

Curriculum vitae

Name **Dr. Ajai Kumar Jaitly**
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Designation **Professor of Plant Science**

Present Status **Senior-most Professor at University Campus
With 17 years of service as Professor**

Present Address Department of Plant Science,
MJP Rohilkhand University,
Bareilly-243006 (U P), India

Permanent Address 11, Saraswati Vihar, Suresh Sharma Nagar,
Bareilly-243006, Uttar Pradesh, India

Date of Birth 22nd Oct 1958

Father's Name & Address: Late Dr. T.S. Jaitly,
474/55-A, Brahm Nagar, Sitapur Road
Near Daligang Railway Crossing, Lucknow

Qualification M.Sc., Ph.D., FSPR

Position held:

Post	Organization	Duration
Sectional Officer	Directorate of Horticulture, New Delhi	1982 – 1985

<i>Research Officer</i>	F R I & College, Coimbatore	1985 Not joined
<i>Lecturer</i>	MJP Rohilkhand University, Bareilly	1985-1995
<i>Reader</i>	MJP Rohilkhand University, Bareilly	1995- 2003.
<i>Professor</i>	MJP Rohilkhand University, Bareilly	2003 – contd. Up to 30.6.21
<i>Dean</i>	<i>Faculty of Applied Sci.,</i> MJP Rohilkhand University	2004 -2007
Head, Plant Science	MJP Rohilkhand University, Bareilly	2008-2011; 2014- 2017
Head, Microbiology	MJP Rohilkhand University, Bareilly	2017 – 2020
Dean Student Welfare (DSW)	MJP Rohilkhand University, Bareilly	2018 – 2020

Awards:	<p><i>1. Biotechnology National Associate</i></p> <p><i>2. Biotechnology Overseas training Award</i></p> <p><i>3. UGC National Associate ship</i></p> <p><i>4. Fellow of Society for Plant Research</i></p> <p>5. Prabudh Nagrik Award 2016 by then HRD State Minister Sri M N Pandey</p> <p>6. Vedvyas Award by Educational Society of Bareilly Of Khandelwal groups of Institution</p>
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Ph.D. awarded Ph.D. submitted Ph.D. enrolled	Sixteen one Four
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Members of different Bodies:

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
6. Convener & Member of the Board of Studies, subject Plant Science
7. Member of the BOS subject Industrial Microbiology
8. Member of Academic Council of University since 2003
9. Convener & Member of the Research Development Committee, Plant Science
10. Member of the Publication Committee of books on subject Botany by the Uttar Pradesh Hindi Sansthan 1990
11. Coordinator Computer Cell to declare the annual result of the University 1999 -2004
12. Member of the Health committee of the University to run the Health Center 2005
13. Member of the purchase committee of the University 2003-08
14. Member of the Animal Ethics Committee in the department of Pharmacy, IET, MJP Rohilkhand University 2006
15. Coordinator, Dental Science and Medical Sciences, MJP Rohilkhand University, Bareilly 2004-2007
16. Member and coordinator, diploma courses of the University 2012
17. Coordinator Horticulture Development committee of the University since 2008 to 2015
18. Editor to design and publish University Annual Report since 2012- 2017; 2019
19. Member of the committee to amend, incorporate and formulate the Statute of the University 2018-2019
20. Secretary Sports Council of the University 2009 to 2020

Training:

1. One-month orientation program at Academic Staff College, Lucknow, June 1-30, 1989
2. Nine months training under Biotechnology National Associate-ship program with *Prof B.N. Johri, G.B.Pant University of Agri. & Technology, Pantnagar*, March 23-Dec 22, 1991
3. Three months training under BT Overseas training program with *Prof. Kar L. Eriksson, Eminent Scholar of Biotechnology, University of Georgia, USA*, June 1-Aug 31, 1992
4. One-month Refresher course on Environmental Science at Department of Animal Science, Rohilkhand University, Bareilly, Nov. 07-27, 1994
5. Five days training on working and maintenance of Atomic Absorption Spectrophotometer at **ECIL, Hyderabad**, Dec. 26-30, 2001.

Sponsored Research Projects	Five
<ol style="list-style-type: none">1. <i>DST</i> Wood-inhabiting mycoflora from mangrove swamps-their ecology & role in biodegradation; 01 Lac;2. <i>UGC</i> Thermophilic and thermotolerant fungi: A study of their interaction and role in biodegradation; 0.80Lac+ JRF3. State Govt. U P Development of waste utilization	

technology and production of industrially important enzymes; 60 lac + 32 lac; under the scheme of Centre of Excellence; March 2009-2011

4. State Govt. U. P. Microbial Remediation of Heavy Metals from soil and water systems of Bareilly; 6.80 Lac. under the scheme of Centre of Excellence; 2015-2017

5. State Science and Technology: Production of Hyper-xylanase fungi through protoplast fusion and their role in waste management technology 10 lakh; 2017-2020

Publications	82 (Including 18 in International Journals)
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Experience

1. Research	41 years
2. Teaching	35 years
3. Administrative	11 years

Overseas Visit:

