

Government Dungar College, Bikaner

Faculty Profile

- 1 Name: DR.ARUNA CHAKRAWARTI
- 2 Department: ZOOLOGY
- 3 Designation: ASSOCIATE PROFESSOR
- 4 Qualifications: M.SC; M.Phil; Ph.D
- 5 Institute and place of Post Graduation Qualification :M.V.M; BHOPAL(M.P.)
- 6 Teaching Experience: UG -21 Yrs PG ...17 Yrs .Research ...17 Yrs
- 7 Home Town and State: BIKANER, RAJASTHAN
- 8 Details of research scholars:



S.N O	NAME OF SCHOLAR	TITLE OF THESIS	DATE & YEAR OF REGISTRATION	YEAR OF AWARD
1	Tulsi Ram Prajapat	Protective role of <i>Emblica officinalis</i> Linn against radiation and lead induced changes in the kidney of swiss albino mice.	5/8/10	6/9/2013
2	Om Kanwar	Protective effect of AloeVera against radiation and cadmium induced changes in the brain of Swiss Albino mice	14/01/2012	20/03/2015
3	Ashok kumar Jangir	Chemopreventive action of AloeVera against radiation and cadmium induced alterations in the Jejunum of Swiss Albino Mice	14/01/2012	15/9/2017
4	Shikha Ojha	Protective role of AloeVera against radiation and cadmium induced changes in the kidney of Swiss Albino Mice	26/02/2012	30/9/15
5	Kamal Kumar Nayak	Role of protection provided by <i>Emblica Officinalis</i> linn.against radiation and lead induced changes in the brain of Swiss Albino Mice	24/4/2012	3/4/2017
6	Purkha Ram	Modification of radiation and cadmium induced changes in the testis of Swiss Albino Mice by Aloe Vera	19/11/2012	29/12/2017
6	Manisha Prajapat	Modulatory effect of <i>Moringa Olifera</i> against radiation and mercury induced hematological changes in Mice	29/1/18	
7	Arti	Modification of radiation and cadmium induced changes in the Jejunum of Swiss Albino Mice by <i>Moringa Olifera</i>	20/12/18	

Government Dungar College, Bikaner

Faculty Profile

1. Details of research papers in the Journals notified on UGC website during the last five years:

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISS N number
Therapeutic potential of <i>Aloe Vera</i> against radiation and cadmium induced changes in the brain, kidney and liver of Swiss Albino Mice	R.K.Purohit, Sharvanlal Bhati, Om Kanwar, Manisha Agarwal, Aruna Chakrawarti and Dinesh Meena	Radiation Biology Lab. Department of Zoology GDCB	World Journal of Pharmacy and Pharmaceutical Sciences.3 (7):608-616.	2014	2278-4357
Ameliorative effect of <i>Embllica Officinalis</i> in radiation and cadmium induced alteration in Mice liver.	BhatiSL, Ranga, D, MeenaDC, Agarwal M, ChakrawartiA, Purohit RK	Radiation Biology Lab. Department of Zoology GDCB	World Journal of pharmaceutical Research3(10):846-863	2014	2277-7105
Radiation and cadmium induced testicular injury and its Amelioration by Aloe vera extract.	R.K.Purohit, S.L.Bhati, Purkha Ram, R.isran, M.Agarwal and A.Chakrawarti	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	IJPBS 6(2): (B) 821-829	2015	0975-6299
Radioprotective potential of Aloe vera against radiation and cadmium mediated alterations in differential leucocyte count of Swiss albino mice	S.Seengariya, V.Songara, M.Agarwal, A.Chakrawarti and R.K.Purohit	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	International J of Advanced Research 3 (7):1493-1503.	2015	2320-5407

Protective efficacy of <i>Emblica</i> against radiation and cadmium induced changes in alkaline phosphatase activity in the brain of Swiss albino mice.	P.K.Joshi, R.K.Purohit,A.Chakrawarti and M.Agarwal	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	. WJPPS 4 (5):694-707	2015	2278-4357
Modulation of radiation and cadmium induced changes in the hepatic nucleic acid content of mice by <i>Emblica officinalis</i> (Amla)	Bhati SL, Agarwal M, Chakrawarti, A and Purohit RK	Radiation Biology Lab. Department of Zoology GDCB	International journal of scientific and engineering research 6 (7):1475-1484	2015	2229-5518
Effect of gamma radiation and lead on total erythrocyte count(TEC) and haemoglobin of mice and its modification by <i>Emblica officinalis</i> Linn.	Venkateshwar Songara, Seema Singariya, Manisha Agarwal, Aruna Chakrawarti, RK Purohit	Radiation Biology Lab. Department of Zoology GDCB	World Journal of Pharmaceutical Research 4(8):2104-2118	2015	2277-7105

