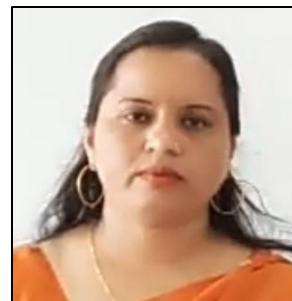


FACULTY PROFILE

NAME : Dr Mranali Chauhan
FATHER'S NAME : Dr Mahendra Pratap Singh Chauhan
DESIGNATION : Associate Professor in Botany
DATE OF BIRTH : 13 November 1976
DATE OF JOINING : 7August 2003
SENIOR SCALE : 7August 2007
SELECTION SCALE : 7August 2012
PAY BAND-IV : 7August 2015
E-MAIL : chauhan.mranali@gmail.com



EDUCATIONAL QUALIFICATION :-

CLASS	BOARD/UNIVERSITY	YEAR OF PASSING	DIVISION & REMARKS
SECONDARY	Board of Secondary Education Rajasthan, Ajmer	1992	I (Meritorious)
SR. SEC.	Board of Secondary Education Rajasthan, Ajmer	1994	I
BACHELOR DEGREE	University of Rajasthan	1997	I
MASTER DEGREE	University of Rajasthan	1999	I
Ph.D.	University of Rajasthan	8 July 2006	-
NET	CSIR	1999	LS + JRF
SLET	UGC & Professional Education Board, M.P.	1999	-

TITLE OF THESIS: Improvement of *in vitro* plant regeneration in rice (*Oryza sativa* L.) and barley (*Hordeum vulgare* L.) through manipulation of media components and plant growth regulators.

PROGRAMMES & COURSES ATTENDED :

S.No	NATURE OF COURSE	TOPIC	SPONSORING AGENCY	PLACE	DATE
1	Short term Training program	Initiative for teaching-learning excellence in botany	Commissionerate of College Education Rajasthan, Jaipur	Government College, Bundi	15 to 20 Feb 2021
2	Short term Training program	Initiative for teaching-learning excellence in botany	Commissionerate of College Education Rajasthan, Jaipur	Government Dungar College, Bikaner	11 to 16 Jan 2021
3	Annual Refresher Programme in Teaching	History of Indian Science & Technology	SWAYAM	JNU Delhi	16 Feb2020
4	Faculty development programme	Functional Genomics	NPTEL-AICTE	IIT Kanpur	Aug-Sept 2009 (4 weeks)
5	Faculty development programme	Introduction to Professional Scientific Communication	NPTEL-AICTE	IIT Kanpur	Jan-Feb 2019 (4 weeks)
6	Short term course	Communication skills & personality development	UGC	Jaipur	3 to 8 Aug 2015
7	Refresher course	Plant biology in changing global climate	UGC	Jodhpur	11 to 30 Oct 2010
8	Refresher course	Plant and environment	UGC	Jodhpur	07 to 26 Sept 2009
9	Orientation program	63 rd OP	UGC	Jodhpur	9Jan to 04Feb 2006
10	Refresher course	Plants microbes and environment	UGC	Jaipur	19 to 07 Aug 2004

TEACHING EXPERIENCE : 18years

S.No	NAME OF INSTITUTION	TIME PERIOD	UG	PG
1	Government PG College, Sawai Madhopur	07 Aug 2003 to 19 Nov 2005	2years 3months	-
2	M.S.J. College, Bharatpur	21 Nov 2005 to 18 March 2010	4years 4months	4years 4months
3	M.B.C. Government PG Girls College, Barmer	19 March 2010 to 19 Sept 2019	9years 9months	-
4	M.L.S.Government PG Girls College, Jaisalmer	30 Sept 2019 to 5 Jan 2021	1year 3months	-
5	Government College, Barmer	06 Jan 2021to continue		-

AWARD & MEDALS : Award of certificate of meritorious candidates from Rajasthan in secondary (1992)

