

BIO-DATA

Name: Dr. RAJENDRA KUMAR

Department: **Botany**

Designation: **Associate Professor**

Educational Qualification: **MSc., PhD.**

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Adhar number: **4308 7674 6127**

PAN number: **AMBPK0385K**

Date of Appointment: **6 January 2003**

Mobile No: 9414500898

Educational Qualifications:

Ph.D.*	2010	Botany		University of Rajasthan, Jaipur
*Ph.D. degree obtained in 2010 on “Studies on Allelochemicals of <i>Phragmites karka</i> and <i>Arundo donax</i> ”.				
M.Sc.	1998	Botany	68.33%	J .N.V.University, Jodhpur
B.Sc.	1996	Bio-group	70.66%	M.D.S. University, Ajmer, Rajasthan
Sr. Sec.	1993	Bio-group	52.30%	R.B.S.E., Ajmer, Rajasthan
Secondary	1991	All Subject	67.09%	R.B.S.E., Ajmer, Rajasthan
SLET	1999	Botany	-----	RPSC, Ajmer, Rajasthan



Teaching Experience:

S.No.	Name of College	Period	UG	PG
1	N.D.B.Govt.PG College Sriganganagar	11 yrs	11	--
2.	Dr. Bhim Rao Ambedkar Government College, Sri ganganagar	7 yrs	7	--

Research Projects:

1. Major Research Project From DST Government of Rajasthan, Jaipur Rs. 3,71,000/- DST/R&D 2010/8890 Dated 30.03.2011 (Two year)
'The role of allelopathic potential of *Eichhornia crassipes* and *Phragmites karka* in the sustainable management in agricultural Crops (wheat and rice)'

2. Minor Research Project From UGC CRO Bhopal (18 Months) Rs. 135000/- March 2011. 'Studies on allelopathic potential of some aquatic macrophytes on sustainable management of agricultural crops'.

3. Minor Research Project From UGC CRO Bhopal (Two years) Rs. 250000/- February 2015 Allelopathy–A sustainable alternative and eco-friendly tool for crop management in Sri Ganganagar District.

2. Number of research papers in the Journals. Mention year wise starting with 2020 for the last five years (2015-20).

S.No	Title of paper	Name of journal with vol no.	National/ International	Year of publication	Impact factor	ISSN number	Link to the recognition in UGC enlistment of the Journal	Citation index / No. of citations if any
1.	Allelopathic impact of <i>Arundo donax</i> in integrated management of rice crop	Science Park Research Journals Vol-3 24 March 2016	National	2016	2.1005(UIF)	2321-8045	--	--
2.	An assessment of allelopathic potential of <i>Phragmites karka</i> on wheat crop	Science Park Research Journals Vol-3 24 March 2016.	National	2016	2.1005(UIF)	2321-8045	--	--

3.	Allelopathic effect of Abutilon indicum and Parthenium hysterophorus on seed germination and seedling growth of rice	Unique journals of pharmaceutical and Biological Science Vol-4(04)	National	2016	--	2319-7064 I	--	--
4.	Allelochemicals of Phragmites karka enhanced the growth of rice seedlings	International Journal of Science & Research IJSR Online Volume 5, Issue 8	International	2016	6.391	2319-7064	--	--
5.	Rhizosphere soil of Phragmites karka enhanced the growth of Wheat seedlings	Journal of Research and Inspiration Vol-1-4	International	2016	4.012 (IIJIF)	2455-443X	--	--
6.	Allelochemicals of Arundo donax enhanced the growth of rice seedlings	Life Science Leaflets Online Volume 80	National	2016	4.366	2277-4297	--	--
7.	Allelochemicals of Arundo donax enhanced the growth of wheat seedlings	Life Science Leaflets Online Volume 81	National	2016	4.366	0976-1098	--	--
8.	Allelopathic effect Abutilon indicum and Parthenium hysterophorus on seed germination and seedling growth of wheat	Journal of Science & Research IJSR Volume 6	National	2017	6.391	2319-7064	--	--

9.	Rhizosphere soil of Phragmites karka enhanced the growth of Rice seedlings	Journal of Global Science Vol-5(6)	National	2017	--	2320-1355	--	--
10.	Allelopathy as a new strategy for sustainable management of wheat crop	Jai Maa Saraswati Gyandayini Vol-3(1)	International	2017	4.032(IIJIF)	2454-8367	--	--
11.	The effects of Phragmites karka on Invasion in Plant Communities	Ascent International Journal for Research Analysis	International	2019	--	2455-5967	--	--
12.	Water Hyacinth: Available and renewable resource	International journal of innovation in Engineering research and management Vol-7(02)	International	2020	--	2348-4918	--	--

