordinator	Transportation Committee Member AICTE-KARMA Nodal Officer Proctorial System Committee Member ISI MR AICTE Activity head
FDPs & Workshops Attended	<p><u>FDPs/WORKSHOPS/SEMINARS PARTICIPATED - ATTENDED:</u></p> <ol style="list-style-type: none"> 1. Online Workshop on “Problem Solving & Ideathon” held on 04/12/2020, PE College of Engineering, Mandya. 2. Online Workshop on “Problem Solving & Ideathon” held on 30/11/2020, CIT, Gubbi 3. Online Workshop on “Awareness on Industry Safety during COVID 19” held on 23.05.2020, Department of Mechanical Engineering, S.A. Engineering College is an engineering college in Veeraraghavapuram near Thiruverkadu, Chennai, Tamil Nadu 600077 4. One week FDP on “Thermal Engineering” 17/02/21 to 23/02/2021, KIT, Tiptur 5. FDP on “Virtual Labs for affiliated Engineering Colleges Under VTU Belagavi” held on 20/10/2020, NITK, Surathkal, Karnataka 6. Faculty Development Program on “Strategic Planning and Best Practices” held on 22.05.2020, Rao Bahadur Y Mahabaleswarappa Engineering College in association with C. Byre Gowda Institute of Technology, Srinivasapura, to, Kolar Road, Thoradevandahalli, Karnataka 563101. 7. AICTE Sponsored Two-week FDP on “Advancement in Additive Manufacturing” held on 01/07/2019 to 14/07/2019 at CMR Institute of Technology, Bengaluru. 8. One week FDP on “Lab VIEW System Engineering Software Hands-on Training LSET – 2018” held on 16/01/2018 to 20/01/2018 at Srinivas Institute of Technology, Valachil, Mangaluru. 9. Three-day FDP on “Recent Trends in Industrial Practices – RTIP 2018” held on April 11 – 13, 2018 at Srinivas Institute of Technology, Valachil, Mangaluru. 10. Two days FDP on “CAD/CAM & Analysis of Composite Materials by Using Abaqus” held on 24 & 29/01/2018 at CIT, Gubbi. 11. Four-day Faculty development program on “Computer Aided Design, Modelling & Analysis of Mechanical Systems” held on 08/01/2018 to 11/01/2018 at Dayanand Sagar Academy of Technology & Management, Bengaluru. 12. “Recent Trends in CAD/CAM/CAE Technology in Design for Manufacturing” 05 Days Faculty Development Program (23/01/2017 to 28/01/2017) at CIT, Gubbi. 13. “Recent Trends in Mechanical Design for Manufacturing” 05 Days Faculty Development Program (20/07/2016 to 24/07/2016) at CIT, Gubbi. 14. “Scilab Workshop “One day Workshop by IIT, Bombay conducted at KSSCEM Bengaluru on 04/05/2019 15. “Current Trends & Challenges in Tribology” C T C T – 2017 One day Workshop held on 26/04/2017 at Sambhram Institute of Technology, Bengaluru. 16. “In house Workshop on Academic Writing” held on 12/07/2016 at CIT, Gubbi. 17. “Bhuvan Panchayat Portal for Asset Mapping & Planning” held on 04/12/2015 	

ISRO Headquarters, New BEL Road, Bengaluru.

18. **“Hands on Seminar/Workshop on Solid Works”** held on 20/11/2014 at VTU Regional Center, Bengaluru, Organized jointly by VTU, Belagavi and Core CA Technologies Pvt. Ltd. Bengaluru.
19. **“Rapid prototyping and Product design”** by Dr. Ramani N, Principal, NTT Bangalore. Conducted by Shridevi Institute of Engineering & Technology, Tumakuru Date: 15/10/2008 in Association with NTTF, Bengaluru.
20. **“Autonomous Robotics Workshop (Etrix)”** by IIT Bombay Robotic Institute Conducted by Shridevi Institute of Engineering & Technology, Tumakuru. Date: 22nd to 24th /02/2008.
21. **KSCST State Level Seminar & Exhibition (S & E)**, Date:26th& 27th/07/2019 at Dr. MSSCET, Belagavi, Karnataka. **Role:** Project Guide
22. **VTU UG Students Project Exhibition cum Competition – 2018**, Date: 28/06/2018 VTU Campus, Belagavi, Karnataka
23. **KSCST State Level Seminar & Exhibition (S & E)**, Date:11 & 12 /08/2017 at NMA Institute of Technology, Nitte, Karnataka. **Role:** Project Guide
24. **South India Project Exhibition (SIPE-2K17)**, Date: 19/05/2017 at Kalpataru Institute of Technology (KIT), Tiptur – 572 202, Published, Publication No.: **ISBN 978-81-928662-1-5**, **Role:** Project Guide
25. **ECO DRIVETHON (India’s First Bio Diesel Adventure)**, B 20 Category, 17th to 19th February 2017 (Bengaluru – Shringeri – Bengaluru), at Ciirc, Jothy Institute Technology, Tataguni, Bengaluru.

