



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



**DEPARTMENT OF CHEMICAL ENGINEERING**

Ph. No. (0831)-2440322  
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Date: 16<sup>th</sup> June, 2014

**+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 : 33,000.00  
Category-II : 75,000.00

**Pass percentage during the last 5 years** : Annexure - I

**Teacher Student Ratio** : 1: 18

**No. of Faculty Members** : 5

<b>Cadre</b>	<b>Number</b>
Professor	: 01
Associate. Professor	: 03
Asst. Professor	: 01

**No. of Faculty allocated to 1<sup>st</sup> Year** : Nil

**Faculty Profile** :

<b>Qualification</b>	<b>No. of Faculty</b>
Ph.D.	: 01
Post Graduate	: 04
Under Graduate	: 00

**Experience of Faculty** :

<b>Number of Faculty with</b>	
Less than 5 years	: 00
5 to 10 years	: 00
More than 10 years	: 05

**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	:	-Nil-
No. of papers published in International journals	:	08
No. of papers published in National journals	:	01
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	:	-Nil-
No. of Training Programmes / Short Term Courses conducted	:	01

**Placement Record for the previous year :**

No. of Companies who visited the Campus	:	50
Names and Details of companies who visited the campus along with No. of Students placed	:	Annexure-III
No. of Students placed through campus recruitment	:	20
Maximum salary drawn (in Rs.)	:	5,50,020.00
Average salary drawn (in Rs.)	:	2,50,480.00

**Budget Allocation for the Programme (in Rs.) :**

<b>Recurring</b>	:	1, 00,000.00
<b>Non Recurring</b>	:	5, 00,000.00

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

**Note: Suppression and/or misrepresentation of information would attract appropriate penal action.**

**K.L.E.S**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY, UDYAMBAG, BELGAUM**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**Details of laboratories & Workshop**

SI No.	Name of the Course	Name of the Laboratory / Workshop	Total Area of Lab / Workshop	Major Equipment
1.	Chemical Engineering	Mechanical Operations Lab.	69.54 Sq m.	1) Sieve Shakers 2) Jaw Crusher 3) Ball Mill 4) Air Permeability 5) Plate & Filter Press 6) Leaf Filter 7) Oven 8) Weighing Balance 9) Digital Tachometer 10) Air Elutriator 11) Cyclone Separator
		Reaction Engineering & Instrumental Analysis Lab	90.65 Sq m.	1) Batch reactor 2) Plug Flow reactor 3) RTD in CSTR 4) Gas Chromatography 5) Spectrophotometer 6) Flame Photometer 7) Hot Plates 8) Packed Bed Reactor
		Mass Transfer & Heat Transfer Lab	133.58 Sq m.	1) Bubble Cap Distillation 2) Liquid – liquid Extraction 3) Heat transfer in Packed Bed 4) Vertical Condenser 5) Simple Distillation 6) Steam Distillation 7) Vapor :Liquid Equilibrium Set up
		Computer Simulation & Process Control Lab	90.65 Sq m	1) CAMCAD Software 2) Computer Level Control 3) Temperature Control Trainer 4) Interacting & Non Interacting system 5) Valve Characteristics 6) Flapper Nozzle

**Computer Facilities for the existing Programme (S)**

<b>SI No.</b>	<b>Particulars</b>	<b>Requirements as per Norms (1:4 all undergraduate UG Programmes and 1:2 for MBA/MCA/PGDM/PGDBM)</b>		<b>Availability</b>
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)

Whether the computer facilities are suitable for the existing programmes? Yes

**Annexure – I**

**DETAILS OF THE RESULTS OF THE LAST 5 YEARS**

	Jan / 2009	III	68.00		July / 2009	IV	60.00
		V	71.43			VI	66.67
		VII	84.62			VIII	96.15
	Jan / 2010	III	50.00		July / 2010	IV	76.92
		V	70.83			VI	75.00
		VII	95.24			VIII	95.45
	Jan / 2011	III	60.00		July /2011	IV	83.33
		V	83.33			VI	83.33
		VII	95.83			VIII	83.33
	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				
		V	87.50				
		VII	100.00				

**Annexure-II  
BIO-DATA**

1. Name : Prasad G Hegde  
 2. Date of birth : 29-12-1967  
 3. Designation : Associate .Professor & Head  
 4. Degrees obtained : M.Tech.



University	Degree	Year	Field of Specialization
Kakatiya Univ. (REC-Warangal)	M.Tech.	1992	Comp Appl in Chem Engg
Karnatak University Dharwad	B.E	1990	Chem Engg.

