

Resume

1. Name of the Applicant: H.S. Usha
 2. Date of Birth: 09/12/1968 Age : 43 Years
 3. Permanent Address: #42/2, east Anjaneya Temple Road,
Basavanagudi, Bangalore – 560004
 - Phone: Landline: 080-26670066
Mobile: 9448492066
 4. Date of Joining BMSCE: 01/08/2007
 5. Qualification at the time of joining M.E.
 6. Designation at the time of joining Lecturer
 7. Department Chemical Engineering
 8. Current Position Assistant Professor
 9. Current Qualification M.E. (Pursuing Ph.D)
- Work Experience:
1. Work as design Engineer at M/s Karthik Consultants , who are consultants for food processing, herbal and aromatic extraction plants, for 7 years from August 1990 to July 1997.
- Nature of work at M/s Karthik Consultants:
- Preparation of financial reports for funding organizations, design of chemical process

equipment like extractors, evaporators, spray driers, heat exchangers, condensers and small distillation units and supervise fabrication, erection and commissioning.

2. Worked at M.V.J. College of Engineering as Lecturer at the department of Chemical Engineering Department for 7 years and 6 months (December 1999 to 31st July 2007)

10. Special Skills/Training Acquired/Refresher courses attended during the current position till this date

Sl. No.	Details	Number of Weeks	Outcome
1	Technological Advances in Chromatography and Environmental Analysis	One Day	Get to know more about the latest advances in chromatography
2	Green Chemistry and Environment	3 Days	Insight into green Chemistry
3	Research Methodologies and latex	2 Days	Modes of literature survey and use of latex
4	Instructional Design and Delivery systems	1 Week	Teaching Methodologies
5	Faculty Development Programme	1 Week	Teaching Methodologies
6	Novel Separation Techniques	One Day	Membrane separations
7	Filtration Techniques	One Day	Different Equipment used in industries
8	Chemical Engineering Thermodynamics	5 Days	Familiarity in the subject
9	Designing and Engineering of Piping Systems	1 day	Pipings used in petroleum refineries
10	Environmental Pollution and Awareness	One day	Pollutants, its sources and abatement
11	Syllabus framing for the subject Bioprocess Principles and calculations	2 Days	-
	Quality improvement Programme	One Week	Principles of learning and student psychology
	Workshop on the subject Momentum Transfer	Two Days	Familiarity in the subject

	Faculty Development Workshop	One Week	Teaching Orientation
15	Trends in Bioinformatics	One Week	More about bioinformatics

11. Self Assessment Report

- I take pleasure in stating that with my 13 years of teaching experience and 6 years of **Industrial Experience**, I have accrued satisfactory knowledge in both theory and application of chemical engineering subjects which I am able to impart to students with sound confidence. This is adjudged by the students' feedback. It is my constant endeavour to be just to my profession and institution by being sincere, punctual and ethical.
- Work assigned is completed with utmost **promptness**.
- I am pursuing my research in the area of "Separation Processes" under the guidance of Dr. Samita Maitra, Professor and Head, Department of Chemical Engineering, BMSCE.
- I have also published a paper in an International Journal and conference.
- I have also arranged **Guest Lectures** and **Industrial Trips**. This will enhance our theoretical knowledge at the same time also give a practical understanding to students.

12. Self Assessment report on support to administration and in Participation of development activities of the college

I actively take part in semester end examination as one of the members of Board of Examinations (**BoE**).

I have also worked as **Feedback Co-ordinator** of the Department.

I have also actively taken part in conduction of the Annual Departmental Techno – Cultural Fest- **Confluence**

Any work concerning to the development activities of the college is eagerly awaited. The activities aimed at is mentioned in the item 13.

