

## PROFILE

**Name:** Professor (Mrs.) FATIMA SULTANA

**Designation:** Principal, Government College, Antah.

**Phone No:** 09413405786

**Employee ID:** RJKO198827001645

**Email:** [jdbfatimasultana@gmail.com](mailto:jdbfatimasultana@gmail.com)

**Date of Joining:** 12 Nov 1988



### **Educational Qualifications:**

**M. Sc Zoology (Specialization Fish Biology) 1988**

**Ph. D.:** 2007 titled 'A study of the Faunal Diversity of Darrah Wildlife Sanctuary of Hadoti Region in Rajasthan'.

**SLET Qualified, 2013**

**Career Profile:** 34 years of Teaching experience in UG and PG.

**Area of Interest:** Environment and Wildlife Conservation.

**Subjects Taught:** Zoology, Fish Biology, Biotechnology, Life Science and Wildlife Science.

### **Research Project:**

- **Major Project completed and submitted in 2012**, sanctioned by UGC, New Delhi, "Ecology and Biodiversity of Sloth bear (*Melursus ursinus*) inhabiting Darrah sanctuary".

### **Exclusive Work:**

Submission of the **Critical Tiger Habitat** report of Ramgarh Vishdhari Wildlife Sanctuary to State Government, Wildlife Division, Jaipur, Rajasthan. The Report was the base for the notification for the declaration of **Ramgarh Vishdhari Tiger Reserve, Bundi** on 30 May 2022.

**Data analysis and Technical expertise** is being provided to Ramgarh Vishdhari Tiger Reserve, Bundi, Rajasthan, in preparation of **Indicative draft of Tiger Conservation Plan for Ramgarh Vishdhari Tiger Reserve, Bundi, Rajasthan.**

Submission of Report on **Critical Tiger Habitat** on 17-2-2012 to State Govt. Wildlife Division, Jaipur, Rajasthan. The Report was the base for the declaration of **Mukundarra Hills Tiger Reserve on 9-4-13 by State Government of Rajasthan.**

**Data analysis and Technical expertise** is being provided to Wildlife Division, Kota, Rajasthan, in preparation of **Indicative draft of Tiger Conservation Plan for Mukundara Hills Tiger Reserve, Kota, Rajasthan.**

**Technical expertise as ecologist** being provided and Report submitted to State Govt. Wildlife Division on Management Action Plan of National Chambal Sanctuary.

**Member of Local Advisory Committee of Mukundara Hills Tiger Reserve, Kota, Rajasthan,** for three years till Feb 2022.

**IUCN Sloth Bear Expert Member of International Bear Association, USA**

### **Representation Abroad**

- Presented a Research Paper entitled – **“Occupancy and Habitat Use of Sloth Bear (*Melursus ursinus*) in Mukundra Hills Tiger Reserve, Rajasthan, India”**, at the 23rd International Conference on Bear Research and Management (IBA-2014), held from 5th to 11th of Oct, 2014 at Thessaloniki, Greece. And Chaired a session: Bear Activity and Bear Immobilization
- Attended the 5th International Wildlife Management Congress at Sapporo, Japan from 26th to 30th July, 2015 to present a Research Paper entitled **“Biodiversity Assessment of factors affecting the Management of Wetland Riverine System of National Chambal Sanctuary in Rajasthan, India”** and **‘Mukundara Hills Tiger Reserve: Sustainability of Re-Introducing Tiger’** and Chaired a session on Wildlife Habitat Management on 27th July in Japan.

### **Awards and Distinction**

- **Appreciation Award on 15 Aug 2022**, awarded for submitting the report on Critical Tiger Habitat of Ramgarh Vishdhari Tiger Reserve, Bundi.
- **Women Scientist Award 2022**, awarded by **Minister of State, Government of Rajasthan and Mrs. Mugdha Sinha, Secretary, Department of Science & Technology, Rajasthan** on the occasion of International Women’s Day, for commendable contribution in the field of Science & Technology, on 15<sup>th</sup> March, 2022
- **Received State Level Teachers Award 2020 on 24 Feb 2021**: Department of College Education, Jaipur, Rajasthan, has awarded for excellence in contribution of Academic, Research, Social Work and other contributions like Conservation of Forest, Wildlife and Environment.
- **Appreciation Award on 26 Jan 2017 by Minister of Forest and Environment, Govt. of Rajasthan and District Collector, Kota** for Excellence in Conservation of Environment, Forest and Wildlife in Hadotti Region

