

FACULTY PROFILE

- [1] Name : **Dr.Chetan Kumar Joshi**
- [2] Designation : **Assistant Professor**
- [3] Department : **Zoology**
- [4] Educational Qualification : **M.Sc., PhD**
- [5] Institute of Doctoral Degree : **MLS University, Udaipur (Raj.)**
- [6] Teaching Experience : **17 YEARS**
- [7] Number of Research Papers/Articles Published : **20**



Details of publications-

1. K Sharma, D Sharma, **C Joshi**, A Jain, M Bhatnagar. Antioxidants activity, medicinal plants and nervous disorders: A review. Published in compendium of bioactive products. Vol. 4: antioxidants. Gupta VP, Studium Press, 2009.
2. M Bhatnagar, P Meena, S Barber, **C Joshi**. Neuroprotective response of hippocampus region of brain to *Withania somnifera* and asparagus root extract: an in vitro study. Accepted in J.Med.Plant Res. 6:23-2012.
3. A Jain, P Sukhwal, **C Joshi**, C Sharma, N Jaiswal, M Bhatnagar. Neuroprotective effect of Resveratrol in CNS against oxidative damage and neurotransmitter activity in antiepileptic drug administered mice. Submitted and reviewed. Neurophysiology, 2012
4. N S Ranwa , N.K. Bavaliya and **Chetan Kumar Joshi** .Histopathological Studies on Leaf Gall of Ficus Religiosa Linn. Induced by Insect Journal of Nature and Natural Sciences. 1:2, 10-15, oct.2016.
5. N S Ranwa , N.K. Bavaliya and **Chetan Kumar Joshi**. Morphological and histopathological studies on leaf gall of Ficus roxburghii Wall. induced by Pauropsylla species. Journal of Nature and Natural Sciences. 1:1, 12-17, April 2016 .
6. N S Ranwa , N.K. Bavaliya and **Chetan Kumar Joshi** Studies on Sugar Contents and Alpha-Amylase Activity Of Insect Induced Leaf Galls Of Some Economically Important Trees. Insect. Journal of Nature and Natural Sciences. 2:2, 12-16, July 2017.
7. Hanif Azad , **Chetan Kumar Joshi** , Mukesh Sharma and Asif Anas . DIAGNOSIS OF ANEMIA USING MULTIPLE RBCS PARAMETER IN INFANT WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES SJIF Impact Factor 7.632 Volume 9, Issue 4, 948-965 Research Article ISSN 2278 – 4357 March 2020.
8. Hanif Azad1 , **Chetan Kumar Joshi** , Mukesh Sharma and Asif Anas . ANEMIA IN CHILDREN: A MINI REVIEW WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES SJIF Impact Factor 7.632 Volume 9, Issue 4, 450-474 Review Article ISSN 2278 – 4357 12 March 2020 .
9. Niranjana Kumar Bavaliya and **Chetan Kumar Joshi** Ethno-Medicinal Leguminous Plants of Rajasthan ISSN : 2319-7129 EDU WORLD Vol. XII, Number - 4 April, 2018 Edu World • ISSN: 2319-7129 • Volume XII, Number 4 Page 112-136
10. . **Chetan Kumar Joshi**, Sandeep Sharma and Azra Praveen The epidemiological characteristics of Corona virus 2019- a brief study Challenges of Covid-19 : Human & Environment ISBN : 978-90-83024-23-3, 2020 Published by Acumen Publishers, Utrecht, Netherlands.

