



**KLE DR. M S SHESHGIRI
COLLEGE OF ENGINEERING AND TECHNOLOGY
UDYAMBAG, BELAGAVI – 590 008.**



DEPARTMENT OF CHEMICAL ENGINEERING

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**+PROFORMA FOR MANDATORY DISCLOSURE OF INFORMATION
ABOUT ACCREDITED PROGRAMMES BY INSTITUTIONS TO BE INCLUDED
IN THEIR RESPECTIVE INFORMATION BROCHURE, DISPLAYED ON THEIR
WEBSITE AND TO BE SUBMITTED TO NBA EVERY YEAR WELL BEFORE THE
ADMISSION PROCESS**

The following information is to be published in the Information Brochure besides being hosted on the Institution's official Website as fixed content.

Name of the Programme : B.E. Chemical Engineering

Approved Intake : 30+30+30

Fees charged (per annum) in Rs. : Category-I : 50,500.00
Category-II : 1,10,000.00

Pass percentage during the last 5 years : Annexure - I

Teacher Student Ratio : 1: 15

No. of Faculty Members : 6

Cadre	Number
Professor	: 01
Associate. Professor	: 05
Asst. Professor	: 00

No. of Faculty allocated to 1st Year : Nil

Faculty Profile

Qualification	No. of Faculty
Ph.D	: 03
Post Graduate	: 03
Under Graduate	: 00

Experience of Faculty

Number of Faculty with	
Less than 5 years	: 00
5 to 10 years	: 00
More than 10 years	: 06

Details of individual faculty members : Annexure-II
Name, Photograph, Date of Birth,
Qualifications, Professional Experience,
Research Interests

Industrial Consultancy, Research and Development (during the past 5 years):

Amount of Industrial Consultancy earned (in lakhs of Rupees)	:	Nil
No. of sponsored research projects completed	:	Nil
No. of patents produced	:	Nil
No. of sponsored research projects in progress	:	01
No. of papers published in International journals	:	33
No. of papers published in National journals	:	03
No. of papers presented in International Conferences / Seminars	:	07
No. of papers presented in National Conferences / Seminars	:	07
No. of International Conferences conducted	:	Nil
No. of National Conferences conducted	:	02
No. of Training Programmes / Short Term Courses conducted	:	01

Placement Record for the previous year

No. of Companies who visited the Campus	:	30
Names and Details of companies who visited the campus along with No. of Students placed	:	Annexure-III
No. of Students placed through campus recruitment	:	24
Maximum salary drawn (in Rs.)	:	3,50,000.00
Average salary drawn (in Rs.)	:	2,50,480.00

Budget Allocation for the Programme (in Rs.)

Recurring	:	100000.00
Non Recurring	:	500000.00
	:	

New initiatives and future vision, if any : Annexure-IV

DETAILS OF LABORATORIES

S. No.	Name of Laboratory	Carpet Area (Sq.mt)	Major Equipments
1	Momentum Transfer Lab.	100.19 m ²	Flow through Packed Bed Flow through Spiral Coil
2	Mechanical Operations Lab.	66.00 m ²	Plate & Frame Filter Press Leaf Filter Air Permeability Test Air Elutriator Cyclone Separator Rotap Sieve Shaker Gyratory Seive Shaker Jaw Crusher Ball Mill Blaines Air Permeability Sieves with Lid & Pan Digital Tachometer
3	Pollution Control & Instrumental Analysis Lab.	76.84.m ²	Gas Chromatography Hot Air Oven Conductivity Meter Turbidity Meter DO Meter Water Distillation Still Lab Hot Plate 30x45 cm Lab Hot Plate 45x60 cm Water Bath with 6 holes Flame Photometer Digital pH Meter
4	Heat Transfer Lab.	107.62m ²	H T in natural Convection in bare tube H T in natural Convection in Finned tube Vertical Condenser Horizontal Condenser Emissivity Apparatus Packed Bed Heat Transfer Surface Evaporator Model : Shell & Tube Heat Exchanger
5	Chemical Reaction Engineering Lab.	76.84.m ²	Batch Reactor Plug Flow Reactor RTD Studies in CSTR RTD Studies in CSTR in Parallel Flow Semi Batch Reactor Weighing Balance Packed Bed Reactor Isothermal Continuously stirred tank reactor Isothermal Plug flow reactor or tubular reactor

			Adiabatic batch reactor
			UV Photo reactor
6	Mass Transfer Lab.	107.62 m ²	Liquid Liquid Extraction
			Packed Bed Absorption
			Bubble Cap Distillation
			Simple Distillation
			Steam Distillation
			Vapor Liquid Equilibrium setup
			Steam Distillation Set up
			Tray Drier
			Solid Dissolution
7	Process Control Lab.	93.10 m ²	Magnetic Stirrer with Heater
			Pressure Control Trainer
			Liquid Level Trainer
			I Order & II Order System
			Temperature Control Trainer
			Interacting & Non Interacting system
			Control Valve Characteristics
8	Computer Applications and Simulation Lab.	93.10 m ²	IBM -Lenovo Computers - 10 Nos.
			HP Laser Printer
			Scanner (Cannon)