- **Appreciation Award on 15 Aug 2009 by Minister of Tourism, Woman and Child Development, Govt. of Rajasthan and Collector, Kota** for excellent work in the field of Environment and Wildlife Research, Study, Protection and Conservation of National and International level.
- **Van Vistarak** Award for excellence in the field of Forest awareness programmes and tree plantation programmes by Dept. of Forest, Kota. Govt. of Rajasthan for 2011.
- **Appreciation Certificate** for specific contribution in the field of Wildlife, since 2004 every year till date, Wildlife Division, Kota.
- **Appreciation Certificate** on Earth Day for specific contribution in Conservation Programmes, Forest Department.
- **Appreciation Certificate** on 13-08-2020 by Dr. G. V. Reddy, Principal Chief Conservator of Forest, Jaipur for contribution in conserving wildlife in Rajasthan.
- **Appreciation Certificate** on 29-10-13 by Sh. U. M. Sahay, Principal Chief Conservator of Forest, Jaipur for contribution in conserving wildlife in Rajasthan.
- **Certificate of Excellence in Teaching Award** for Research and Teaching by Modi Group of Educational Institutes and Dainik Bhaskar, Kota, 1 Sep 2019
- **Certificate of Recognition** for Excellence in Teaching Award for Research and Teaching by Roa Institute and Dainik Bhaskar, Kota, 1 Sep 2015.

#### **International Conference participated:**

1. **Vth International Wildlife Management Congress, in Sapparo, JAPAN, 26-30 July 2015**
2. **23<sup>rd</sup> International Conference on Bear Research and Management** in Thessaloniki, **GREECE**, 5-11<sup>th</sup> October, 2014
3. **21<sup>st</sup> International Conference on Bear Research and Management, New Delhi, 26-30 November 2012.**
4. **7<sup>th</sup> International Science Congress (ISC-2017) Conference, Bhutan, Socio Economic Survey of Villages in Core Area of Mukandhra Hills Tiger Reserve, Kota, Rajasthan**
5. **7<sup>th</sup> International Science Congress (ISC-2017) Conference, Bhutan, Eco-Tourism in Mukandhra Hills Tiger Reserve: A Refreshing Journey through a Highly Diversified Hadoti Region**

#### **International/National Conference Organized:**

- **Organized International E- Conference on 19-20 Nov, 2020, on “Management of Forest and Wildlife under Changing Climate Scenario”** in collaboration with National Museum of Natural History, Ministry of Environment, Forest and Climate Change, New Delhi. 651 delegates participated from all over the world, USA, Australia, Canada & India.
- **Organized National Conference on “Environmental Health Hazards-2009”, Sponsored by UGC, New Delhi, 17-18 Dec’ 2009, J.D.B. Govt. Girls College, Kota.**

400 delegates had participated and 200 research papers were published in the Proceedings of the conference.

## **RESEARCH GUIDANCE:**

### **Supervision of Doctoral Thesis:**

#### **AWARDED**

1. **Ms. Shiba Khan:** STUDIES ON SYMPATRIC HERBIVORES (SAMBAR, CHITAL, AND NILGAI) WITH SPECIAL REFERENCE TO CONSERVATION STRATEGIES IN DARRAH SANCTUARY, RAJASTHAN, INDIA.
2. **Ms. Nitu Singh:** PHYSICOCHEMICAL ANALYSIS OF GROUND WATER AND SURFACE WATER IN KOTA REGION
3. **Ms. Rachana Jadon:** PHYSICOCHEMICAL ANALYSIS OF GROUND WATER AND SURFACE WATER IN BUNDI REGION