Awards & Achievements Received

AWARDS:

01. **“University Rank Award” (PG-VTU Rank)**

Award by: Visvesvaraya Technological University, Belagavi, Karnataka, India
Year: 2013

02. **“Best Young Scientist Award”**

Award by: Nature Science Foundation, Coimbatore, Tamilnadu, India
Year: 2020

03. **“Research Excellence Award - 2020”**

Award by: Global Research Foundation, New Delhi, India
Year: 2020

04. **“Mewadev Laurel Award 2020”**

Award by: Pratham Trust, Banda, Uttar Pradesh, India
Year: 2020

HONOURS:

01. **“First Place in KNEW - 2016”**

Secured **First Place** in National Level Technical Symposium “KNEW” - 2016 at Channabasaveshwara Institute of Technology, Gubbi, Karnataka, India
Year: 2016

02. **“Best Technical Paper”**

Best Technical Paper honoured in “Agriculture and Smart Village for Sustainable Development” National Conference at The Institution of Engineers - IEI (India), Karnataka State Centre, Bengaluru
Year: 2020

03. **“Best Farmer Friendly Project - Jury Honour”**

In **ANVESHANA - 2020** (National Level Science and Engineering Fair) at Shikshakara Bhavan, Bengaluru
Year: 2020

Ph.D Research Scholar Details	Guided /Awarded		
	Candidate Name :	NA	
	USN :		
	Title :		
	Year of Award :		
	Ongoing		
	Candidate Name :	NA	
	USN :		
Title :			
Year of Registration :	-		
Research/Sponsored Projects Funds Received & Projects Completed	Name of the Project :	-	
	Funds Received :	-	
	Sponsoring Agency :	-	
	Sanctioned Year :	-	
	Current status of the Project (Completed/Ongoing) :	-	
Student Funded Projects Guided	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU		
	Funds Received : 5,000/-		
	Title of the Project : Automatic Raking and Food Feeding Machine for Poultry Farming Using Solar Energy		
	Sanctioned Year : 2020- 21		
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU		
	Funds Received : 5,000/-		
	Title of the Project: Tribological Studies on Milling AISI D2 Using Bio Simarouba Glauca		
	Sanctioned Year : 2018 -19		
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : KSCST		
	Academic Year	Project Title	Funds Received
	2016 -17	Design and Development of Remote Controlled Solar Powered Multipurpose Pesticide Sprayer Automated Robot	6,000/-
	2017 -18	Fabrication of Remote Operated Multifunctional Unmanned Vehicle for Agricultural Purpose Using Solar Energy	8,000/-
	2018 -19	Design and Fabrication of Solar operated Multipurpose Agriculture Chopper	6,000/-
	2018 -19	Tribological Studies on Milling AISI D2 Using Bio Simarouba Glauca	7,000/-
	2020- 21	Automatic Raking and Food Feeding Machine for Poultry Farming Using Solar Energy	6,000/-
	2020- 21	Design and Fabrication of dry leaves Collecting Machine Using Solar Power at C I T Campus	6,000/-
	2021- 22	Automatic Hydroponic Farming Using IOT	5,000/-
	2022- 23	Solar Powered Automatic Aluminum Can Crusher	5,000/-
Any other accomplishments	<u>ONLINE CERTIFICATION COURSES COMPLETED:</u> 1. Topic: Introduction to Digital Manufacturing with Autodesk Fusion 360 Date of Completion: 01/10/2020 Authorized by: Autodesk and offered through Coursera 2. Topic: Advanced Manufacturing Process Analysis Date of Completion: 30/9/2020 Authorized by: University of Buffalo and The State University of New York and offered through Coursera		

3. Topic: Digital Manufacturing and Design
Date of Completion: 26/9/2020
Authorized by: University of Buffalo and the State University of New York and offered through
Coursera
4. Topic: Introduction to Project Management
Date of Completion: 26/9/2020
Authorized by: Coursera Project Network and offered through Coursera
1. Topic: Introduction to Google Docs
Date of Completion: 26/9/2020
Authorized by: Coursera Project Network and offered through Coursera
2. Topic: Mastering Autodesk AutoCAD: Learning Advanced Skills
Date of Completion: 20/10/2020
Authorized by: Udemy

WEBINARS ATTENDED: 13 Nos.