3. Participation in Seminars /Conferences/Workshops in last five years (2015-20) Mention from 2020 onwards till 2015:

S.No.	Title of Seminar/Conference/workshop	Title of paper presented	Date and year	Institution and Place	International/National/State/Local level	Attended/ Paper presented/ Resource person
1.	Innovative Research on science, Humanities, Engineering and Management	Water hyacinth: Available and renewable source	15-16 February 2020	SKD University, Hanumangarh	International	Paper presented
2.	Environmental Ethics, Resource management and Regional Development	Water hyacinth: As a new biofertilizer	29-30 November 2019	Dr. B.R. Ambedkar Government College, Sri Ganganagar	International	Paper presented
3.	On emerging challenges, their solutions and recent advances in science	The Economics of Sustainable Agriculture: Organic farming is a new prospective	4-5 October 2019	Government Science College, Sikar	International	Paper presented
4.	Global environmental crisis and social literary thought	Biodiversity and environment conversation	15 November 2019	Dr. B.R. Ambedkar Government College, Sri Ganganagar	National	Paper presented

5.	Modern trends in research methodology	Some research method in allelopathic crop weed interaction	7-8 January 2019	Tantia University, Sri ganganagar	National	Paper presented
6.	International Workshop and Symposium on Green Chemistry & Technology	-	15-17 October 2018	Govt. Dungar College Bikaner	International	-
7.	Role of ICT in Higher Education and Research	Role of ICT in higher education and research for 21th century ICT as a change agent for education.	5-6 October 2018	SS Jain Subodh P.G. College Jaipur	International	Paper presented
8	National workshop on biodiversity 2018	-	28-29 September 2018	SS Jain Subodh P.G. College Jaipur	National	-
9.	Transformation of India: opportunities and challenges	Role of Allelopathy in Economic Development	17-18 September 2018	SS Jain Subodh P.G. College Jaipur	National	Paper presented
10.	A National Conference on Recent Technological Advancement in Science, Engineering and Management	The use of allelopathic potential of Eichhornia crassipes in sustainable management in barley crop	19 January 2018	Surendra Group of Institutions	National	Paper presented
11.	International conference on Commerce, Management, Social Science and Science	Uses of Allelopathy in Agro ecosystem	20-21 November 2017	LBS P.G. College Jaipur	International	Paper presented

12.	Technological development era- a threat to environment	Eco friendly agriculture, concept, challenges, opportunities	11-12 November 2017	NM Law P.G. College Hanumangarh	International	Paper presented
13.	GST and National Development	GST an analysis	26 September 2017	Dr. B.R. Ambedkar Government College, Sri Ganganagar	National	Paper presented
14.	Human Right and Globalization	Human right and globalization	31 January 2017	Dr. B.R. Ambedkar Government College, Sri Ganganagar	National	Paper presented
15.	Global Environmental Challenges: Present Scenario	Promotive allelopathic potential of Eichhornia crassipes	21 January 2017	UOR Jaipur	National	Paper presented
16.	National Conference on Biotechnology for Sustainable Development	Development of eco-friendly tool for sustainable development in cotton crop in Sri Ganganagar	23-24 December 2016	M D College Sri Ganganagar	National	Paper presented
17.	National Symposium on Isotopes'	-	22 December 2016	M D College Sri Ganganagar	National	-
18.	Emerging Trends in Biological Sciences	Organic Farming ... in Sri Ganganagar	12 November 2016	MMM College Patiala	National	Paper presented
19.	Science and Technology -The Indian Perspective	Rhizospheric Soil on...Wheat Seedlings	16-17 September 2016	UOR Jaipur	National	Paper presented
20.	Environmental Challenges, Human Health and Society		8-10 September	UOR-Maharaja College Jaipur	National	

		-	2016			-
21.	Overpopulation and its Effect on Environment	Allelopathy Can Play A Major Role in Eco-friendly Agriculture	15-16 January 2016	G M P.G. College Sikar	National	Paper presented
22.	Emerging Trends in Plant Sciences	Achieving Sustainability... by P.karka	26-28 October 2015	UOR Jaipur	National	Paper presented
23.	Advances in Natural Science for Indigenous Development in India	Rhizospheric Soil on...Rice Seedlings	30 September-2 October 2015	UOR Jaipur	National	Paper presented

Courses/Trainings attended:

1. UGC Sponsored Orientation Course, ASC –University of Rajasthan, Jaipur, 8 June – 5 July, 2005.
2. Awareness Programme on Disaster Management, December 12-14, 2005. The H C M Rajasthan State Institute of Public Administration, Jaipur.
3. UGC Sponsored Refresher Courses in Botany, ASC- J.N.V. University, Jodhpur July 10 – 29, 2006
4. N.S.S. Orientation Programme- July 21-30, 2007. HCM Rajasthan State Institute of Public Administration, Jaipur.
5. UGC Sponsored Refresher Courses in Botany, ASC- J.N.V. University, Jodhpur, October 11-30, 2010.
6. UGC Sponsored Refresher Courses in Botany, ASC- J.N.V. University Jodhpur, October 8 –27, 2012.
7. UGC-HRDC Short term course In E-Governance & E-learning, University of Rajasthan, Jaipur, November 23 –28, 2015.

Signature

Name: **Dr. Rajendra Kumar**