

BIODATA

- (i) Name : Mr. Ashwani Kumar Rathore
- (ii) Designation : Assistant Professor
- (iii) Date of Birth : June 01, 1975
- (iv) Education and Experience : M.Tech (Chemical Engineering)
: 16 yrs



- (a) Academic Qualifications
(begin with bachelor degree)

Degree	University	Subjects(s)	Year
B. Tech.	{ GEC Raipur (Presently NIT Raipur) } RSS Raipur	Chemical Engineering	1997
M. Tech.	H.B.T.I., Kanpur. (Kanpur Univ., Kanpur)	Chemical Engineering	1999
Ph. D.	MANIT Bhopal	Chemical Engineering	(In Progress)

- (b) Other research training and experience especially establishing research qualification in area covered by this application including previous and present position.

Institution/Univ.	Topic of work done	Year
HBTI, Kanpur	Teaching & Research	Assistant Professor Grade 8000 (2013 – till date) Assistant Professor Grade 7000 (2008 – 2013) Assistant Professor Grade 6000 (2006 – 2008) Lecturer (2003 - 2006)
MITS Gwalior	Teaching & Research	Lecturer(2002-2003)
MIET Meerut	Teaching & Research	Lecturer(2000-2002)
IET Lucknow	Teaching & Research	Lecturer(2000)

- (v) Field of major scientific interest: Chemical Reaction Engineering
Membrane Separation Process
Liquid-Liquid Extraction

- (vi) Additional information (if any):

No. of M Tech/Ph D Guided : Awarded : 08; Ongoing : 02

No. of papers published : 03
(National and International)

No. of papers presented in : 05
National and international seminars
and conferences

No. of projects completed : 02

No. of workshops, short-courses: 17
FDP, etc

List of research publications in the last five years (2012-2017)

1. Extraction of turmeric oil by continuous water circulation, Avinash Chandra, SumitPrajapati, S K Garg, A. K. Rathore, International Journal of Scientific Engineering and Applied Science (IJSEAS)– Volume-2, Issue-2, February 2016(404-410)
2. Reactive extraction of itaconic acid using TBP in 1-butanol,1-octanol and 1-decanol, Sunderlal Pal , Diwaker Z Shende, ShahidaAnjum, A.K.Rathore, . International journal of innovative research in science, engineering and technologyVol. 5, Issue 2, Februray 2016(1425-33)
3. Microwave extraction of Ginger, Yadav Rahul, Tripathi Sandeep, PrajapatiSumit, and Rathore A.K,International Journal of Scientific Engineering and Applied Science (IJSEAS)Volume-2, Issue-6, June 2016(417-422).

Research papers presented / Published in National Conference (2011-2015) :

S. No.	Authors	Title of Papers	Name of the Conference	Name of Organizer	Presenting Author	Year of Publication
1.	AshwanikumarRathore, SumitPrajapati, Rahul Rajput, Bhakti vijayshukla, ankitgupta	Chemical composition and citral content of lemongrass oil extracted by microwave assisted hydro distillation	Green chemistry and engineering	VNIT Nagpur	SumitPrajapati	(march 22 2013)
2.	Rahul Rajput , SumitPrajapati , A.K Rathore,	Optimization of Parameters Using RSM For Reactive extraction of	SCHEMCON	MIT Pune	SumitPrajapati	(12-13 Sep. 2015)

		Propionic Acid from Aqueous Solution				
3.	ShafaliGoel , SumitPrajapati , A.K Rathore,	Reactive extraction of Phenol	SCHEMCON	MIT Pune	SumitPrajapati	(12-13 Sep. 2015)
4.	SurbhiDahiya, S K Gupta, A K Rathoreand Deepak Srivastava	A study on copolymerization of MMA and styrene in presence of Fullerene, using ylde as initiator	National Conference on "Advances in Chemistry for Sustainable Development (ACSD 2017)	Department of Chemistry and Department of Mechanical Engineering , HBTU, Kanpur	SurbhiDahiya	March 22-23, 2017.
5.	Mohd. Ghazi, S K Gupta, A K Rathoreand Deepak Srivastava	Phenol-cardanol-formaldehyde based epoxidizednovolac type resin : A study on cure characteristics	National Conference on "Advances in Chemistry for Sustainable Development (ACSD 2017)	Department of Chemistry and Department of Mechanical Engineering , HBTU, Kanpur	Mohd.Gazhi	March 22-23, 2017.