#### **ONGOING**

4. **Ms. Mansi Rathore:** STUDY ON FEEDING AND BREEDING BEHAVIOUR OF INDIAN ROBIN IN BIKANER REGION, RAJASTHAN
5. **Ms. Ruksar Bano:** STUDY ON STATUS, DISTRIBUTION & OCCUPANCY OF STRIPED HYAENA (*HYAENA HYAENA*) IN MUKUNDARA HILLS TIGER RESERVE, KOTA, RAJASTHAN
6. **Mrs. Renu Meena:** STUDY ON FEEDING AND BREEDING BEHAVIOUR OF *ALEXANDRA PARAKEET* IN JHALAWAR REGION, RAJASTHAN.
7. **Mr. Ramkesh Meena:** STUDIES ON PLANKTONIC DIVERSITY AND PRODUCTIVITY OF GOSUNDA DAM, CHITTORGARH, RAJASTHAN (INDIA)
8. **Ms Taruna Patidar:** DIVERSITY OF VULTURE IN JHALAWAR REGION

### **Supervision of M.Phil Dissertation awarded:**

1. **Mrs. Jyothi Garg;** Study of Faunal Diversity of Fish and Impact of Pollution in Chambal River (2010).

### **Supervision of M. Sc. Dissertation awarded:**

- **Ms. Urvashi Sharma (2013)** Conservation and management of fresh water Turtles at Sarnath Turtle Sanctuary, Banaras (Uttar Pradesh).
- **Ms. Laxmi Gupta (2013)** Examining the extent of Human-Wildlife Conflict and compensation of damage caused by Wild animals in and around Ranthambhore Tiger Reserve for last 10 years.
- **Mr. Manoj Sen (2013)** Assessment of ophiofauna in unprotected area of Sirohi and Kota region, Rajasthan, India.

- **Mr. Rudrarishi Sharma (2014)** Comparative Assessment of prey abundance, Human wildlife conflict and Forest Management in Sariska Tiger Reserve, Alwar and Mukundara Hills Tiger Reserve, Kota, Rajasthan.
- **Mr. Vibhor Sharma (2014)** Population Density of striped hyena (*Hyaena hyaena*) in Mukundara Hills Tiger Reserve, Kota, Rajasthan.
- **Ms. Agatha Momin (2016)** Assessment of Human- Elephant *Elephas maximus* Conflict in Golaghat District, Assam
- **Mr. Mohd. Ali (2016)** Socio Economic Survey of Villages in Core Area of Mukundara Hills Tiger Reserve, Kota, Rajasthan
- **Mr. Dhruv Bhardwaj (2016)** Population status of Monkey species and their menace in Northern region of Kota city, Rajasthan

#### **Supervision of Case Study in M.Sc:**

1. **Ms. Ankita, Ms. Renu Choudhary and Ms. Kritika Sharma;** Study on Impact of Anthropogenic pressures on the Structure and Composition of Vegetation in Ramgarh Vishdhari Wildlife Sanctuary, Bundi (2011).
2. **Mr. Deepankar Nirmal, Mr. Girish Gupta and Mr. Arshad Iftar;** To Study the Density of Large Mammals and Vegetation Characterization in Ramgarh Vishdhari Wildlife Sanctuary, Bundi (2011).
3. **Mr. Heeralal Mahavar, Mr. Pankaj Verma, Mr. Raj Kumar Choudhary and Mr. Akshay Parashar;** To Study the Potential Possibility of a Viable Corridor Between Ranthambhor Tiger Reserve and Ramgarh Vishdhari Wildlife Sanctuary, Bundi (2011).
4. **Mr. Ayan Sasmal and Mr. Harimohan Meena;** To Assess the Impact of Human disturbance on Gharials (*Gavialis gangeticus*) and Mugger (*Crocodylus palustris*) in National Chambal Sanctuary, Kota, Rajasthan (2012).
5. **Mr. Ayan Sasmal;** Assessment of Water Quality and Pollution status of Chandrasel River, Kota, Rajasthan (2012).
6. **Mr. Santosh Bhattaria:** Bio-estimation of prey species in Buffer zone of Mukundara Hills Tiger Reserve (2013) using Distance Sampling.
7. **Mr. Santosh, Mr. Chetan and Ms Prerna (2014)** Carnivore sign occupancy and prey species in Mukundara Tiger Reserve.
8. **Ritesh Viswakarma et al (2015)** Aquatic faunal study in National Chambal Sanctuary with emphasis on Gharial, Mugger and Turtles.

9. **Agatha C. Momin et al (2016)** Sariska Tiger Reserve with special reference to reintroduction of Tigers in Sariska and Radio-telemetry.
10. **Khusboo Yadav et al (2019)** Avifaunal Survey and Water Analysis of Ummedganj Pakshi Vihar, Kota, Rajasthan.

