



K.V.G. COLLEGE OF ENGINEERING

Kurunjibhag, Sullia, D.K.-574 327, Karnataka, INDIA
E-mail: office@kvgengg.com website: www.kvgengg.com

Department of Mechanical Engineering

FACULTY PROFILE

Name of the Faculty	YUVARAJ K. B.	
Designation	Assistant Professor	
Contact Numbers	Office: 08257-231141 Mobile: +91-9481845189	
E-mail ID	yuvarajkuntukadu@gmail.com	
AICTE ID: 1-731258032 VTU ID: 4KVME0001679		

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
M. Tech	Computational Analysis in Mechanical Sciences	2014	VTU(RC)GEC Hassan, VTU Belagavi
B.E	Mechanical Engineering	2010	KVGCE Sullia, VTU Belagavi

• Work Experience

Teaching	Research	Industry
10+Experience	03+Experience	1 year

• Date of Joining to the College

8th August 2011

• In-House Experience

Designation	Duration		Department
	From	To	
Asst. Professor	30-09-2014	Perusing	ME
Lecturer	01-12-2011	29-09-2014	ME
Assistant Lecturer	08-08-2011	30-11-2011	ME

• Outside Experience

Designation	Place	Duration	
		From	To
Lecturer	SNM Polytechnic Moodbidre, Mangalore	July 2010	Dec 2010
Trainee Engineer	Kewanee Labway India Pvt. Ltd, Bangalore	Jan 2011	June 2011

• Area of Interest

Material Testing	Automobile Engineering	Hydraulics and Pneumatics	Composite Materials	Thermal Engineering	IC Engines
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• Subjects Taught

UG		
<ul style="list-style-type: none"> Heat and Mass Transfer Hydraulics and Pneumatics Automobile Engineering Computer Aided Engineering Drawing Computer Aided Machine Drawing 	<ul style="list-style-type: none"> Entrepreneurship and Management Computer Integrated Manufacturing Elements of Mechanical Engineering Manufacturing process - 1 	<ul style="list-style-type: none"> Fluid Power Systems Engineering Graphics

• Membership in Professional Bodies /University Bodies / Organizations

- Member of Indian Society for Technical Education (MISTE) : LM - 86078

• Publications

National / International Journals	National / International Conferences
02	06

• Publications : International Journals

1. Yuvaraj K. B., G. M. Megharaj, Mahesh T. S. and Umashankar K. S. "Physical and Mechanical Characterization of Multiwall Carbon Nanotube Reinforced LM13 Alloy Composite" *International Journal of Research (IJR)*, Vol. 1, Issue – 5, ISSN 2348-6848, pp. 1045-1053, June 2014.
2. G. M. Megharaj, Yuvaraj K. B., Shivaramu H. T. and Umashankar K. S. "Study on mechanical properties of CNT reinforced LM20 Alloy Nanocomposite" *International Journal of Research (IJR)*, Vol. 1, Issue – 5, ISSN 2348-6848, pp. 1024-1032, June 2014.

• Publications : National / International Conferences

1. Study on Hardness and Density Behavior of Multiwall Carbon Nanotubes Reinforced LM13 Alloy Composite, *2nd International Conference on Current Trends In Engineering And Management (ICCTEM 2014) at VVCE Mysore*, pp.35, 17th -19th July 2014.
2. Study on Mechanical Properties of CNT Reinforced LM20 Alloy Nanocomposite, *2nd International Conference on Current Trends In Engineering And Management (ICCTEM 2014) at VVCE Mysore*, pp.31, 17th -19th July 2014.
3. Hardness Charecterisation of Heat treated Al7475 Alloy, *Jnanasangama 2018 at VCET Puttur*, 2018.
4. Mechanical Charecterisation of Heat treated Al7475 Alloy, *Dynamech-18 at KVGCE Sullia*, 2018
5. Effect of compaction and mechanical characterization of multiwall carbon nanotube reinforced LM13 alloy composite, *Technical PG Fest Vission-14 at KVGCE Sullia*, 2014.
6. Prediction of mechanical properties of compacted CNT reinforced LM20 Alloy Nanocomposite, *Technical PG Fest Vission-14 at KVGCE Sullia*, 2014.