11. Sandeep Sharma, **Chetan Kumar Joshi**, Prakash Chand Singhadiya Higher education in India : Challenges, Initiatives and suggestions, Proceedings of National Conference on Higher Education and Sustainable Development Goals, Organized by Seth R.L. Sahariya Govt. PG. College, Kaladera, Jaipur, Rajasthan ISBN: 978-93-84834-17-3 (Page 80-82), 2020
12. , **Chetan Kumar Joshi**, Azra Praveen, Vivek Singh Mahariya, Jamal Ashraf and Mukesh Kumar Sharma Higher Educational Structure in India Proceedings National Conference on Higher Education and Sustainable Development Goals, Organized by Seth R.L. Sahariya Govt. PG. College, Kaladera, Jaipur, Rajasthan ISBN: 978-93-84834-17-3. Page (97-109), 2020
13. . Jitendra Kumar Patel, Mukesh Kumar Sharma, **Chetan Kumar Joshi** and Megha Kumari. In- vitro Potential evaluation of plant extract against fungal pathogen , Proceedings National Conference on Higher Education and Sustainable Development Goals, Organized by Seth R.L. Sahariya Govt. PG. College, Kaladera, Jaipur, Rajasthan ISBN: 978-93-84834-17-3(page 32-34), 2020.
14. Azra Parveen and **Chetan Joshi** Efficacy of Indigenous Plant Extracts against Larvae of Important Malaria Vector Anopheles stephensi Liston (Insecta:Diptera:Culicidae) Proceedings on Scientific World Around You and in Cosmos Published by Himanshu Publication, Udaipur ,ISBN : 978-81-7906-893-9, 2020
15. KALYANI K. MOHARIR* , MUKESH KUMAR SHARMA, AKHILESH MISHRA AND **CHETAN KUMAR JOSHI** . EFFECT OF DIFFERENT COLOUR SHADE NETS AND SUBSTRATES DURING ACCLIMATIZATION ON MICRO-PROPAGATED BANANA PLANTLETS (Musa spp.) IN DIFFERENT SEASONS. Plant Cell Biotechnology and Molecular Biology 21(71&72):280-290; 2020 ISSN: 0972-2025 .
16. JAMAL ASHRAF, MUKESH KUMAR SHARMA* , **CHETAN KUMAR JOSHI** AND DEBAASHISH BISWAS. ROLE OF COMPUTATIONAL STUDIES IN RESEARCH OF Catharanthus roseus L. Plant Cell Biotechnology and Molecular Biology 22(35&36):241-250; 2021 ISSN: 0972-2025 .
17. KALYANI K. MOHARIR, ATUL. B. PATIL, AKHILESH MISHRA, **CHETAN KUMAR JOSHI** AND MUKESH SHARMA . THE HARDENING OF BANANA (Musa spp.) TISSUE CULTURE PLANTS. Plant Cell Biotechnology and Molecular Biology 22(39&40):210-217; 2021 ISSN: 0972-2025 .
18. Niranjana Kumar Bavaliya and **Chetan Kumar Joshi** . Leguminous Plants Diversity of Rajasthan NJESR/June 2021/ Vol-2/Issue-6 E-ISSN2582-5836.
19. RAVINDRA MADHUKAR KATOLE, MUKESH KUMAR SHARMA AND **CHETAN KUMAR JOSHI** Annona squamosa L. AS A POTENTIAL NATURAL BOTANICAL PESTICIDE AND ITS FUTURISTIC RESEARCH SCOPE: A REVIEW Plant Cell Biotechnology and Molecular Biology 22(41&42):75-98; 2021 ISSN: 0972-2025.
20. **Chetan Kumar Joshi**, Madhur Mohan Ranga And Surbhi Ranga Chapter 9 Silicosis: An Occupational Health Crisis Among Stone Grinders Multidimensional Approaches to Impacts of Changing Environment on Human Health by CRC Press Taylor & Francis Group, New York, USA. ISBN : 9780367558499 September 2, 2021

[8] Number of Books Published : **07**

1. **Environmental Studies volume (1) Published by Kalika Publication , New Dehli**
2. **Environmental Studies volume (2) Published by Kalika Publication , New Dehli**
3. **Environmental Studies volume (3) Published by Kalika Publication , New Dehli**
4. **Environmental Studies volume (4) Published by Kalika Publication , New Dehli**
5. **Science (VI) Published by Kalika Publication , New Dehli**
6. **Science (VII) Published by Kalika Publication , New Dehli**
7. **General Science Published by Aapni Pothi**

9.Seminar/Conference/Webinar=30

Paper Presented:

S.N.	Name of Seminar/ Conference	Organised	Attended/ Paper Presented	Title of Paper	Date
INTERNATIONAL/NATIONAL/WORKSHOP/WEBINAR CONFERENCE					
1.	National Conference on Bio-diversity and Conservation- Social, Economical & Environmental Issue Including Pollution and Patent Laws	Rama Devi Mahila Mahavidyalaya, Harnathpura, Nua, Jhunjhunu	Paper Presented	“Effect of Metanil yellow on Nervous system of Wistar rat”	December 10-11, 2007
2.	UGC_SAP Workshop on Recent Trends in Animal Research	Department of Zoology, MLSU, Udaipur	Poster Presented	“Study on Neuroprotective..... in-vivo & in-vitro”	March 3-4, 2008
3.	27 th Annual Conference Indian Academy of Neurosciences	NIMS, University Rajasthan, Jaipur	Paper Presented	“Effects of MSG on Nervous System of Mice”	December 18-20, 2009
4.	National Workshop cum Symposium on Potential Alternatives to Dissection & Animal Experimentation in Zoology and the Practical Curriculum	Department of Zoology, R.L. Saharia Govt. P.G. College, Kaladera, Jaipur	Paper Presented	“Alternatives to Dissection & Animal Experimentation in Zoology”	November 19-21, 2009
5.	National Seminar on Quality Assurance in The Institutions of Higher Education	Seth Moti Lal P.G. College, Jhunjhunu	Paper Presented	“Status of Teaching and Research of Basic Science in India : A Review”	February 19-20, 2010
6.	National Conference on Thrust Area of Biotechnology and Bioengineering	DST, Jaipur	Paper Presented	“Bacterial gene Industrial enzyme”	February 26-27, 2010
7	National Seminar- Cum-Workshop on Marketing for Promotion of Tourism in Shekhawati Region	S.G.B. Podar College, Nawalgargh, Jhunjhunu Sponsored by UGC	Participation	-	January 22 nd , 2010