Government Dungar College, Bikaner

Faculty Profile

Histology as Biomarkers: in mouse brain treated with radiation cadmium and therapeutic agent (<i>Aloe vera</i>)	Aruna Chakrawarti, Om Kanwar, Pyare Lal, Manisha Agarwal, RK Purohit	Radiation Biology Lab. Department of Zoology GDCB	International journal of Pharmaceutical research and Bio-science 4 (1):123-135	2015	2277-8713
Role of protection provided by <i>Embllica officinalis</i> Linn. Against radiation and lead induced histological changes in the jejunum of Swiss albino mice	RK Purohit, Aruna Chakrawarti, Manisha Agarwal, Ashok Jangir, Purkha Ram, Pyare Lal, Kamal Kumar Nayak	Radiation Biology Lab. Department of Zoology GDCB	International Journal of Ayurveda and Pharma Research 3 (11):1-7	2015	2322-0910(O) 2322-0902
Protective efficacy of <i>Embllica</i> against radiation and cadmium induced changes in alkaline phosphatase activity in the brain of Swiss albino mice	Pankaj Kumar Joshi, Rajendra Kumar Purohit, Aruna Chakrawarti, Manisha Agarwal	Radiation Biology Lab. Department of Zoology GDCB	World Journal of Pharmacy and Pharmaceutical Sciences 4(5): 694-707	2015	2278-4357
Chemopreventive action of <i>Embllica officinalis</i> against radiation and cadmium induced hepatic lesions in Swiss albino mice	SL Bhati, M Agarwal, A Chakrawarti, RK Purohit	Radiation Biology Lab. Department of Zoology GDCB	International Journal of Pharmaceutical sciences and Research 7(1):370-376	2016	2320-5148
Modulatory influence of <i>Aloe vera</i> against radiation and cadmium induced quantitative changes in the testicular cells	Purkha Ram, Aruna Chakrawarti, Manisha Agarwal, RK Purohit	Radiation Biology Lab. Department of Zoology GDCB	World Journal of Pharmaceutical Research 6(13):996-1013	2017	2277-7105

Government Dungar College, Bikaner

Faculty Profile

of mice					
Chemopreventive effect of <i>Liv.52</i> against radiation and cadmium induced hepatic biochemical alterations in mice	Urmila Khatri RK Purohit, Mamta Jain, Aruna Chakrawarti, Manisha Agarwal	Radiation Biology Lab. Department of Zoology GDCB	Periodic Research5(4): 31-38	2017	2231-0045(P) 2349-9435
Mitigation of radiation and mercury induced renal biochemical changes in mice	Aruna Chakrawarti, Sangeeta vyas, Jayshree Banot, Manoj kumar Bana ,Manisha Agarwal and RK Purohit	Radiation Biology Lab. Department of Zoology GDCB	European Journal of Biomedical and Pharmaceutical Sciences 4 (9): 875-880	2017	2349-8870
Protective influence of <i>Moringa olifera</i> against radiation and mercury induced hepato-toxicity in mice	Purohit RK, Banot J, Parihar N, Vyas S, Bana MK, Meena BM ,Agarwal M and Chakrawarti A	Radiation Biology Lab. Department of Zoology GDCB	International Journal of Biology pharmacy and Allied Sciences 6(8):1589-1604	2017	2277-4998
Amelioration of mercuric chloride and radiation induced histopathology in mice by <i>Moringa oleifera</i>	Jayshree Banot, RK Purohit, Manoj Kumar Bana, Manisha Agarwal And Aruna Chakrawarti	Radiation Biology Lab. Department of Zoology GDCB	European Journal of Pharmaceutical and Medical Research 4(8): 741-747	2017	2394-3211
Enteroprotective action of <i>Moringa oleifera</i> against radiation and mercury induced biochemical changes in mice	RK Purohit, Indu Bala, Himani Bhati, Shefali Sobti, Arti, Birbal Ram, Aruna Chakrawarti and Manisha Agarwal	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	WJPPS 9(6):1042-1062	2020	2278-4357
Protective efficacy of <i>Moringa oleifera</i> against radiation and mercury induced biochemical changes in the testis of mice.	RK Purohit, Indu Bala, Himani Bhati, Shefali Sobti, Pooja Rani, Arti, Birbal Ram, Aruna Chakrawarti and Manisha Agarwal	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	Uttar Pradesh Journal of Zoology 41 (21):29-39	2020	0256-971X(P)
Corona Some Facts	Aruna Chakrawarti	Radiation Biology Laboratory, Dept. of Zoology, Govt.	International Webinar on Global Environmental	2020	