FELLOWSHIP RECEIVED :

S.No	NATURE OF FELLOWSHIP	SPONSORING AGENCY	DURATION
1	Junior research fellowship	CSIR	2000-2002
2	Senior research fellowship	CSIR	2002-2003

RESEARCH PROJECT ONGOING OR COMPLETED :

TITLE OF PROJECT	SPONSORING AGENCY	DURATION	AMOUNT
<i>In vitro</i> culture of recalcitrant Indian Barley varieties	UGC	2009 to 2011	180000/-

MEMBERSHIP OF SOCIETY : Life member of Indian Botanical Society

RESEARCH PAPERS PUBLISHED IN JOURNALS. –

TITLE OF PAPER	JOURNALS	ISSN NO	IMPACT FACTOR	YEAR OF PUBLICATION
Influence of Calcium chloride and its optimization for high	Journal of Phytological Research	0970-5767		2021

frequency <i>in vitro</i> plant regeneration in Barley (<i>Hordeum vulgare</i> L.) and Rice (<i>Oryza sativa</i> L.)				
Traditional water harvesting systems in the arid western regions of Rajasthan	Pramāna	2249-2976	4.005 (2019)	2019
Influence of potassium dihydrogen phosphate in callus induction and plant regeneration in rice (<i>Oryza sativa</i> L.)	Cereal Research Communications	01333720	0.850 (2020)	2005
Optimization of ionic and chelated iron and it's interaction with disodium ethylene diaminetetraacetic acid for enhancement of plant regeneration in rice (<i>Oryza sativ aL.</i>)	Journal of Biochemistry and Biotechnology	09717811	1.175 (2020)	2004
Optimization of nutrient levels in the medium increases the efficiency of callus induction and plant regeneration in recalcitrant Indian Barley(<i>Hordeum vulgare</i> L) <i>in vitro</i>	In Vitro Cellular & Developmental Biology- Plants	1054-5476	2.252 (2020)	2004

INVITED LECTURES /RESOURCE PERSON :

S.No	INSTITUTION /PROGRAM	TOPIC	DATE
1	Gyan Ganga short term training program, M.S.J. Government college, Bharatpur	DNA sequencing and approach to functional genomics	25-30 Jan 2021
2	Government college, Barmer	Concept of gene	3 Sept 2019
3	National conference on biodiversity environmental challenges and wildlife	Environmental challenges with changing scenario in the arid regions	24-25 Jan 2018

	conservation organised by Government PG College, Thanagazi, Alwar		
4	Arya Samaj, Jodhpur	Vayumandal shuddhikaran mein yajy ka mahatv: ek vivechan	27 Dec 2014
5	Arya Samaj, Jodhpur	Daynand ke vicharon mein vegyanick drishtikon	08June2014
6	Arya Samaj, Jodhpur	Jaiv vividhta sanrakshan mein aaryon ki bhumika	29Dec2013
7	Arya Samaj, Jodhpur	Krishi mein gao vansh ka yogdaan	09June2013
8	Career Orientation Programme, M.S.J. College, Bharatpur	Paryatan ka vikas-France, Malasiya	11Feb to 12 Feb 2008
9	Career Orientation Programme, M.S.J. College, Bharatpur	Dakshin purv Asia mein paryatan ka vikas- Singapore, Thailand, Combodia	4 Feb to 6 Feb 2008

CHAPTERS IN EDITED BOOKS OR PROCEEDINGS OF CONFERENCES:

S.No	TITLE OF CHAPTER	TITLE OF BOOK	PUBLISHER	ISBN NO.	YEAR OF PUBLICATION
1	Fluoride contamination in groundwater of Rajasthan	Water crisis and sustainable management	Shivam publishers, Jaipur	978-93-84524-43-2	2020
2	Problem and management of fluoride contamination in Rajasthan	Issues in agriculture and environment	Ambica book agency, Jaipur	9788194907244	2020
3	Emerging problem of water logging and its effect on the arid regions of Western Rajasthan	Biodiversity environmental challenges & wildlife conservation	Banyan publication, Jaipur	81-89527-00-2	2018

