

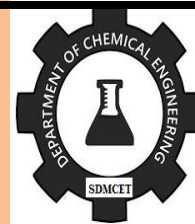


SDMCET CHEMICAL ENGINEERING NEWS LETTER

SRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD.

Department of Chemical Engineering

Key Serving Mankind



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Dr. Shivanand Y. A.
Editor-in -Chief

Dr. Rashmi S.H
Editor

Prof. S. S. Inamdar
Advisor

The Department of Chemical Engineering of SDM College of Engineering and Technology, Dharwad was established in the year 1995 with an intake of 30 seats. The course has been approved by AICTE, accredited by NBA twice in the past and third time for a period of 3 years (July 2018 to June 2021), recognized as the research center by VTU, Belagavi and has been awarded an Academic Autonomy status from 2007.

ACADEMIC PERFORMANCE:

The Academic Performance of the Students of even semester in the year 2018-19 is as given in the following table.

UG	SEM	RESULT (%)
	IV	84.21%
	VI	95.83%
	VIII	95.45%

PLACEMENT:

Industry/Company	No. of students placed
Shilpa Medicare, Hubli	05
Nandu Chemicals, Hubli	03
Zuari Agro Chemicals Ltd., Goa	01
Vadakara Coconut Farmers Producer Company Ltd, Calicut.	01

ALUMNI TALK/GUEST LECTURES:

- Alumnus Mr. Prithivraj Angadi, Engineer at Biocon Ltd., Bengaluru presented on “Application of Process Heat Transfer in Bioprocessing” on 19th March 2019.
- Alumnus Mr. Mahesh Aithal, Scientist Syngene, (Biocon) International Limited, Bengaluru presented on “Protein purification and on internships and job opportunities” on 13th April 2019.
- Dr. Krishna Kulkarni, Proprietor, Nichrome Testing and Research Lab., Dharwad delivered series of lectures on “Advance waste water treatment-case studies” for IV Semester Students on 05th, 26th April and 3rd May 2019.

Editorial:

I am fortunate to place the news letter of Chemical Engineering Department, containing the academic, co-curricular and extracurricular activities of the year 2018-19. I whole heartedly congratulate the faculty and students for their efforts and achievements.

-Dr. Shivanand Y. A.
HOD, Chemical Engg.

EVENTS:

- Training Programme on “Waste Water Analysis and Training in Atomic Absorption Spectrophotometer for the analysis of Trace Elements” conducted on 13th and 14th April 2019 at Nichrome Testing Laboratory and Research Private Ltd., Narayanpur, Dharwad for IV sem students.

FACULTY CORNER:

- Dr. Keshava Joshi & Prof. Kirankumar Rathod visited Karnataka Government Polytechnic College, Mangalore for Admission advertisement for lateral entry.
- Dr. Shivanand Y. A Participated and presented paper on “Investigation on production and categorization of fuel oil from waste wind shields” in Gyan Sangam 2019 - a two day National Conference held on 14th & 15th Feb. 2019 at KLE Tech University, Hubballi.
- Dr. Rashmi S.H. Presented a paper on "Extraction of chitosan from prawn shell waste using biological method and its application" in the 3rd International Conference on “Direct Digital Manufacturing and Polymers” held at Karnataka University, Dharwad from 20th to 23rd February, 2019.
- Dr. Shivanand Y. Adaganti organized an Induction Program for IV and VI semester Chemical Engineering students on “GATE”, Conducted on 25th Feb. 2019.
- Dr. Lokeshwari N. and Dr. Rashmi S.H. completed four-week NPTEL FDP on “Principles of Downstream Techniques in Bioprocess” conducted by Prof. Mukesh Doble, Department of Biotechnology, IIT Madras from Jan-Feb 2019.
- Dr. Shivanand Y.A completed 8 weeks of NPTEL online course on Chemical Process Control conducted by Prof. Sujit S. Jogwar, IIT Bombay.
- Dr Lokeshwari N. and Dr. Rashmi S.H. Organized one day Industrial visit for IV semester students to Sewage treatment plant, Desphande Foundation, Hubballi on 4th May 2019.



- Dr. Keshava Joshi & Dr. Lokeshwari N. published paper on “Isolation of Novel Aerobic Denitrifier and Optimization of Process Parameters for Biological Denitrification using RSM”.
- Dr. Shivanand Y.A, Prof. S.S. Inamdar & Prof. Kirankumar Rathod participated in the AICTE Sponsored one-week QIP Short Term Course on Laboratory and Ergonomic Safety for Engineers conducted by IIT Bombay from June 10th to 14th, 2019.
- Project (FDP) entitled “Recent advances in waste treatment and recycle” received Rs. 02 Lakh funding from VGST 2018-19. Principal Investigator: Dr. Keshava Joshi.

SPONSORED PROJECTS:

- Research project sanctioned by VGST under the K-FIST-Level-I for the year 2015-16 entitled “Dentrification of Industrial / Municipal Waste Water using Spouted Bed Bioreactor” received 2nd phase amount Rs. 10 Lakhs. Principal Investigator: Dr. Keshava Joshi.
- Project entitled “Emission inventory and source apportionment studies of air pollution at Hubli-Dharwad city and implementation of management strategies” sanctioned with Rs. 20 Lakhs by VGST for 2017-18. Principal Investigator: Dr. Lokeshwari N.
- Project entitled “Production Characterization and Utilization of Fuel Oil Derived from Waste Windshield” sanctioned with Rs. 20 Lakhs by VGST for 2018-19. Principal Investigator: Dr. Shivanand Y. A.

STUDENT CORNER:

- Final year student project funded by KSCST for Rs. 7,000.00 titled “Studies on air quality assessment and source apportionment studies in Hubli-Dharwad City” under the guidance of Dr. Keshava Joshi and Dr. Lokeshwari N (Students: Namarata, Aishwarya Lakshmi and Manoj) was selected and presented for the KSCST seminar/ Exhibition held at KLE Society Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi on 26th and 27th July 2019.
- Final year student project funded by KSCST for Rs. 7,000.00 titled “Electrical and Gas Sensing Studies of Polymer Nanocomposites” under the guidance of Dr. Rashmi S. H (Students: Shrinidhi P, Akshata Neregal & Farhat I K) was selected and presented for the KSCST

seminar/ Exhibition held at KLE Society Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi on 26th and 27th July 2019.

- Final year student project funded by KSCST for Rs. 7,500.00 titled "Moropological analysis and Biodiesel from Microalgae (MA & BM)" under the guidance of Prof. S.S. Inamdar (Students: Abhishek N, Laxman A U & Akash M) was selected and presented for the KSCST seminar/ Exhibition held at KLE Society Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi on 26th and 27th July 2019.
- National Level Technical Symposium INSIGNA-2019 3rd Prize. The Title of the Event: “Paper presentation on “Production of fuel oil from waste wind shield”. Student Mr. Sanjay S. Nagar, on 20.03.2019 at KLE Dr. M.S. Sheshgiri College of Engineering and Technology Belagavi.
- Final Year Project “Recycling of Disposable Cups into Paper Plastic Composites (PPC)” received Third Prize at College Level Project Exhibition under the guidance of Dr. Shivanand Y. A. Student Team: Nimit S N, Vinayak S S, Sanjay S.

INDUSTRY VISIT:

- Faculty of Chemical Engg visited MCF, Mangalore, JBF, Prakruti Product Limited & Sequest India Ltd., for inviting HR person to college campus for placement.
- IV sem students visited Sewage treatment plant, Desphande foundation, Hubli on 4th May 2019.