**Conference/Seminar/Workshop/Training Organized:**

1. Extension lecture by Dr. Whitaker, Crocodile Bank, Chennai, on '**Crocodile Biology and Human Conflict in Rajasthan**', 13 Aug 2009, at J.D.B. Govt. Girls PG College, Kota.
2. National Conference on "**Environmental Health Hazards-2009**", Sponsored by UGC, New Delhi, 17-18 Dec' 2009, J.D.B. Govt. Girls PG College, Kota.
3. Seminar on **Study and Identification of Wild Animals**, 26 Dec, 2008, J.D.B. Govt. Girls PG College, Kota.
4. Workshop on '**Biodiversity Conservation**, 1-3 Oct, 2010, sponsored by Department of Science and Technology, Kota at J.D.B. Govt. Girls PG College, Kota.
5. Workshop on '**Tools and Techniques in Wildlife**' 14-15 Nov, 2010, sponsored by Department of Science and Technology, Kota at Auditorium, Regional Office of DST, Kota.
6. Workshop on **International Ozone Day**, 17 September 2011, sponsored by Forest Division, Kota at J.D.B. Govt. Girls PG College, Kota.
7. National Science Day, '**Chemistry in Our Lives**', 28 Feb 2011, sponsored by Govt. of Rajasthan, DST, Regional office, Kota at J.D.B. Govt. Girls PG College, Kota.
8. **Workshop on International Vulture Awareness Day**, 1-2 Sep 2012, sponsored by Zoo-Outreach Organisation, Coimbatore, Department of Science and Technology, Kota and University of Kota, Kota.
9. **Workshop on Sloth Bear (*Melursus ursinus*) Conservation Action Plan**, 17 Oct 2012 in J.D.B. Govt. Girls PG College, Kota.
10. **Training Workshop on 'Survey Techniques of Wetland Animals' to Staff of National Chambal Sanctuary, MHTR, Bundi and Sawaimadhopur, 2 Feb 2013, Kota.**
11. **Annual Research Seminar (2013)** in J. D. B. Govt. Girls College and University of Kota.
12. **VAN MAHOTSAV** at University of Kota Campus (**11 September, 2013**)

13. **Wildlife Week 1-7 October 2013** in collaboration of **Zoo-Outreach Organisation, Coimbatore, Wildlife Division, Kota** at J. D. B. Govt. Girls College.
14. **ANNUAL RESEARCH SEMINAR**, in University of Kota, Kota (**11-12 September, 2013**).
15. **NATIONAL CONFERENCE ON “BIODIVERSITY CONSERVATION”** organised by IIS University, Jaipur (**27-28 September, 2013**)
16. **CENSUS TRAINING PROGRAMME** for tiger monitoring, organised by Forest Division Kota in Mukundra Hills Tiger Reserve in collaboration of Wildlife Science Department, University of Kota (**2-8 December, 2013**)
17. **WORKSHOP FOR TOOLS AND TECHNIQUE IN WILDLIFE**, organised by Wildlife Science Department, University of Kota in collaboration of Mukundra Hills Tiger Reserve, Kota (**13-14 December, 2013**)
18. **TRAINING AND CENSUS PROGRAMME ON “GHARIYAL, CROCODILE, TURTLES AT NATIONAL CHAMBAL GHARIYAL SANCTUARY”** organised by Department of Wildlife Science, University of Kota in joint collaboration of Wildlife Division Kota and Sawai Madhopur (**29 January - 3 February, 2014**)
19. **One Week Training Course on ‘Use of GPS and Open Source QGIS in Wildlife Management’** 4-9 August 2014 in Department of Wildlife Science, University of Kota.
20. **Sign Survey, Line Transect & Camera Trap Technique Training in Mukundara Hills Tiger Reserve**, 28 April- 5 May 2015, Department of Wildlife Science, University of Kota, Kota.
21. **Radio-Telemetry Technique Training, in Sariska, Alwar**, 14-15 December, Department of Wildlife Science, University of Kota, Kota.
22. **Training Course on “Remote Sensing and GIS”** 5-17 Oct 2015 in Department of Wildlife Science, University of Kota, Kota.
23. **Workshop on “Population Ecology and Wildlife Forensics”** 2-8 May 2016 in Department of Wildlife Science, University of Kota, Kota.
24. **Workshop on “Sexual Harassment of Women at Workplace”** on 18 Jan 2019 in J. D. B. Govt. Girls College, Kota.
25. **Seminar on “Role of Community Participation in Wildlife”** on 25 April 2019 in Department of Zoology, J. D. B. Govt. Girls College, Kota.
26. **Webinar on “Sonotaxonomy: Basics to Wildlife Acoustics”** on 20 June 2020 in Department of Zoology, J. D. B. Govt. Girls College, Kota.