6. Employment record (starting from present position)

University/College	Designation	Period
K.L.E. Society's College of Engg & Tech Belgaum	Assoc. Prof. & Head	1 <sup>st</sup> Aug 2012 – till date
	Asst Prof & Head	Aug 1 <sup>st</sup> 2005 to 31 <sup>st</sup> July 2012
	Sr Lecturer	2004 to 2005
	Lecturer	1997 to 2004

7. Other related experience-research, industrial etc.

Organization/Employer	Designation	Period
D E S, Dandeli Bangurnagar Degree College, Dandeli	Lecturer	1992 – 1997

8. Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
2005	KSCST	Ethanol from Banana Peel	5,000/-

9. Publications:

Paper published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
-----	06	-----	-----

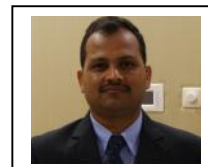
10. Fellowship of Academic bodies and Professional Societies: --- Nil ---  
 11. Membership of Scientific and Professional Societies ISTE, ILA  
 12. Honours and Awards: ---Nil---  
 13. No. of Ph.D., M.Phil, M.Tech. guided: --Nil--  
 14. List of Conferences, Short –term Courses etc. organized/ participated in during the past five years.

- Workshop on Teaching Methodology for the subject Computer Aided Process Equipment Drawing on 29 to 31<sup>st</sup> July 2011
- Presented papers at National level conference on environment and safety. "ENVISAFE 08" on 12<sup>th</sup> & 13<sup>th</sup> January 2008, Organised by the department of Environmental Engineering KIT'S College of Engineering and Technology, Kolhapur, Maharashtra.
- 15 days Workshop on Software Engineering at iiit-B
- 02 Days Workshop on Intellectual Property Rights at BVBCET, Hubli
- 07 days AICTE Sponsored Workshop on Total Quality Management at IMER, Belgaum
- 02 Days Workshop on ISO at Karnataka Sugar Institute, Belgaum.

**I declare that, I have been appointed and working exclusively for the AICTE approved programme in the institution.**

## BIO-DATA

1. Name : Dr. Umesh B. Deshannavar  
 2. Date of birth : 20-07-1977  
 3. Designation : Professor  
 4. Degrees obtained : M.Tech., Ph.D



University	Degree	Year	Field of Specialization
Universiti Teknologi PETRONAS	Ph.D.	2011	Chemical Engineering
Visveswaraya Technological University Belgaum	M.Tech	2002	Energy Systems Engg.
Karnataka University Dharwad	B.E	1999	Chemical

6. Employment record (starting from present position)

University/College	Designation	Period
K.L.E. Society's College of Engg & Tech Belgaum	Professor	1 <sup>st</sup> February 2013 to till date
	Associate. Professor	1 <sup>st</sup> November 2011 to 31 <sup>st</sup> Jan 2013
	Assistant. Professor	28 <sup>th</sup> Jan 2011 to 31 <sup>st</sup> Oct 2011
	Lecturer	September 2002 to 27 <sup>th</sup> January 2011

7. Other related experience-research, industrial etc.

Organization/Employer	Designation	Period
Universiti Teknologi PETRONAS	Research Officer	2008 to 2009

8. Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
----	-----	-----	-----

9. Publications:

Paper published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
06	05	-----	-----

10. Fellowship of Academic bodies and Professional Societies: --- Nil ---

11. Membership of Scientific and Professional Societies: ISTE, ILA

12. Honours and Awards: --- Nil ---

13. No. of Ph.D., M.Phil, M.Tech. guided: --- Nil ---

14. List of Conferences, Short –term Courses etc. organized/ participated in during the past five years

- Attended on day a national level workshop on Research opportunities in Biofuels at VTU Belgaum on 19<sup>th</sup> February 2013
- Participated in two day ISTE WORKSHOP on “Aakash for Education” Conducted by Indian Institute of Technology Bombay on 10<sup>th</sup> & 11<sup>th</sup> November 2012
- International Conference on “Cleaner Technologies & Environmental management “at Pondicherry Engineering College, Pondicherry on 4-6 January 2007
- Workshop on Risk management & Safety, at SDMCET, Dharwad
- Embedded Systems & Energy management, 25<sup>th</sup> & 26<sup>th</sup> March 2006 at KLESCET Belgaum
- State level Work shop on Design & Engineering of Piping System 29<sup>th</sup> Sept. 2005 at MVJ Bangalore
- Technical Conference on the theme Vision building for Indian paper Industry, 20<sup>th</sup> & 21<sup>st</sup> Feb. 2004 at Bangurnagar Arts, Science, Commerce College Dandeli