PAPERS PRESENTED IN CONFERENCES / WEBINARS / SEMINARS :

S.No	TITLE OF PAPER	NAME OF CONFERENCE	ORGANISING AGENCY	DATE	NATIONAL/ INTERNATIONAL
1	Influences of micro nutrients and their optimization for high frequency <i>in vitro</i> plant regeneration in Barley (<i>Hordeum vulgare</i> L.)	International web conference on recent trends in chemistry and environment (RTCE 2021)	Department of Chemistry, MSJ College, Bharatpur	5-6 March 2021	International
2	Biodiversity conservation & sustainable development through the principles of Guru Jambheshwar	Antrashtriy web sangosthi madhyakalin sahitya ka paath aur jambhani sahitya	Hindi vibhag, Mumbai Vishwavidyalaya evum jambani akademi, Bikaner	29-30 June 2020	International
3	Biodiversity conservation through ecocentrism	International webinar on global Environmental Challenges, Biodiversity, Principles of Guru Jambheshwar ji and remedies	Guru jambheshwar paryavaran shodhpeeth, JNVU, Jodhpur & jambani sahitya akademi Bikaner	3-5 June 2020	International
4	The problem of nitrate contamination in water	SCION- 1 international conference on Emerging challenges, their solutions & their recent advances in science	Government science College, Sikar	4-5 Oct 2019	International
5	Cyber crime: Threats and security concerns	International conference on innovations & Emerging trends in global	INSPIRA research association, Jaipur and kanoria PG	16-17 Oct 2019	International

		economy: Opportunities and challenges and advance research and technological issues in management, commerce, economics, education. gender studies and information technology	mahila Mahavidyalaya, Jaipur		
6	Fluoride contamination in groundwater of Rajasthan	International workshop and symposium on green chemistry and technology (special emphasis on food water and drug research) (IWSGCT- 18)	Department of Chemistry, Dungar college, Bikaner and green chemistry network center, University of Delhi royal society of chemistry, London (North India section)	15-17Oct 2018	International
7	Cyber crime: Types, causes and preventive measures	International conference on role of ICT in higher education and research	SS Jain Subodh PG (autonomous) college, Jaipur	5-6Oct 2018	International
8	Plants in Shakespeare's plays	International conference on Shakespeare in Indian and European languages: a postmodern review	Department of English JNVU, Jodhpur and the Shakespeare association, India	16-18Nov 2015	International
9	Seed dormancy in Sehima: types and	International conference on	Saint Ann's college for	22Aug 2010	International

	effects of various treatments	biological sciences and engineering	women, Hyderabad and Nottingham Trent University (UK)		
10	Biodiversity conservation through the principles of Mahatma Gandhiji	Gandhi's spiritual and changing scenario with yoga 2019	Government Girls College, Dholpur	22-23Nov 2019	National
11	Emerging environmental issues in the arid regions of Western Rajasthan	National conference on recent trends in environmental sustainability and green practices (RTES GP 2019)	Department of Botany, Government College, Bundi	15-16Nov 2019	National
12	Ecocentrism: A key way to sustainability	National conference on transforming society through literature and social movements	SS Jain Subodh PG College, Jaipur	6-7Sept 2019	National
13	The status of women and their empowerment in the field of science	UGC sponsored National seminar on constitutional and legal provisions for women empowerment & protection in India	Faculty of law, JNVU, Jodhpur	24March 2019	National
14	Mahatma Gandhi ke vicharon ka samaj par prabhav	Rashtriy sangoshthi - Mahatma Gandhi ka sahitya samaj evum rajniti per prabhav	Hindi vibhag, JNVU, Jodhpur	3March 2019	National
15	The Indian Thar desert: Ecological changes and	National conference on transformation of	SS Jain Subodh PG (autonomous) College, Jaipur	17-18Sept 2018	National