8.	National Seminar on Role of Biotechnology in Medical and Dental Research	Rajasthan University of Health Sciences & Maharaja Vinayak Global University, Jaipur	Participation	-	April 5 th , 2012
9.	XII International Conference on Vector And Vector Borne Diseases	National Academy of Vector Borne Diseases Bhubaneshwar, Odisha & Department of Zoology, MLSU, Udaipur, Rajasthan	Paper Presented	“Vector & Vector Borne Diseases :Their Global Impact”	September 16-18, 2013
10.	3-One Day Practical demo Training Programme for Administrative Hierarchy for State/ Middle level Officers	Centre for Management Studies HCM Rajasthan State Institution of Public Administration, Jaipur	Participation		November 4-6, 2013
11.	National Symposium on Green Economy & Harnessing Natural Products for sustainable Development	Indian Society for Life Sciences & The Indian Science Congress Association Jaipur	Paper Presented	Ecotourism In Rajasthan	July 12 th 2014
12.	Zonal Seminar On NSS	Commissionerate College Education Rajasthan, Jaipur & S.R.R. Morarka Govt. P.G. College, Jhunjhunu	Participation	-	December 3-4, 2015
13.	HELP YOURSELF A Self Management cum Awareness Workshop on Environment and Disease Management	Department of Zoology, MLSU, Udaipur, Rajasthan	Giving Hands On Training	“Vermitechnology”	April 17 th , 2017
14.	National Seminar on Human Rights : Contemporary Issues and Challenges	Department of Political Science S.R.R. Morarka Govt. P.G. College, Jhunjhunu	Paper Presented	“Effect Of Science and Technological Progress on Human Rights”	September 15-16, 2017
15	UGC SAP Sponsored Workshop on Forensic Entomology: Role of Insects In Forensics	Laboratory of Medical Anthropodology, Department of Zoology, MLSU, Udaipur, Rajasthan	As a Resource Person	Molecular Methods for Forensic Entomology	December 21-22, 2017

16.	National Conference on Recent Trends in Science and Social Science in Sustainable Development (NCRSD-2018)	Govt. Girls College, Sirohi, Rajasthan	Presented Paper	“A Brief Review of Silicosis- High Risk Factor in Rajasthan”	January 22 -23, 2018
17.	National Conference on Biodiversity, Environmental Challenges and Wildlife Conservation	Govt. P.G. College, Thanagazi, Alwar	Presented Paper	“Natural Resources : Human Use in Everyday Life”	January 24 -25, 2018
18.	International Conference on Frontiers at the Chemistry- Allied Science Interface	Department of Chemistry, University of Raj. Jaipur	Poster Presented	“Effect of MSG on Brain of Neonatal Mice”	December 21-22, 2018
19.	International Conference on Mankind at Crossroads: Challenges and Solutions	Govt. Bangur P.G. College, Pali, Rajasthan	Presented Paper	“Effect of Oxytocin on Crow and Vulture Biodiversity”	January 17 -18, 2018
20	International Conference on Recent trends in Environment & Natural Sciences- ICRTENS-2019	Govt. Science, College, Sikar & IAARHIES	Invited Lecture	“Study of Bird Diversity in Sikar : A Review”	February 12-13, 2019
21.	SCICON-I st An International Conference on Emerging Challenges, Their Solutions and Recent Advances in Science	Govt. Science, College, Sikar	Invited Lecture	“Aluminium Toxicity of Human Body : A Growing Risk”	October 4-5, 2019
22	National Conference on Recent Trends in Environment sustainability and Green Practices (RTESGP-19)	Department Of Botany, Govt. College, Bundi, Rajasthan	Presented Paper	“Biodiversity Conservation of Shekhawati Region”	November 15-16, 2019
23	National seminar on Water Conservation : Management Techniques and Awareness	Vedanta Post Graduate Girls College, Reengus, Sikar	Invited Lecture	“Water Pollutionin Udaipurwati District Jhunjhunu”	January 17 -18, 2020
24	National Conference on Experience of Development in India Social Science Perspective	Department of Geography Govt. Arts College, Sikar & Savitri Bai Phule Mahila Mahavidyalaya, Sikar	Keynote Speaker	“Scientific Development and Society : A Critical Perspective”	February 07-08, 2020