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## BIO-DATA



1. Name : Nandini M. Naik  
 2. Date of birth : 18-01-1973  
 3. Designation : Associate Professor  
 4. Degrees obtained : M.E.(Chemical)

University	Degree	Year	Field of Specialization
Shivaji University Kolhapur	M.E	2005	Chemical
Bangalore University Bangalore	B.E.	1997	Chemical

6. Employment record (starting from present position)

University/College	Designation	Period
K.L.E. Society's College of Engg & Tech Belgaum	Associate Professor	1 <sup>st</sup> February 2013 to till date
	Assistant Professor	1 <sup>st</sup> November 2011 to 31 <sup>st</sup> Jan 2013
	Senior Lecturer	Since 01 <sup>st</sup> July, 2009 to 31 <sup>st</sup> Oct 2011
	Lecturer	December 1999 to 30 <sup>th</sup> June 2009

7. Other related experience-research, industrial etc.

Organization/Employer	Designation	Period
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8. Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
2001	KSCST	Composting Using Sugar Effluents	5000 = 00
2006	KSCST	Wealth From waste Plastic	5000 = 00
2007	KSCST	Production of Biodiesel from waste oil	3000 = 00
2008	KSCST	Hospital Waste Management	4500 = 00
2011	KSCST	Environmental effect of petroleum waste on concrete	4000 = 00

9. Publications:

Paper published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
02	-----	-----	-----

10. Fellowship of Academic bodies and Professional Societies: --- Nil ---

11. Membership of Scientific and Professional Societies Member ---Nil---

12. Honours and Awards: --- Nil ---

13. No. of Ph.D., M.Phil, M.Tech. guided: -- Nil --

14. List of Conferences, Short –term Courses etc. organized/ participated in during the past five years.

- Participated in two day ISTE WORKSHOP on “Aakash for Education” Conducted by Indian Institute of Technology Bombay on 10<sup>th</sup> & 11<sup>th</sup> November 2012
- Workshop on Sci Lab 21 to 23 December at KLESCET, Belgaum
- National workshop on Energy Sustenance towards a Better Environment held at S.D.M.C.E.T. Dharwad on 25th Sept 2009.
- Attended two days National conference on “Fly ash Utilization Avenues in Civil Engineering” held at KLECET, Belgium on 9th and 10th March 2007.
- Embedded Systems & Energy management 25th & 26th March 2006 at KLESCET Belgaum
- State level Work shop on Design & Engineering of Piping System 29th Sept. 2005 at MVJ Bangalore
- Organized INDEX – 2002 A National Level Paper Presentation.

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**BIO-DATA**

1. Name : Santosh A Kadapure  
 2. Date of birth : 29-07-1978  
 3. Designation : Associate Professor  
 4. Degrees obtained : M.Tech.



University	Degree	Year	Field of Specialization
NITK Suratkal	M.Tech	2003	Industrial Pollution Control
Karnataka University Dharwad	B.E	2000	Chemical

## 6. Employment record (starting from present position)

University/College	Designation	Period
K.L.E. Society's College of Engg & Tech Belgaum	Associate Professor	1 <sup>st</sup> May 2014 to till date
	Assistant Professor	1 <sup>st</sup> November 2011 to 30 <sup>th</sup> April 2014
	Senior Lecturer	1 <sup>st</sup> Oct 2009 to till 31 <sup>st</sup> Oct 2011
	Lecturer	2003 September to 30 <sup>th</sup> Nov 2009

## 7. Other related experience-research, industrial etc.

Organization/Employer	Designation	Period
---Nil---	---Nil---	---Nil--

## 8. Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
2012	KSCST	Extraction of Pectin from apple pomace	3500 = 00
2011	KSCST	Removal of heavy metals by adsorption using Butea Monosperma	3500 = 00

## 9. Publications:

Paper published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
02	01	-----	-----

10. Fellowship of Academic bodies and Professional Societies: --- Nil ---

11. Membership of Scientific and Professional Societies: --- Nil ---

12. Honours and Awards: --- Nil ---

13. No. of Ph.D., M.Phil, M.Tech. guided: --- Nil ---

14. List of Conferences, Short –term Courses etc. organized/ participated in during the past five years.

- Workshop on Sci Lab 21 to 23 December at KLESCET, Belgaum
- Workshop on Risk management & Safety at SDMCET, Dharwad
- Embedded Systems & Energy management, 25<sup>th</sup> & 26<sup>th</sup> March 2006 at KLESCET Belgaum
- Workshop on BioTransformation & Kinetics, 23<sup>rd</sup> Aug 2004, at MVJ Bangalore
- Workshop on Thermodynamics, 20<sup>th</sup> & 21<sup>st</sup> Feb. 2004 at BIET Davanagere

