

CURRICULUM VITAE



NAME : **Dr. Mohammad Akmal**
DESIGNATION : **Assistant Professor**
DEPARTMENT : **Botany**
SPECIALIZATION : **Plant Molecular Biology**
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BLOOD GROUP : **O⁺**

QUALIFICATION DETAILS

S.NO.	QUALIFICATION	NAME OF UNIVERSITY	PASSING YEAR
1	Ph. D.	Jamia Hamdard, New Delhi	2011
2	M. Sc. / M. A.	Ch. Charan Singh University, Meerut	2002
3	B. Sc. / B. A.	Meerut College, Meerut (C. C. S. U)	1999

POSITIONS HELD

S.NO.	EMPLOYER	DESIGNATION	DATE FROM	DATE TO
1	Jamia Millia Islamia, New Delhi	Guest Faculty	08-08-2010	27-04-2014
2	Dr. D. S. Kothari Postdoctoral Fellow (UGC) Jamia Millia Islamia, New Delhi	Project Fellow	17-05-2012	17-05-2015
3	Jamia Millia Islamia, New Delhi	Guest Faculty	06-08-2015	24-04-2017

4	M.L.K. P. G. Collage, Balrampur	Assistant Professor (Department of Botany)	21-09-2017	Till date
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ACADEMIC DETAILS

Recent Significant Publications, Articles, Cases

S.NO.	TITLE	JOURNAL	VOLUME / ISSUE	YEAR
1	Constitutive expression of high affinity sulphate transporter (HAST) gene in Indian mustard showed enhanced sulphur uptake and assimilation.	Plant Biotechnology Reports	248 (3)	2010
2	Cytokinin improve shoot regeneration efficiency in two Indian cotton (<i>Gossypium hirsutum</i> cv. Narashima and <i>G. arboreum</i> cv. AKA-7) cultivars.	AAAS	02(8)	2014
3	Enhanced nitrogen assimilation in transgenic mustard (<i>Brassica juncea</i> L.) over expressing high affinity sulfate transporter gene.	Indian journal of Biotechnology	13(3)	2014
4	Resistance to cotton leaf curl disease in transgenic tobacco expressing β C1 gene derived intron-hairpin RNA.	Indian journal of Biotechnology	16	2017
5.	Suppression of cotton leaf curl disease symptoms in <i>Gossypium hirsutum</i> through over expression of host-encoded miRNAs.	Journal of Biotechnology	263	2017
6.	Effect of <i>Antigonon leptopus</i> Leaf Extract on Seed	Journal of Natural Resource	4(5)	2019

	Germination and Seedling Growth of <i>Trigonella foenum graecum</i> , International	Ecology and Management		
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Conferences, Seminars, Workshops & Talks

S.NO.	DETAILS	YEAR
1	Akmal A and Singh SM (2018) Introduction of invasive plant (<i>Antigonon leptopus</i>) in Balrampur : A major threat to the biodiversity, National conference on pollution control for sustainable environment, organised by M. M. P. G. College Bhatpar Rani, Deoria, (UP)-274702, 10-11 February.	2018
2	Akmal M and Rajeev Ranjan (2018) Studies on allopathic interaction of <i>Antigonon</i> with <i>Trigonella foenum graecum</i> , National conference on diversity and utilisation of tropical plants, organised by Department of Botany, DDU Gorakhpur University, Gorakhpur 273009. 22-23 February.	2018
3	Akmal M (2018) Regeneration and multiplication of <i>Brassica juncea</i> L. through somatic embryogenesis presented in XLI All India Botanical conference of the Indian Botanical Society and National symposium on ecological restoration carbon sequestration and biotechnological approaches for biodiversity conservation held at School of studies in Botany, Jiwaji University, Gwalior (MP) on 25-27 October 2018.	2018
4	E-National Conference Relevance of National Education Policy 2020 in Present Scenario IQAC, M. L. K. PG College, Balrampur (U. P.) 29-30 August, 2020	2020
5	National Conference on Techno- scientific Challenges and Sustainable Solutions for Living beings during Changing Environment (TCSE-2021).	2021
6	Webinar on Academic Branding, Improving visibility, network and career opportunities Edanz Learning Lab 14 May, 2021	2021
7	2 FDP-45 one-week interdisciplinary Faculty Development Program on Basic of Research. Mahatma Hansraj Faculty Development Centre (MHFDC), Hansraj College, University of Delhi. In Collaboration with PRAMARSH, UGC Scheme 18 to 24 June 2021	2021
8	International conference on Genetics and Genomics technologies for crop improvement, Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi 01 to 03 August, 2021	2021
9	Short Term Course in Disaster Management UGC-HRDC, University of Hyderabad	2021
10	Faculty Development Program UGC-HRDC, Jai Narain Vyas University, Jodhpur, Rajasthan 02 to 07 March, 2022	2022
11	National Seminar on Research Methodology M. L. K. (P.G.) College, Balrampur	2022
12	National Seminar on World Environment Day on depleting natural resources, environmental crises and resources	2022