27. **Webinar on “Global Tiger Day” on 29 July 2020** in Department of Zoology, J. D. B. Govt. Girls College, Kota in collaboration with WWF-India, Sawaimadhopur.
28. **Webinar on “Global Tiger Day” on 29 July 2021** in Department of Zoology, J. D. B. Govt. Girls College, Kota in collaboration of WWF India, New Delhi.
29. **Seminar on ‘Tiger Monitoring and Conservation Strategies in India’ on 30 July 2022** in Department of Zoology, J. D. B. Govt. Girls College, Kota, Rajasthan in collaboration with WWF-India, Kota, Rajasthan.
30. **Co-ordinated 18 IIRS- Outreach Programs organized by Indian Space Research Organization, Dehradun, India**
  1. Overview of Planetary Geosciences with special Emphasis to the Moon and Mars, June 08-12-06-2020
  2. Health GIS: Geoinformatics for COVID 19, June 15-19, 2020
  3. Satellite Photogrammetry & its Application, June 29- July 3, 2020
  4. Application of Geoinformatics in Ecological Studies, July 13-24, 2020
  5. Geospatial Inputs for Enabling Master Plan Formulation, July 27-31, 2020
  6. Remote Sensing Applications in Agricultural Water Management, 3 Aug- 07 Aug, 2020
  7. Remote Sensing and Digital Image Analysis, 17 Aug- 11 Sep, 2020
  8. Basics of Remote Sensing Geographical Information System & Global Navigation Satellite System, 17 Aug- 20 Nov, 2020
  9. RS & GIS Applications, 2 Nov – 20 Nov 2020.
  10. Geographical Information System, 28 Sep – 15 Oct 2020.
  11. Understanding of Coastal Ocean Processes using Remote Sensing and Numerical Modelling, 21 Sep – 25 Sep 2020.
  12. Global Navigation Satellite System, 14 Sep – 25 Sep, 2020.
  13. Remote Sensing of Land Degradation
  14. Advances in SAR-Polarimetry & Interferometry, 14 Dec – 18 Dec 2020.
  15. Basics of Geocomputation and Geoweb services, 19 Oct – 29 Oct 2020.
  16. Geoinformatics for Disaster management, 5 April – 16 April, 2021.
  17. GIS for supply Chain Management, 26 April – 30 April, 2021.
  18. Geospatial Technology for Archaeological Studies, 17 May – 21 May, 2021.



## PUBLICATIONS PROFILE

### Books with ISBN with details of publishers: 05

S. No.	Title of the Books	Name of Authors	Name of the Publisher	Year	ISBN
1	Animal diversity	A.L. Bhatia, P. K. Salodia, Anuradha Singh, Fatima Sultana	R. B. D. Publication, Jaipur, New Delhi	2007	ISBN 81-8142-388-7
2	Cell Biology, Biochemistry & Microscopy	A.L. Bhatia, P. K. Salodia, Anuradha Singh, Fatima Sultana	R. B. D. Publication, Jaipur, New Delhi	2007	ISBN 81-8142-388-7
3	Genetics & Biotechnology	A.L. Bhatia, P. K. Salodia, Anuradha Singh, Fatima Sultana	R. B. D. Publication, Jaipur, New Delhi	2007	ISBN 81-8142-388-7
4	Environmental Issues and Policies in India	Fatima Sultana	Environmental Issues and Policies in India	2020	ISBN 978-620-3-19398-5
5	Ecology and Biodiversity of Sloth Bear	Fatima Sultana	Lambert Academic Publishing House	2020	ISBN 978-620-3-19398-5

