Title	**Prof.**	First Name	**A K**	Last Name	**Jaitly**	Photograph
Designation		**Professor and Head**				
Department		**Department of Plant Science**				
Address (Campus)		**MJP Rohilkhand University, Dori Lal Agarwal Marg, Pilibhit By Pass road, Bareilly-243006**				
(Residence)		**11, Saraswati Vihar, Suresh Sharma Nagar, Bareilly**				
Phone No (Campus)		**0581-2520162; 2521416**				
(Residence)optional		**0581-2526104**				
Mobile		**9412302526**				
Fax						
Email		**Jaitely_mjpru@yohoo.co.in**				
Web-Page						

Education M.Sc. Ph.D.

Subject	Institution	Year	Details
Botany	**Lucknow University**	**1978**	Thesis topic: Studies on wood-degrading and thermophilic fungi from mangrove swamps
			Subjects: Botany
			Subjects:

Career Profile

Organisation / Institution	Designation	Duration	Role
Directorate of Horticulture, New Delhi	**Sectional Officer**	**2 Ys and 10 M**	**Administrative**
MJP Rohilkhand University, Bareilly	**Lecturer, Reader, Professor**	**23 Years**	**Teaching and Research**

Research Interests / Specialization

Microbial Biotechnology

Teaching Experience (Subjects/Courses Taught)

Mycology and Plant Pathology 23 Yr
Micobiology and Immunology 23 Yr

Honors & Awards

Biotechnology National Associateship
Biotechnology Overseas Associate
UGC National Associate
Fellow of the Society for Plant Research

Publications (LAST FIVE YEARS)

Books / Monographs

Year of Publication	**Title**	**Publisher**	**Co-Author**
2003	**1.** Xylanase activity of some thermophilic fungi isolated from mangrove forest of Sunderban, West Bengal. In *Proceedings Biosciences*: ed. Prof V.P.Singh,	Neeraj Publisher, Bareilly pp 107-111.	Johri, K
2003	**2.** Effect of substrate concentration on the production of cellulases in a thermophilic fungus *Humicola* isolated from city waste of Bareilly. In *Proceedings Biosciences*: ed. Prof V.P.Singh,	Neeraj Publisher, Bareilly pp 129-135	Kumari, Santosh
	3. Fungi from city waste and their wood decaying		

		ability. In *Proceedings Biosciences*: ed. Prof V.P.Singh,	Neeraj Publisher,	Mehra, S.K.
2003	**4.**	Hypercellulolytic mutants of *Humicola grisea var. thermoidea* from Sunderban mangrove forest. *Frontiers in Plant Science ed by K.G.Mukerjee et al.*	Bareilly pp 165-175 *I.K.International Pvt Ltd. New Delhi pp 373-380.*	
2005				Johri, Kavita

In Indexed/ Peer Reviewed Journals

Year of Publication	**Title**	**Journal**	**Co-Author**

Articles

Conference Presentations

1. Johri, Kavita and Jaitly A.K. 2006. Cellulase profile and effect of carbon sources on production of cellulase in thermophilic fungi from mangrove forest Sunderban. *93rd Indian Science Congress 3-7 Jan, Hyderabad. Plant Science abs:* 56: 35
2. Santosh Kumari and Jaitly, A.K. 2006. Enhancement of cellulase production in thermophilic fungus *Humicola* isolated from city waste. 93rd Indian Science Congress 3-7 Jan, Hyderabad. *Plant Science abs: 18: 11.*
3. Himani Yadav and Jaitly, A.K. 2006. Xylanase activity of thermophilic fungi isolated from city waste, Bareilly. . 93rd Indian Science Congress 3-7 Jan, Hyderabad. *Cell Biology abs: 15: 12.*
4. Chandra Prabha and Jaitly A K. 2007. Analysis of waste water from different waste water systems of Bareilly and their effect on mycoflora. 94th Indian Science Congress 3-7 Jan, Annamalinagar, Chidambrum. *Plant Science abs: 07:5 .*
5. Santosh Kumari and Jaitly, A.K.2007 pH optima of a thermophilic fungus *Humicola* isolated from city waste. 94th Indian Science Congress 3-7 Jan, Annamalinagar, Chidambrum. *Plant Science abs: 30:21.*
6. Kavita Johri and Jaitly, A.K. 2007. Effect of different carbon sources on cellulase activity and saccharification of cellulosic waste by some thermophilic fungi from Sunderban mangrove forest. 94th Indian Science Congress 3-7 Jan, Annamalinagar, Chidambrum. *Plant Science abs: 31:21-22.*
7. Himani Yadav and Jaitly, A.K. 2007. Effect of temperature on the production of xylanase. 94th Indian Science Congress 3-7 Jan, Annamalinagar, Chidambrum. *Plant Science abs: 32:22-23.*
8. Akansha Mishra and Jaitly, A.K. 2007. Edible plant adjuncts possessing hypoglycemic activity as potential antidiabetic food suppliments. Presented 77th Symposium on "Noval approaches for food and Nutritional security" held on Dec 6-8, 2007, Organized by Central Food Technological Research Institute, Mysore.

Total Publication Profile optional

Books 06

In Indexed/ Peer Reviewed Journals

18

Articles

Conference Presentations

18

Public Service / University Service / Consulting Activity

State President Akhil Bhartiya Ghrak Panchyat
Many extracurricular activities in University

Professional Societies Memberships

1. Mycological Society of America
2. Trans. of Mycological Society of Japan
3. Life member of Indian Society of Plant Research
4. Life member of the Lucknow University Alumni Association
5. Life member of the Indian Science Congress Association

Projects (Major Grants / Collaborations)

Two :
One DST
One UGC

Other Details

1. Nine months training under Biotechnology National Associate-ship programme with ***Prof B.N. Johri, G.B.Pant University of Agri. & Technology, Pantnagar,***
2. Three months training under BT Overseas training programme with ***Prof. Kar L. Eriksson, Eminent Scholar of Biotechnology, University of Georgia, USA,***
3. One month Refresher course on Environmental Science at Department of Animal Science, Rohilkhand University, Bareilly,.
4. Five days training on working and maintenance of Atomic Absorption Spectrophotometer at **ECIL, Hyderabad**,