1. University of Windsor, Canada	1990: to attend a symposium; & visit Univ.
2. University of Georgia, USA	1992: to avail BT award
3. University of Leeds, UK	1993: to attend a symposium; & visit Univ.
4. Europe 10 countries	2012; Universities & factories visit

Seminar/Symposium/Conference/Workshop attended 28

Extracurricular Activity:

1. **Horticulture In-charge** in Rohilkhand University 1985-87; 2008 -2012
2. **Secretary Sports Council since 2008 to contd.**
3. Departmental Library In-charge from July 1985 to June 89.
4. Conduct **many Botanical Tours of the department**
5. Organize Cultural activities in the University
6. Took organizational role in various functions of the University like convocation etc.
7. Nominated as an expert of Botany in U.P. Hindi Sansthan Perished in 1990.
8. Organized conference, Symposium and workshops in the department
9. Conduct the work of **referee in reviewing research manuscripts** for Indian Botanical Society and Society for Plant Research.
10. **Warden Main Hostel**, Rohilkhand University,
11. Prepared proposal for BDS and Girls hostel of the University
12. Conducted various inquiries as Inquiry Officer in the University related with exam and discipline.
13. Prepared **computerized results of University Annual exam**
14. Organized a **Refresher course** on 'Recent Advances in Biosciences' as co-coordinator in the Department of Plant Science, from Sept. 7-21, 2001.
15. Working as In-charge of Central Equipment lab of the Department of Plant Science

16. Formulated the ordinance for the different diploma courses run by the University.
17. Worked as Judge of the Flower show, Science exhibition organized by the BBL Public School 2002.
18. Counseling the University Science students for the “**Career and the prospects from the UGC-CSIR NET Examination**”
19. Worked as **Coordinator, Affiliated Colleges**
20. Worked as **Coordinator campus networking**
21. **Dean** Applied Sciences since 2004-2007
22. Working as **Sports Secretary** M J P Rohilkhand University, Bareilly since Feb 2009 contd.
23. Coordinator of the **Computer purchase committee** of the University 2009
24. Coordinator building maintenance committee of the University 2009
25. President in Inauguration of **Art & Craft Exhibition & Sports Activities** organized by CSA Public School of Shau Ram Swaroop Dharmarth Trust Bareilly on 25th Jan 2010
26. Organized **North Zone Inter-university competitions** for ten successive years
27. Working as **Nodal Officer, University Data Centre**
28. University expert at NIC Lko., for B.Ed. Overall supervision of counselling 2011
29. University Coordinator web side designing for disabled persons 2014-15
30. Observer CBSE APIMT exams 2011, 2012, 2013, 2014

Achievements as Teacher of University

1. One of the pioneer teachers of the department of Plant Science in 1985 & University Campus to establish department.
2. First Research project of the University in 1986 by DST

3. First teacher of the University to get Award by Govt. of India, Dept of Biotechnology in 1989 “The Biotechnology National Award”
4. First teacher of the University to visit Canada in 1990 and presented research paper.
5. Second Research Project of the University in 1990 by UGC
6. Establish and run departmental library of the Plant Science in 1985 - 1990
7. Member of Hindi Sansthan Parishad U.P. Govt. for publication of Science books in Hindi.
8. Member of BOS, Academic Council, and Executive Council
9. Get BT Overseas Award in 1992 and Visited University of Georgia, USA for four months.
10. Get UGC National Associateship Award in 1996.
11. Contributed in evaluation, Result declaration, inquiry, convocation of the University.
12. For the First time develop LAN networking in all the department of the University and provided Internet with help of UGC and Inflibnet.
13. Published Annual report of the University successively in last Six years.

Achievements as Horticulture In-charge (1985 – 1989; 2006 –2010)

1. Develop central park, and other lawns of the University
2. Organized huge plantation at the University campus, Biological fencing across the boundary of the University

Achievements as Warden of the Main Hostel (1992–1996; 2002– contd.)

1. Made overall development of the hostel with respect of infrastructure for residents of hostel
2. Started Games with the resident of the hostel and participated in the Volleyball daily practice
3. Democratic constitution of different committees of the hostel like Mess committee, Common room committee, sports committee, cultural committee etc.
4. In 1992 organized six months training program for Quarantine of Paddy fields in Bareilly and made stay of 30 participants in the hostel
5. Got donation of 50 beds, 50 mattresses in the hostel during Quarantine training program.
6. Maintain good discipline among the residents of hostel so given responsibility as Chief Warden in 2016

Achievements as HOD Plant Science (2006-2009; 2012-2015)

1. Develop basic infrastructure for all teachers of the department uniformly
2. Organized a National Seminar On “environment & its Management” in 2009

3. Started two Memorial Lecture series One in name of Prof J. N Rai, Former V C & Scholar of Botany and other in name of Prof H S Srivastava, first Professor and HOD of the Dept of Plant Science.
4. Develop good Botanical garden of the department by acquiring 3 acres of land.
5. Develop one Virtual Classroom in the department and three others in the University by applying and receiving grant from UGC.
6. Develop departmental Library at large scale