• Professional Activities: NPTEL Course

	Subject	Year of Certification	Result
NPTEL	1. Teaching and Learning in Engineering (TALE) (By Prof. N J Rao, IISc, Bangalore)	March-2019 (4weeks. FDP)	73%
	2. Introduction to Abrasive Machining and Finishing Processes	Sep 2018 (8weeks. FDP)	62%

• **Faculty Development Programmes (FDP) Participated**

SL. No.	Program Title	Venue	Date & Year
1.	Four days Faculty Development Program on “Machine Dynamics and Instrumentation”(MDI-2012)	KVGCE, Sullia	2012

• **Workshops / Short-term Course Attended**

SL. No.	Workshop Title	Place	Date & Year
1.	Advances in Machining Processes – AIMP 2018	Srinivas Institute of Technology, Valachil Mangaluru	17 th & 18 th August 2018
2.	New Model Curriculum for First Year BE/B.Tech CBCS Detailed Syllabus (2018-19) as Per OBE Format Including Course Outcomes and Blooms Taxonomy	Sahyadri College of Engg. and Mgt. mangaluru	19 th May 2018
3.	Experiential Learning Through Virtual Lab	KVGCE Sullia	18 th April 2018
4.	Advanced Facilitation Skills	KVGCE Sullia	5 th & 6 th February 2018
5.	Rapid Prototyping and Manufacturing Technologies	KVGCE Sullia	1 th March 2016
6.	Hydraulics and Pneumatics	VTU Bosch Rexroth Centre of Competence, VTURC Mysore	27 th to 31 th July 2015
7.	Rapid Prototyping and Manufacturing Technologies	KVGCE Sullia	26 th February 2015
8.	Understanding Self and Interpersonal Relationship	KVGCE Sullia	18 th & 19 th December 2014
9.	Rapid Prototyping and Manufacturing Technologies	KVGCE Sullia	14 th March 2014

10.	Intellectual Property and Innovation Management in Knowledge Era	KVGCE Sullia	12 th November 2013
11.	Machine Dynamics and Instrumentation	KVGCE Sullia	26 th & 30 th March 2012

• No. of Student Projects Guided

UG

09

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
College Magazine(SHIPI)	Department Coordinator	September 2019	pursuing
NBA/NAC	Member	01/01/2012	pursuing
V8 Cricket	Discipline committee	2018	2018
College Day Celebration	Discipline committee	2018	2019
Kannada Rajostava Celebration	Discipline committee	2018	2018

• Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
1. Major Project	Coordinator	01/08/2019	pursuing
2. Major Project and Mini Project	Coordinator	01/08/2018	30/07/2019
3. NCAMREC 2018	Publicity Committee Chairmen	2018	2018
4. Department News Letter and	Coordinator	04/08/2017	01/08/2018

Wall Magazine			
5. Mechanical Engineering Association	Coordinator	01/08/2016	03/08/2017
6. Seminar	Coordinator	30/08/2015	30/08/2016
7. MMT lab	Lab Incharge	01/07/2014	pursuing
8. Mini project	Coordinator	01/07/2014	30/08/2015
9. Student counseling	Member	01/07/2014	pursuing
10. Four days Faculty Development Program on “Machine Dynamics and Instrumentation”(MDI-2012)	Stage Committee Chairmen	2012	2012
11. Two days National Conference on “Emerging Trends in Materials for Advanced Technology (NETMAT-2012)	Publicity Committee Member	2012	2012

• Participation details in the college level event

SL .No.	Event	Position / Role
1.	NBA	Criteria 4
2.	NAC	Criteria 9
3.	Annual Sports	Sports
4.	V8 Cricket	Discipline committee
5.	College Day Celebration	Discipline committee
6.	Kannada Rajostava Celebration	Discipline committee
7.	Thanthrajna (Every Year)	Different Committees
8.		

- Responsibilities taken in University level

SL. No.	Event	Position/Role	Year
1.	Valuation for B.E.	Valuator/Moderator	Since 2015
2.	B. E. Lab Examinations	Examiner	Since 2014
3.	B. E./M Tech/MBA Theory Invigilation	Examiner	Since 2011

- Awards / Recognition / Achievements/ Others

Secured Karnataka State level **Third Rank** in M-Tech (Computational Analysis in Mechanical Sciences), Visvesvaraya Technological University in 2014

Mr. Yuvaraj K. B.

Assistant Professor, Department of Mechanical Engineering

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