		Bikaner	diversity Principles of Guru Jambheshwarji & Remedies 3 rd - 5 th June		
Bioinformatic Studies Waste Plastic Management as Renewable Energy	Aruna Chakrawarti	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	International e- Conference on Bio- Electronics & Informatics in Present Scenario 26th -27 th June	2020	
Pandemic Environment and Biodiversity	Aruna Chakrawarti	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	International Webinar on Recent Pandemics, Environmental Consequences, Interrelationship and solutions in Jambhani Philosophy Guru Jambheshwar Environment Conservation Research Chair, JNVU, Jodhpur	June 4-5, 2021	
Pandemic and Biodiversity	Aruna Chakrawarti	Radiation Biology Laboratory, Dept. of Zoology, Govt. Dungar College, Bikaner	National E-Seminar Environment Decay and Ecosystem Restoration “Present Scenario Amid Pandemic” Department of Botany and Zoology, Dominant College of Education, Dausa (Rajasthan)	June 5, 2021	

Se. no.	Title of Webinar	Date	Organized by
1.	Webinar on Impact of Pesticides of Human Being	May 25, 2020	Career College, Bhopal
2.	National Webinar on Human, Health and Herbs-3H	May 30, 2020	Mahila Vidyalaya Degree College, Aminabad, Lucknow
3.	International Webinar on Global Environmental Challenges, Bio- diversity, Principles of Guru Jambheshwar ji and Remedies	June 3-5, 2020	Guru Jambheshwar Paryavaran Sanrakshan Shodhpeeth Jai Narayan Vyas University, Jodhpur and Jambhani Sahitya Akademi, Jodhpur
4.	National Webinar on Environment and Ecosystem in the existing COVID-19 Era	June 4, 2020	Department of Zoology Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi Tamil Nadu-626124

5.	International Webinar- Health Perspectives in 2020	June7,2020	Department of Zoology Govt. College for Women Lakhan Majra, Rohtak, Haryana (MD University, Rohtak)
6.	International Webinar Pandemic Era of Covid- 19: Where we stand? Where to Go?	June 9-10, 2020	Department of Zoology DDU , Gorakhpur University, Gorakhpur
7.	National Webinar on “Gender equality, Women Empowerment and women’s Right”	June 11, 2020	Vishwavidyalaya engineering College Lakhanpur. A Constituent college of Chhattisgarh swami vivekanand Technical University, Bhilai (CG)
8.	Webinar on “yoga for wellbeing and mental	June 23, 2020	Internal quality assurance

	health”		cell Govt. Dungar college, Bikaner
9.	Online training session and webinar on “Use of Information Technologies in Govt. Colleges of Rajasthan”	June 24, 2020	Internal quality assurance cell Govt. Dungar college, Bikaner Rajasthan
10.	Webinar on “ Education in India: Challenges and Perspectives”	June25, 2020	Internal quality assurance cell Govt. Dungar college, Bikaner Rajasthan
11.	International Webinar on “Covid- 19: Chaos to Cure”	June 26, 2020	Internal quality assurance cell Govt. Dungar college, Bikaner Rajasthan
12.	International e-Conference on ‘ Bio-electronics & Informatics in Present Scenario”	June 26-27, 2020	Department of electronics and communication engineering Shobhit Institute of Eengineering and technology, Meerut. India
13.	Webinar on “Role of College Faculty as Teacher, Researcher and Administrator”	June 27, 2020	Internal quality assurance cell Govt. Dungar college, Bikaner Rajasthan
14.	International Webinar on Impact of Covid-19 on the Public Health and Global Economy	June 28, 2020	Laboratory of Public Health Entomology, Department of Zoology, University College of Science, Mohan Lal Sukhadia University, Udaipur (Raj)
15.	National webinar on “ Integrated Strategies for Biodiversity and Ecological Restoration”	August 25-26, 2020	Department of Zoology, Samrat Prithviraj Chauhan Govt. college, Ajmer
16.	Online National level Workshop on “ Virtual tour to advanced Instrumentation and Dissections in Modern Zoology”	August 28-29, 2020	Department of Zoology Vinayak Rao Patil Mahavidyalaya , Vaijapur- Pune
17.	International webinar on “ Role of Teacher in Nation	September 8, 2020	S D Govt.College, Beawar