Computer Facilities for the existing Programme (S)

Sl No.	Particulars	Requirements as per Norms (1:4 all undergraduate UG Programmes and 1:2 for MBA/MCA/PGDM/PGDBM)		Availability
		Application	System	
1	No. of Computer terminals	1:4.5		20
2	No. of terminals of LAN/WAN	--		10
3	Relevant Legal Software	Application	System	Legal Software CHEMCAD Suite v 5.5.1
4	Peripherals / Printers	--		Dot Matrix Printer, Scanner and Laser Printer.
5	Internet Accessibility (in kbps & hrs)	--		10 Systems are connected with internet with LAN Connection (10 Mbps Internet Connection by BSNL)

Annexure – I**DETAILS OF THE RESULTS OF THE LAST 5 YEARS**

	Jan / 2012	III	85.71		July /2012	IV	80.95
		V	90.00			VI	90.00
		VII	96.00			VIII	100.00
	Jan / 2013	III	94.12		July /2013	IV	76.17
		V	100.00			VI	95.24
		VII	100.00			VIII	100.00
	Jan / 2014	III	78.26		July /2014	IV	78.13
		V	87.50			VI	90.91
		VII	100.00			VIII	100.00
	Jan / 2015	III	88.00		July / 2015	IV	92.00
		V	100.00			VI	96.88
		VII	85.71			VIII	100.00
	Jan / 2016	III	95.83		July / 2016	IV	91.67
		V	92.00			VI	88.00
		VII	100.00			VIII	100.00

Annexure-II

<u>FACULTY-PROFILE</u>		
Name	: Dr. Umesh B. Deshannavar	
Date of Birth	: 20-07-1977	
Highest Qualifications	: M.Tech, Ph.D.	
Professional Experience	: 16 Years	
Research Interests	: Heat Exchanger Fouling, Environmental Engg.	
<u>FACULTY-PROFILE</u>		
Name	: P G Hegde	
Date of Birth	: 29-12-1967	
Highest Qualifications	: M. Tech.	
Professional Experience	: 26 Years	
Research Interests	: Computer Modeling & Simulation	
<u>FACULTY-PROFILE</u>		
Name	: S N Hosamane	
Date of Birth	: 28-04-1974	
Highest Qualifications	: M. E.	
Professional Experience	: 19 Years	
Research Interests	: Reaction Engineering	
<u>FACULTY-PROFILE</u>		
Name	: Dr. Nandini M Naik	
Date of Birth	: 18-01-1973	
Highest Qualifications	: M. E.	
Professional Experience	: 19 Years	
Research Interests	: Environment Engineering	
<u>FACULTY-PROFILE</u>		
Name	: S A Kadapure	
Date of Birth	: 29-07-1978	
Highest Qualifications	: M. Tech.	
Professional Experience	: 15 Years	
Research Interests	: Bio Remediation	
<u>FACULTY-PROFILE</u>		
Name	: Dr. Ratnamala .G. Mavinkattimath	
Date of Birth	: 23-06-1978	
Highest Qualifications	: M.Tech, Ph.D	
Professional Experience	: 15 Years	
Research Interests	: Reaction Kinetics, Design	



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Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi,
Recognized under the Section 2(f) of UGC Act 1956, ISO 9001-2008 Certified

PLACEMENTS - 2017

Sl. No.	Company	No. of Students Placed	Package Offered (Rs. in Lacs)
1	Bharat Electronics Ltd	5	800000
2	Tata Consultancy Services	176	334000
3	KPIT	56	320000
4	Quest Global	04	400000
5	Mercedes Benz	06	500000
6	IOAGPL-(Adani)	02	410000
7	Triveni Turbines	01	450000
8	Seventh Sense	02	500000
9	Alphanine Marine	128	220000
10	Thoughtfocus	03	350000
11	Principal Global Services	08	550000
12	Trainz	04	360000
13	Global Edge	06	300000
14	Tech Mahindra	29	325000
15	Crimpsion Logic	02	375000
16	Allgo Embedded Systems	02	515000
17	Continental	07	380000
18	Ethnus	11	250000
19	Jaro Education	01	600000
20	Airtel	01	360000
21	Just Dial	08	250000
22	Metro Services	04	250000
23	QSpiders	08	220000
24	Amazon	09	220000
25	Portea Medicals (Health Mantra)	07	330000
26	ICICI Prudential	12	220000
27	Karvy Finance	1	250000
28	Amazon	2	294000
29	Accord Software	1	300000
30	Navya Labs	8	200000
TOTAL		514	

➤ **Total Number of students eligible** : 532

➤ **Total Number of students placed** : 514

VISION MISSION OF THE DEPARTMENT

Vision:

To be a department of excellence in education and research meeting the requirements of industry and society.

Mission:

1. To create graduates with sound knowledge in theoretical and applied aspects of Chemical Engineering.
2. To prepare graduates for professional practice and higher studies in core and multidisciplinary areas as through seminars and projects.
3. To achieve excellence in academics and research through quality education and student support systems.
4. Foster industry-institute relationship to bridge the gap between theory and practice.
5. To facilitate employability and entrepreneurship through holistic education and alumni network.