### ❖ Number of papers published in peer reviewed journals (National / International):

S. No.	Title of the Paper	Name of all Authors	Name of the Journal	ISSN	Year
1.	Human Impacts on the Biodiversity of Darrah Wildlife Sanctuary. 1-13 pp	<b>Sultana F</b>	The International Journal of Climate change: Impacts and Responses, Common Ground Publisher, Geneva, Australia.	ISSN: 1835-7156, Issue 3; Vol 3	2009
2.	To assess the impact of Human disturbance on Gharials ( <i>Gavialis gangeticus</i> ) and Mugger ( <i>Crocodyles palustris</i> ) in National Chambal Sanctuary (NCS)	<b>Sultana F.</b> , Khan S., Sasmal A., Harimohan Meena	Environ. Life Science	ISBN-81-85543	2012
3.	Vultures of Kota, Rajasthan	<b>Sultana F</b>	Zoo's Print	ISSN 0971-6378	2012
4.	Assessment of Water quality and pollution status of Chandralohi River, Kota, Rajasthan	<b>Sultana F.</b> , Khan S	International Journal Pharmacology & Biological Sciences	ISSN-0973-68080	2012

S. No.	Title of the Paper	Name of all Authors	Name of the Journal	ISSN	Year
5.	Study on Impact of Human Pressures on Feeding Ecology of Sloth Bears in Dry Deciduous Forest of Darrah Wildlife Sanctuary	<b>Sultana F.</b> , Reddy. G. V., Khan. S., Sasmal Ayan	Wildlife Trust of India	-	2012
6.	Distribution and population abundance of sloth bears in relation to habitat characteristics in Darrah Wildlife Sanctuary	<b>Sultana F.</b> , Khan S., Sasmal. A.	Environmental Sciences Journal	ISBN-81-85543-11-9	2012
7.	Food availability and feeding ecology of sloth bear ( <i>Melursus ursinus</i> ) in Darrah Wildlife Sanctuary, Kota, Rajasthan, India	<b>Sultana F.</b> , Khan S	Tiger Paper	ISSN 1014-2789	2013
8.	A comparative study of the population density of Sympatric herbivores in Darrah Wildlife Sanctuary Kota, Rajasthan	Khan. S, <b>Sultana F</b>	Flora and Fauna, An International Research Journal of Biological Sciences	ISSN 0971-6920	2014
9.	To estimate the population density of Ungulate by using Distance method in Darrah Wildlife Sanctuary Kota, Rajasthan	Khan. S, <b>Sultana F</b>	Tiger Paper	ISSN 1014-2789	2014
10.	Assessing patterns of human wildlife conflict ecology and perception of local communities towards conflict management in the semi-arid landscape of Western India.	Bhattacharjee S, Gupta L, Shah S, Reddy G. V., <b>Sultana F</b> , Borah J	Mammalia	ISSN 0025-1461	2015
11.	Occupancy and habitat use of Sloth bear ( <i>Melursus ursinus</i> ) in Mukundara Hills Tiger Reserve, Rajasthan, India.	<b>Sultana F</b> , Khan S, Nabi G	Flora and Fauna, An International Research Journal of Biological Sciences	ISSN 0971-6920	2015
12.	Correlation between different Physicochemical parameters of Ground Water and Surface Water in Kota Region, Rajasthan, India	Nitu Singh, Rachana Jadon, <b>Sultana F</b>	National Journal of Research and Innovative Practices	ISSN 2456-1355	2018
13.	Correlation between different Physicochemical parameters of Ground Water and Surface Water in Bundi Region, Rajasthan, India	Rachana Jadon, Nitu Singh, <b>Sultana F</b>	National Journal of Research and Innovative Practices	ISSN 2456-1355	2018
14.	Physicochemical analysis of Ground and Surface water in Kota Region, Rajasthan, India	Nitu Singh, <b>Sultana F</b>	Flora and Fauna, An International Research Journal of Biological Sciences	ISSN 0971-6920	2018
15.	Physicochemical analysis of Ground and Surface water in	Rachana Jadon, <b>Sultana F</b>	Flora and Fauna, An International Research Journal of Biological	ISSN 0971-6920	2018