25.	International E-Conference on Impact of Covid-19 on Society, Environment : Challenges, Solution & Possibilities”	Department of Geography MJD Govt. College, Taranagar, Churu	Presented Paper	“The Epidemiological Characteristics of Corona virus 2019- A Brief Study”	June 13-14, 2020
26	Environmental Issues & Opportunities after COVID-19	Govt. College, Rajgrah, Alwar	Participation	-	June 14,2020
27.	Hands – on Online workshop Quantitative Genetics and Genomics in Plant Breeding	Vignan’s Foundation for Science, Technology & Research, Vadlamudi, Guntur, Andhra Pradesh, India	Participation	5 Day training Online	November 23-27, 2019
28.	Awarness on Intellectual Property Rights (IPR)	DST, Govt. of Rajasthan, Jaipur	Participation	-	January 01, 2021
29.	Outcome Based Education : An Innovative Pedogogy	Teerthanker Mahaveer University, Moradabad	Participation	-	February 18-20, 2021
30	Science Academies Virtual Lecture Workshop on “Recent Scenario in Life Science”	Department of Biotechnology Sri Krishna Arts and science College, Kuniyamuthur, Coimbatore	Participation	-	February 24-25, 2021

Organized: 05

<i>S.N.</i>	<i>Name of Seminar/ Conference</i>	<i>Organised</i>	<i>Participation in organization</i>	<i>Mode of operation</i>	<i>Date</i>
1.	National Conference on Bio-diversity and Conservation- Social, Economical & Environmental Issue Including Pollution and Patent Laws	Rama Devi Mahila Mahavidyalaya, Harnathpura, Nua, Jhunjhunu	Convener	Offline Mode	December 10-11, 2007
2.	National Conference on Thrust Area of Biotechnology and Bioengineering	DST, Jaipur	Organizing Committee Member	Offline Mode	February 26-27, 2010
3.	National Conference on Recent Trends in Science and Social Science in Sustainable Development (NCRSD-2018)	Govt. Girls College, Sirohi, Rajasthan	Organizing Committee Member	Offline Mode	January 22 -23, 2018
4.	International Conference on Recent trends in Environment & Natural Sciences- ICRTENS- 2019	Govt. Science, College, Sikar & IAARHIES	Organizing Secretary	Offline	February 12-13, 2019
5.	SCICON-I st An International Conference on Emerging Challenges, Their Solutions and Recent Advances in Science	Govt. Science, College, Sikar	Organizing Committee Member	Offline	October 4-5, 2019
6.	National seminar on Water Conservation : Management Techniques and Awareness	Vedanta Post Graduate Girls College, Reengus, Sikar	Organizing Secretary	Offline	January 17 -18, 2020

10.Faculty Development Programme :

1. Gyan Ganga State Level Subject Specific Short term Online Training Programme **“Initiatives for Teaching-Learning Excellence in Zoology”** Jointly Organized by Commissionerate of College Education, Rajasthan and Govt. Dungar College, Bikaner **(25-31 January 2021)**.
2. Gyan Ganga State Level Subject Specific Short term Online Training Programme **“Initiatives for Teaching-Learning Excellence in Environmental Studies”** Jointly Organized by Commissionerate of College Education, Rajasthan and Govt. Arts College, Sikar **(01-06 March,2021)**.

3. One Week Faculty Development Program on **“Protein – Receptor Binding Chemistry”** Organized by Dr. Vikram sarabhai Institute of Cell and Molecular Biology(VSCIMB), The Maharaja Sayajirao University of Baroda (MSU) and Department of Biotechnology, National Institute of Technology(NIT), Waragal **(17-22, May, 2021)**

4. One Week Faculty Development Program on **“Indian Education (A Paradigm Shift in the Present Scenario)”** Organized by Faculty Of Education Teerthanker Mahaveer University, Moradabad**(01-07 June, 2021).**

11. Research Projects: NIL

12. Member of BOS/Academic Council: Member of Syllabus Committee, PDS University, Sikar

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