	Building”		Direction of UGC, New Delhi with collaboration of department of college education govt. of Raj. Under aegis of IQAC on the occasion of Teachers day.
18.	National webinar “Covid-19 : Health issues and opportunities in the current scenario”	September 14, 2020	Govt. college Rajgarh (Alwar) Rajasthan.
19.	One day virtual Conference on covid-19 Pandemic : Yesterday, Today and Tomorrow	September 14, 2020	Sakura Science Forum, NITTE, India and University of Miyazaki, Japan
20.	12 th IFSDAA International Webinar Trends in Technology for Agriculture, Food, Nutrition, Environment and health	October 2, 2020	JAGAN NATH University, NCR, Haryana
21.	National Wildlife Week-2020 Week-Long Lecture Series	October 2 nd -8 th , 2020	Centre for Biodiversity and Conservation Studies Osmania University, Hyderabad
22.	Webinar on NAAC Quality Enhancement Techniques	October 10 th , 2020	IQAC Cell, Seth GB Podar College, Nawalgarh, Jhunjhunu Rajasthan, India
23.	International Webinar on Radiation Biology Radiation Treatment for Covid-19	October 12 th 2020	Department of Zoology Govt. Dungar College, Bikaner
24.	International Webinar “Plant Based Protein By 2025/ 2050”	October 16 th 2020	Amity Institute of Biotechnology & Amity Institute of Integrative Sciences and Health, Haryana
25	One Day National Webinar – Mahila Suraksha Ek Vimarsh	October 31 st , 2020	NSS Govt. Dungar College, Bikaner (Rajasthan)
26.	National Webinar on Life Sciences Recent Advances in Life Sciences	November 4 th , 2020	Department of Zoology, Govt. Dungar College, Bikaner
27.	International conference cum Buyers Sellers Meet for medicinal plants used in lifestyle products	8 to 10 February, 2021	Jadavpur University, Kolkata-700032

28.	Awareness Programme on “Tobacco Threatens us All”	May 2021	Shri Neelkantheshwar Government PG College, Khandwa (M.P.)
29.	International Webinar “Molecular Detection of Pathological changes”	7-8 May, 2021	Department of Zoology, Centre for Advanced Studies, University of Rajasthan, Jaipur
30.	Workshop on “Awareness about Snakes”	10 th May, 2021	Department of Zoology, Career College, Bhopal
31.	One Day National Webinar on “The Critical Role of Biodiversity in Sustainable development”	20 th May, 2021	Punjab Biodiversity Board, Chandigarh Shanti Devi Arya Mahila College, Dinanagar Dist. Gurdaspur, Punjab
32.	International Webinar On International Day for Biological Diversity	22 nd May. 2021	Wildlife Research and Conservation Awareness Centre, JNVU Jodhpur, Rajasthan & Department of Zoology, Seth G.B. Podar College, Nawalgarh, Jhunjhunu, Rajasthan
33.	Webinar on International Day For Biological Diversity “We ‘re Part of the Solution# for Nature”	22 May, 2021	Department of Zoology, Dominant College of Education, Dausa (Rajasthan)
34.	International Webinar on Recent Pandemics, Environmental Consequences, Inter- relationship and solutions in Jambhani Philosophy on the occasion of World Environment Day	4-5 June, 2021	Guru Jambheshwar Environment Conservation Research chair, JNVU, Jodhpur (Rajasthan)
35.	International Webinar “Ecosystem Restoration through Sustainable Biodiversity”	5 th June, 2021	Department of Zoology and Biotechnology in collaboration with: ESW Society, Khajuraho Govt. Girls PG College, Ujjain (M.P.)
36.	National E-Seminar on “Environment Decay and Ecosystem Restoration: Present Scenario Amid Pandemic”	5 th June, 2021 World Environment Day	Department of Botany and Zoology, Dominant College of Education, Dausa (Rajasthan)
37.	International Webinar on Current Challenges and Future Prospects in Microbiology	June 15, 2021	Department of Microbiology, Maharaja Ganga Singh University, Bikaner & Microbiologist society, India
38.	Webinar on Characterization of Vaccine delivery systems using DLS and Zeta Potential Measurements	June 18, 2021	Anton Paar Characterization Division, Anton Paar India Pvt. Ltd.

39.	National webinar on Covid-19 Epidemiological and scientific perspectives”	June 19, 2021	PG & Research Department of Zoology, Pachaiyappa’s College, Chennai-600030
40.	Virtually in the International Webinar on Nature & Human Interrelationship wrt Ecological Restoration International Consortium for Nature Conservation (ICNC)	June 26, 2021	Department of Zoology, Sanatan Dharm Govt. college, Beawar& Agrawal Kanya Mahavidyalaya Gangapur City in Rajasthan, India