



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ಶಿಕ್ಷಣ ಮತ್ತು ಅಭಿವೃದ್ಧಿಯ ಸಚಿವರುಗಳ ಆಜ್ಞೆಯಂತೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿಸಲಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಲಗಾವಿ - ಜಿ.ಕೆ.ಎಂ. ರಸ್ತೆ, ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Dr. B. E. Rangaswamy Ph.D.
REGISTRAR

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Ref VTU/Aca./Res. Cent./A4/2022-23/6322/1

Date: 24 JAN 2023

NOTIFICATION

Sub: Grant of Recognition / Continuation (Extension) of Research Centers to offer Ph.D / M. Sc.(Engg.) by research reg.....
Ref: Executive Council Resolution No. 2.1.6, dated 30.07.2022.

In Pursuant to the resolution of Executive Council referred to the above, it is hereby notified that the following Department/s are Recognized as Research Centre/s to offer Ph.D / M. Sc.(Engg.) by Research programs under section (41) of the VTU Act 1994, in accordance with the Regulations and Guidelines in force (visit our VTU website www.vtu.ac.in for Regulations & Guidelines). The College / Institution may apply for the continuation of recognition against the University Notification after completion of Recognition period of the Research Centre/s.

Name of the college: SHRI DHARMASHTALA MANJUNATHESHWARA COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD

Type of Recognition	Department	Recognition	Period of the Recognition
Continuation Research Centre Recognition	Physics	Recommended	2022-23
	Mathematics	Recommended	2022-23
	Electronics & Communication Engineering	Recommended	2022-23
	Chemistry	Recommended	2022-23
	Mechanical Engineering	Recommended	2022-23
	Electronics & Electronics Engineering	Recommended	2022-23
	Computer Science & Engineering	Recommended	2022-23
	Information Science & Engineering	Recommended	2022-23
	MBA	Recommended	2022-23
	Chemical Engineering	Recommended	2022-23
	Civil Engineering	Recommended	2022-23

SECRET
 Inward No: 5936
 Date: 27/1/23
 Department: DAP/DAT
 REGISTRAR

Reg 23(01)23 BE
 REGISTRAR
 17/1/23

To,
 The Principal,
 Shri Dharmashtala Manjunatheshwara
 College of Engineering & Technology,
 Dharwad-580002.

Copy to:

1. The Secretary to VC, VTU, Belagavi for kind information.
2. The Registrar (Evaluation) VTU, Belagavi for kind information.
3. The Regional Director (I/C) of all Regional Offices of VTU for kind information.
4. The Special Officer, Ph. D. Section, VTU, Belagavi.

Department of Chemical Engineering

Research Center

The Department of Chemical Engineering is recognized as research center by VTU, Belagavi (Ref No: VTU/Aca-Res-Cen/2014-15/2960) to pursue Doctoral Research and MSc. (Engg.) course from 2014-15. The department has increased its research facilities through external and internal funding. Four students have registered for doctoral research in the research center of the department.

List of Research Guides

Sl. No	Name of Guide	Designation	University affiliated
1.	Dr. Keshava Joshi	Associate Prof.	Visvesvaraya Technological University
2.	Dr. Lokeshwari Navalgund	Associate Prof.	Visvesvaraya Technological University
3.	Dr. Rashmi S. H.	Asst Prof.	Visvesvaraya Technological University