	emerging environmental issues	India: Opportunities & challenges			
16	Conservation of plants through rituals and Dietaries	Rashtriya sangoshthi: Bharat mein lok itihaas parampara avum aitihasik srot vanshali lekhan adhyayan ke vishesh sandarbh mein	School of Heritage, vanshali shodh peeth, Kota Vishwavidyalaya, Kota	14-15April 2018	National
17	Higher education in present scenario	Rashtriya sangoshthi: vartman paripreksh mein Bharat mein uchch Shiksha ka punarutthan	Rajasthan vishwavidyalay mahavidyalay shikshak Sangh (rashtriya) Jodhpur, Pali, Barmer vibhag evum shaikshik manthan Sansthan, Jaipur	15Oct 2016	National
18	Environmental challenges in western Rajasthan	National conference on environmental challenges human health and society	University maharaja College and ISLS Jaipur	8-10Sept 2016	National
19	Women revolutionaries in 19 th and 20 th century	UGC national seminar on ideologies in 19th and 20th century India (with special reference to Congress)	Mahila PG Mahavidyalaya ,Jodhpur	18-19Feb 2012	National
20	New trends for combating food demands in 21st century role of IT in food security	National level seminar cum workshop Relevance of information technology in	Seth Gyaniram Bansidhar Poddar College, Nawalgarh	22Oct 2011	National

		present scenario: focus on rural India			
21	Inorganic nutrients as factor controlling callus induction and subsequent plant regeneration in <i>in vitro</i> cultures of barley	XXXth Botanical conference	Indian Botanical Society & Department of Botany, Jiwaji University, Gwalior	28-30Nov 2007	National
22	Optimization of mineral nutrients for high-frequency regeneration in rice <i>in vitro</i> cultures	National symposium on plant biotechnology: role in sustainable development and 25th meeting of plant tissue culture association, India	University of Rajasthan, Jaipur and PTCA, India	17-19Feb 2003	National
23	Callus induction and plant regeneration from barley embryos	National symposium on plant biotechnology and molecular biology and 24th annual meeting of the plant tissue culture association, India	University of Delhi, New Delhi and PTCA, India	12-14Oct 2001	National

CONFERENCES / SEMINARS / WEBINARS ATTENDED –

S.No	NAME OF CONFERENCE	ORGANISING AGENCY	DATE	NATIONAL/ INTERNATIONAL
1	International webinar on nature of human	Department of zoology, Sanatan Dharm	26June 2021	International

	interrelationship wrt ecological restoration	Government College, Beawar and Agrawal Kanya Mahavidyalaya, Gangapur City, Rajasthan		
2	Vaidik yog vigyan	Vaidik vigyan Kendra Kashi Hindu vishwavidyalay	20-24June 2021	International
3	International webinar on aspects of evaluation of teachers	Department of English, BSR Government arts College, Alwar, Rajasthan	28Jan 2021	International
4	International conference on strategies for environment and biodiversity conservation	Department of Botany, Government college, Kota, Rajasthan	24Nov 2020	International
5	International E-seminar on recent advancement in environmental research for sustainable development	Department of chemistry jankidevi Bajaj Government Girls College, Kota, Rajasthan	28Oct 2020	International
6	Sustainable development and self reliant India: contemporary issues	Department of public administration and Nehru study centre, JNVU Jodhpur	21July 2021	National
7	World Environment Day "environmental protection: our common responsibility"	RRBM University, Alwar	5July 2021	National
8	Peasant movement in India: before and after independence	Department of history, faculty of arts education and social sciences, JNVU, Jodhpur	21June 2021	National
9	Madhyakalin Ram Kavya ko jambhani sahityakaron ki den	Rajkiy mahavidyalay, Bavdi, Jodhpur evum jambadi sahitya akademi, Bikaner	21April 2021	National
10	Sankhya ka darshnik paksh evum yog ka Chitt-Manovigyan	Snatakottar Sanskrit vibhag, BSR Kala Mahavidyalaya, Alwar	26March 2021	National