Awards & Recognitions

S.NO.	NAME OF AWARDS	YEAR
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1	CSIR-JRF, SRF	2003
2	UGC, JRF	2003
3	Dr. D. S. Kothari PDF (UGC)	2012

Academic / Administrative Services to the College / University

S.NO	DETAILS
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Research Guidance

S.NO.	NAME OF RESEARCH SCHOLAR	TOPIC	YEAR
1	Sandeep Kumar Shukla	Metabolic profiling of <i>Ophioglossum vulgatum</i> L. through UPLC-LCMS analysis	2019-20
2	Shakeel Ahmad	Effect of various concentrations of salt (NaCl) on the growth of <i>Brassica juncea</i> L. seedlings	2019-20
3	Garima Tiwari	Hands on training in plant tissue culture using <i>Brassica juncea</i> L.	2019-20
4	Shazma Khatoon	Growth studies on <i>Vigna radiata</i> L. under draught stress.	2019-20
5	Nidhi Mishra	Impact on <i>Physalis</i> root extract on the seed germination and seedling growth of wheat (<i>Triticum aestivum</i> var. Dara	2020-21
6	Prabhat Pandey	Studies on morphology of some pteridophytic fern flora of Balrampur, Uttar Pradesh, India	2020-21
7	Samay Shukla	Morphological studies of of some pteridophytic fern flora of Balrampur, Uttar Pradesh	2020-21
8	Jyoti Sahani	Studies on growth of Gram (<i>Cicer arietinum</i> L.) under salinity stress	2021-22
9	Sakshi Pandey	Phytotoxic effect of salt on seedling growth of <i>Cicer arietinum</i> L.	2021-22
10	Pratyaksha Singh	Growth studies in <i>Pisum sativum</i> L. Under salinity stress	2021-22
11	Mansi Shukla	Salinity cause growth reduction in pea (<i>Pisum sativum</i> L.) plant	2021-22
12	Saumya Shukla	Some physicochemical studies on seedling growth of <i>Trigonella foenum-graecumi</i> under Iron stress	2021-22
13	Babita Verma	Iron toxicity in <i>Trigonella foenum-graecumi</i> affect growth and nitrogen contents	2021-22
14	Mohd Avaish	Phytotoxic effect of ground water arsenic (AS) on seedling growth of <i>Vigna radiata</i> L.	2021-22
15	Dharmesh Srivastava	Ground water arsenic (AS) impact on the seedling growth of <i>Vigna radiata</i> L.	2021-22
16	Janmaejay Singh	Effect of salt (NaCl) on the growth of <i>Brassica juncea</i> L. seedlings	2021-22

17	Gulafsha Aamir	Growth of <i>Brassica juncea</i> L. seedlings under salinity stress	2021-22
18	Anukriti Upadhyay	Effect of draught stress on <i>Vigna radiata</i> L. seedling growth	2021-22