Department of Chemical Engineering
PhD students Registered at Research Centre

Sl. No	Name of the Faculty	Details of PhD Guidance		
		Project title	Details of the students	Year of Registration And awarded
1	Dr. Sreekanth. B	Study on the use of Iron oxide Nanoparticles for the adsorption of Textile Dyeing Industrial Effluents	Mr. Krishna H Gurlhosur, Asst. Prof. Dept. of Chemical Engg., REC, Hulkoti, Gadag, Karnataka	Registered in 2014-15 Awarded in 2018-19
2	Dr. Keshava Joshi	Studies on simultaneous removal of nitrate and carbon using spouted bed reactor	Mr. Kiran Rathod (2SD17PGA05) Asst Prof, Department of Chemical Engineering, SDMCET-Dharwad	Registered in 2016-17 Completed Comprehensive in 20-21 Completed one open seminar
3	Dr. Keshava Joshi	Intensification of Heat Transfer & Pressure Drop Adopting Inserts in Laminar Region of Tube Side Viscous Fluid in Double Pipe Heat Exchanger	Mr. Prashant B. Dehankar (2SD18PCH01) Asst. Prof, Department of Chemical Engineering. TKIET, Warnangar	Registered in 2017-18 Completed Comprehensive in 20-21 Completed 2 open seminars
4	Dr. Keshava Joshi	Studies on heat transfer and laminar region of shell and tube side of the heat exchanger.	Mr. Vijay Annat Bhosale (2SD19PCH01) Asst. Prof, Department of Chemical Engineering. TKIET, Warnangar	Registered in 2019-20

Research Infrastructure Facilities

SL. No.	Facilities
1.	Online Nitrate/TOC/COD analyzer
2.	Atomic absorption Spectrophotometer
3.	UV – VIS Spectrophotometer
4.	Dissolved Oxygen meter
5.	Laminar Air Flow
6.	Micro Centrifuge
7.	Cooling Centrifuge
8.	Peristaltic Pump
9.	Air Compressor
10.	Auto Clave – Digital
11.	Incubator shaker
12.	Ball mill
13.	Jaw crusher
14.	Boiler
15.	Furnace
16.	Oven
17.	Flame photometer
18.	pH meter
19.	Respirable dust sampler
20.	Fine particulate sampler
21.	Gaseous pollutant sampler
22.	Ultra Sonicator
23.	Refractometer
24.	Exhaust gas analyzer
25.	Diesel Engine

**Department of Chemical Engineering
Faculty Research Grant (Ongoing)**

Sl. No.	Name of the Faculty	Project Title	Funding agency	Amount	Principle Investigator/ Team Members	Sanctioned Year/ Completed
1.	Dr. Rashmi S.H	Preparation and Characterization of Chitosan-Based Nanocomposites for Food Packing Applications	SDMCET SEED Funding	1.5 Lakh	Dr. Shivanand Y. A	2022-23 Ongoing
2.	Dr. Keshava Joshi	FDP Titled: Recent advances in waste treatment and recycle	VGST Bangalore	2 Lakh	PI: Dr. Keshava Joshi	2019-20 completed
3.	Dr. Shivanand Y. A	Production Characterization and Utilization of Fuel Oil Derived from Waste Windshield.	VGST Bangalore	20 Lakhs	PI: Dr. Shivanand Y. A	2019-20 Ongoing
4.	Dr. Lokeshwari. N	Emission inventory and source apportionment studies of air pollution at Hubli-Dharwad city and implementation of management strategies	VGST Bangalore	20 Lakhs	PI: Dr. Lokeshwari. N	2018-19 Ongoing
5.	Dr. Keshava Joshi	Denitrification of Industrial / Municipal Waste Water using Spouted Bed Bioreactor	VGST, Bangalore	20 Lakhs Two years	PI- Dr. Keshava Joshi	2015-16 Completed

Details of Faculty completed the PhD

Chemical Engineering Department

Sl. No	Name of the Faculty	Title of the Work	Year of Completion	Name of the University
1.	Dr. Shivanand Y. A	Investigations on Production and Evaluation of Bioethanol from <i>calliandra calothyrsus</i> - a lignocellulosic material	2017	VTU Belagavi
2.	Dr. Keshava Joshi	Studies on Denitrification Using Draft Tube Spouted Bed Reactor	2015	NITK Surathkal
3.	Dr. Lokeshwari Navalgund	Air Quality Modeling and Air Quality Atlas Using Remote Sensing and GIS for Hubli-Dharwad Region	2015	NITK Surathkal
4.	Dr. Rashmi S.H.	Synthesis - Characterization and Applications of Nano Metal Oxide Polymer Composites	2018	VTU Belagavi