11	Hindi sahitya evum Gandhi Darshan	Snatakottar Hindi vibhag, BSR Kala Mahavidyalaya, Alwar	20March 2021	National
12	Hundred years of Harappa in context of archaeology	Department of history, BSR Government arts College, Alwar and archaeological survey of India, Jaipur	8March 2021	National
13	Nanotechnology in human welfare	RD Girls College Bharatpur	10Feb 2021	National
14	Harit rajnitik Siddhant	LBS Government College, Kotputli, Jaipur	6Feb 2021	National
15	Gandhi Chintan mein Kisan aandolan evum gram Swaraj	RRBM University, Alwar and BSR Government arts College, Alwar	30Jan 2021	National
16	Environment conservation: issues and challenges	Department of geography, SCRS Government College, Sawai Madhopur	22Dec 2020	National
17	Intellectual property rights	Department of Botany, Government college, Kota	21Nov 2020	National
18	Rajasthani Bhasha aur sahitya ko jambhani sahitya ka yogdan	Jambhani sahitya akademi, Bikaner evum Rajasthani Bhasha sahitya evumsanskriti academy, Bikaner	11Nov 2020	National
19	NAAC accreditation process: Opportunities and challenges	Jankidevi Bajaj Government Girls College, Kota	9Nov 2020	National
20	Environmental ethics: conservation and sustainable development	Department of Botany, Government college, Kota	6Nov 2020	National
21	Financial literacy	Government College, Deoli, Tonk	5Nov 2020	National
22	Mahila Suraksha ek vimarsh: Beti bachao Desh bachao	Government Dungar College, Bikaner and regional directorate of NSS, Jaipur	31Oct 2020	National

23	New education policy: facts and challenges	Government College, Fatehpur, Sikar	30Oct 2020	National
24	Revised accreditation framework of NAAC quality enhancement practices in higher education	SS Jain Subodh PG (autonomous) College, Jaipur	21Oct 2020	National
25	Recent advances in biotechnology	Department of Botany, JNVU Jodhpur	20Oct 2020	National
26	National Education Policy 2020	Rai University, Ahmedabad, Gujarat	16Oct 2020	National
27	Films & communication studies- A model in the making	Department of English, Gauri Devi government college for women, Alwar	14Oct 2020	National
28	Revisiting our mental wellbeing during stress	Department of psychology, St Welfred PG College, Jaipur	10Oct 2020	National
29	Beta testing workshop from Manav human Atlas initiative platform as a reviewer	NCCS Pune IISER, Pune and persistent Labs, Pune	From Oct 2020	National
30	Biodiversity in Thar desert	St Welfred PG College, Jaipur	5Oct 2020	National
31	Relevance of Gandhian thought in the present scenario	Department of political science, Gauri Devi government college for women, Alwar	20Oct 2020	National
32	Gandhi Darshan Siddhant evum vyavhar ek samvad	Government Girls College, Karauli & Government college, Karauli	20Oct 2020	National
33	High impact online lectures	Government Polytechnic College, Barmer	15Sept 2020	National
34	Contents design, development, delivery and response	Directorate of College Education Rajasthan, Jaipur and Government Dungar College, Bikaner	25-26 Aug 2020	National

35	Environmental issues and opportunities after covid-19	Government College, Rajgarh, Alwar	14 July 2020	National
36	Manage stress effectively with meditation	Dnyan Ganga College of arts, commerce and science, Department of commerce & IQAC	30 June 2020	National
37	Uses of online resources in teaching learning process	Department of chemistry, Uka Tarsadia University, Gujarat	20 June 2020	National