Achievements as In-Charge Computer Cell (1998-2003)

1. Declared Annual Results of the University with help of computer software
2. Results of all the colleges for one course were declared in one day for the first time
3. Collation of marks were conducted both by computer and by original award list for the first time
4. In all the years results were declared in time (June of the year).
5. Two different charts were prepared by two different computer labs established in the University. No outside agency was involved, so save the money of the University
6. Networking of the computer lab was undertaken
7. Establish a computer Centre in the University

Achievements as Dean Faculty of Applied Science (2007 - 2010)

1. Establish Dean Office in the University for the first time and get working office
2. Established a pattern to sanction the casual leaves for all teachers of the Faculty & their records.
3. Applied for two New Courses in the Faculty 1. Department of Microbiology 2. Department of Biotechnology and got their approval from State Govt.
4. Applied for Building Grant from UGC and State Govt and designed the building for the departments.
5. Open New Course of M.Sc. in Microbiology and running it successfully
6. Develop all the research labs of the faculty by getting equipment grant and establishing the equipment in the labs of the departments of the Faculty.

Achievements as Secretary Sports Council (2009 – contd.)

1. All outstanding advances on sports officers of the different colleges has been got adjusted
2. Facilities to the players has been improved as:
 - a. DA of players was increased from 50 to 100 in 2010 and thereafter from 100 to 300 in 2015
 - b. Match allowance has been started to give to the players on match day
 - c. Travel concession from railway, coli charges, kit charges and a university track suit has been started to provide to the players

- d. Prize money to the medal winner at North Zone and All India has been increased for Gold Medal from 15000/- to 51000/-; for Silver Medal from 10000/- to 35000/- and for Bronze medal from 7500/- to 25000/- in order to encourage players. This is the highest amount given by any State University
 - e. AAPHERD test has been made compulsory along with skill for all players since last three years; initially it was at level of 60%, next year 70% and in present year it is at the level of 80% for all the players
 - f. Selection of the team is on open challenge basis
3. Facilities to the Coach, Experts and team Managers has been improved by providing them good stay, and Rs 1000/- honorarium for every game per day.
 4. A Very good sports complex has been established with our own saving both indoor and outdoor.
 5. National level TT hall, Boxing ring, Badminton, Volleyball and Basketball indoor hall has been established.
 6. An Electrical shooting range for pistol and rifle (10M) has been established.
 7. A Yoga hall with sports vinyl floor has been developed
 8. A physiotherapy center for sports injury has been established
 9. A very good Gym for students has been developed with all modern equipment
 10. Two open Gyms; open to all and open to sky, has been established for all persons including society who come for morning and evening walk in the University
 11. Recently an outdoor Synthetic Athletic Track has been construction in the sports ground, with sensors for recording timings of players
 12. Two Volleyball, two Lawn tennis and two Basketball outdoor courts has been constructed with a good pavilion
 13. Since last ten years we are organizing two North zone/ All India competition at the University campus by the trust of Association of Indian University (AIU) New Delhi
 14. Every year out 6 to 8 players are getting Medals at North Zone and All India level. Last year (2019) we gave a prize worth of 4.97 lakhs to our players
 15. In First “Khelo India” games in 2020 two players get Bronze medals in athletics

Achievements as Dean Student Welfare [DSW] (2018 – contd.)

1. A group of 12 Assistant DSW has been constructed with the responsibility of each ADSW for different teaching departments of the University to help students for filling of Scholarship forms.
2. A time schedule has been given to all.
3. An open Gym for Fit India has been established.
4. Poor boys fund has been established to provide help to students who's parent has an income between 2 lakh to 3 lakh per annum
5. Railway connection facilities has been started for students for educational tours, hometown visit and MST with the help of Indian Railways

6. Two hundred Smart boxes for the delivery of good for students, teachers and employee has been established by getting donation of smart box by a multinational company.
7. Successful distribution of Gold Medals to the topper of the students has been achieved during last two convocations (2018, 2019) of the University
8. A big digital display screen has been established to provide the information to the students
9. A website for the disabled students has been constructed
10. A concept of Gurukul classrooms has been developed

Social Works

1. **District President, AKHIL BHARATIYA GRAHAK PANCHAYAT, Bareilly; 1995-2006**
2. **State President, AKHIL BHARATIYA GRAHAK PANCHAYAT, Braj Prant 2006 – contd.**
3. **Chattriya Pramukh West Uttar Pradesh, Akhil Bhartiya Grahak Panchayat 2015-2017**
4. **Senior Vice-president, FUPRUTA 2005 – contd.**
5. Running consumer help center for Akhil Bhartiya Grahak Panchayat
6. Vice-President in Krida Bharti, Braj, Prant 2016 – 2021
7. Running “Vigyan Club” in Bareilly under Vigyan Bharti

Objectives:

1. To build character in the coming generation by providing good and quality education
2. To promote work culture and physically strong youth for the country
3. To develop society dedicated and technically strong youth