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**BIO-DATA**

1. Name : Ratnamala .G. Mavinkattimath  
 2. Date of birth : 23-06-1978  
 3. Designation : Assistant Professor.  
 4. Degrees obtained : M.Tech (Chemical Plant Design)



University	Degree	Year	Field of Specialization
NITK Surthkal	M.Tech	2003	Chemical
K U D Dharwad	B.E	2000	Chemical

## 6. Employment record (starting from present position)

University/College	Designation	Period
K.L.E. Society's College of Engg & Tech Belgaum	Assistant Professor	1 <sup>st</sup> November 2011 to till date
	Senior Lecturer	1 <sup>st</sup> October 2009 to 31 <sup>st</sup> October 2011
	Lecturer	22 <sup>nd</sup> August 2005 to 30 <sup>th</sup> September 2011

## 7. Other related experience-research, industrial etc.

Organization/Employer	Designation	Period
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## 8. Consultancy and Sponsored Research activities:

Year	Organization	Project Title	Amount received
2013	KSCST	Optimization Studies for removal of phenol from synthetic and waste water using activated sawdust using factorial Design (Kinetics and isotherm studies)	3000.00
2012	KSCST	Optimization and Kinetics studies of Chromium degradation by Pseudomonas Putida	4000.00

## 9. Publications:

Paper published in Refereed Journals	Papers presented in Conferences	Review Papers	Books
03	01	-----	-----

10. Fellowship of Academic bodies and Professional Societies: --- Nil ---

11. Membership of Scientific and Professional Societies: --- ISTE ---






12. Honours and Awards: --- Nil ---

13. No. of Ph.D., M.Phil, M.Tech. guided: -- Nil --

14. List of Conferences, Short term Courses etc. organized/ participated in during the past 5 years.

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## Annexure-II

<p style="text-align: center;"><u>FACULTY-PROFILE</u></p> <p>Name : P G Hegde Date of Birth : 29-12-1967 Highest Qualifications : M. Tech. Professional Experience : 22 Years Research Interests : Computer Modeling &amp; Simulation</p>	
<p style="text-align: center;"><u>FACULTY-PROFILE</u></p> <p>Name : Dr. Umesh B. Deshannavar Date of Birth : 20-07-1977 Highest Qualifications : M.Tech, Ph.D. Professional Experience : 12 Years Research Interests : Heat Exchanger Fouling, Environmental Engg.</p>	
<p style="text-align: center;"><u>FACULTY-PROFILE</u></p> <p>Name : Nandini M Naik Date of Birth : 18-01-1973 Highest Qualifications : M. E. Professional Experience : 15 Years Research Interests : Environment Engineering</p>	
<p style="text-align: center;"><u>FACULTY-PROFILE</u></p> <p>Name : S A Kadapure Date of Birth : 29-07-1978 Highest Qualifications : M. Tech. Professional Experience : 11 Years Research Interests : Bio Remediation</p>	
<p style="text-align: center;"><u>FACULTY-PROFILE</u></p> <p>Name : Ratnamala .G. Mavinkattimath Date of Birth : 23-06-1978 Highest Qualifications : M. Tech. Professional Experience : 11 Years Research Interests :Reaction Kinetics, Design</p>	

**TRAINING & PLACEMENT CELL (2012-13)**

<b>Sl. No.</b>	<b>Name of the Company</b>	<b>No. Offers Made</b>
1	Tata Consultancy Services	100
2	HCL Technologies	28
3	Reliance Money	8
4	Dynamatic Hydraulics	7
5	St. Jude Medical India Pvt. Ltd.	5
6	L & T Construction	6
7	Persistent Systems	4
8	Skaray Healthcare	4
9	Zuari Agro	3
10	Global Edge Software	2
11	Taj Hotels	2
12	Delphi Automation Systems	1
13	RMZ Corporation	2
14	Path Partner	2
15	Kirloskar Punematic	2
16	Kirloskar Brothers	2
17	Henkel Adhesive	1
18	Sankalp Semiconductor	1
19	Dalmia Cement	1
20	Others	221
	<b>Total</b>	<b>402</b>

**VISION:**

To be an organization of excellence, leveraging human potential in Engineering and Management for a better tomorrow.

**MISSION:**

- To nurture scientific temperament through the process of intellectual stimulation.
- To inculcate a sense of lifelong learning.
- To excel in academic and research endeavors.
- To collaborate with institutions and industries for excellence.
- To facilitate employability and entrepreneurial ability with social responsibility.