S. No.	Title of the Paper	Name of all Authors	Name of the Journal	ISSN	Year
	Bundi Region, Rajasthan, India		Sciences		
16.	Food Availability and Feeding Ecology of Sloth Bear ( <i>Melursus ursinus</i> ) in Darrah Wildlife Sanctuary, Kota, Rajasthan, India. 164-172 pp	<b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
17.	Population Status of Monkey Species in Northern Region of Kota City, Rajasthan, India. 929-934 pp	<b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
18.	Food habits of Common Leopard ( <i>Panthera pardus</i> ) through Scat Analysis in Mukundara National Park, Kota, Rajasthan. 521-525 pp	S Khan, <b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
19.	Food habits of sloth bear ( <i>Melursus ursinus</i> ) through scat analysis in Mukundra National Park Kota, Rajasthan.	<b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
20.	Studies on diversity of avifauna, with special reference to conservation of rare and threatened bird species of Soorwal lake wetland, Rajasthan, India.	<b>Sultana F</b> , Susmita Adhikari, Y Khan	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
21.	Comparative Physicochemical Analysis of Ground Water and Surface Water in Kota and Bundi Region of Rajasthan, India.	Nitu Singh, Rachna Jadon, <b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2020
22.	Food availability and dietary composition of Sloth Bear ( <i>Melursus ursinus</i> ) in Mukundara Hills Tiger Reserve, Kota, Rajasthan	S Khan, <b>Sultana F</b>	International Journal of Research and Analytical Reviews (IJRAR)	ISSN 2349-5138	2022

**❖ Published in International Conference proceedings:**

S. No.	Title of the Paper	Name of all Authors	Details of Proceedings	ISSN	Year
1.	Change in Forest Cover of Darrah Wildlife Sanctuary in Between 1972- 1999	Sultana F	World Academy of Science, Engineering and Technology, Open Access Science, Hong Kong, China	ISSN: 2070-3740, Vol 39	2009
2.	Human Impacts on the Biodiversity of Darrah Wildlife Sanctuary.	Sultana F	The International Journal of Climate change: Impacts and Responses, Common Ground Publisher, Geneva,	ISSN: 1835-7156, Issue 3; Vol 3	2009

S. No.	Title of the Paper	Name of all Authors	Details of Proceedings	ISSN	Year
			Australia.		
3.	Study on Impact of Human pressures on feeding ecology of Sloth Bears in Dry Deciduous forests of Darrah Wildlife Sanctuary	Fatima Sultana, G. V. Reddy, Shiba Khan, Ayan Sasmal	21 <sup>st</sup> International Conference on Bear Research and Management, New Delhi		2012
4.	Occupancy and Habitat use of Sloth Bear in Mukundara Hills Tiger Reserve, Rajasthan, India	Sultana F., Khan S	23 <sup>rd</sup> International Conference on Bear Research and Management, Thessaloniki, Greece	ISBN 978-960-7742-49-0	2014
5.	Mukundara Hills Tiger Reserve: Sustainability of Re-Introducing Tiger	Nabi G., Sultana S., Khan S	Vth International Wildlife Management Congress, Sapporo, Japan		2015
6.	Biodiversity Assessment of Factors Affecting the Management of Wetland Riverine System of National Chambal Sanctuary in Rajasthan, India	Sultana F., Nabi G., Reddy G. V.	Vth International Wildlife Management Congress, Sapporo, Japan		2015
7.	Socio Economic Survey of Villages in Core Area of Mukandhra Hills Tiger Reserve, Kota, Rajasthan	Ali Mohd., Sultana F	7 <sup>th</sup> International Science Congress (ISC-2017) Conference, Bhutan	ISBN 978-93-84659-14-1	2017
8.	Eco-Tourism in Mukandhra Hills Tiger Reserve: A Refreshing Journey through a Highly Diversified Hadoti Region	Sultana F., Nabi G	7 <sup>th</sup> International Science Congress (ISC-2017) Conference, Bhutan	ISBN 978-93-84659-14-1	2017

### **Participation/Presentations in Conference / Seminar/ Workshop:**

#### **Participation as Paper/ Poster Presentation (2005 onwards):**

1. Geomorphology of Darrah Wildlife Sanctuary, XXXIII RGA National Conference, Environmental Issues and Sustainable Development, Oct 15-17, 2005, Kota.
2. Udpuria, a community conservation for Painted Stork, National Conference on Environment and Natural Disaster Management, 28-30, 2005, Jaipur.
3. Impact of Anthropogenic Pressures on the Forests and Wildlife of Darrah Wildlife Sanctuary, National Conference on Environmental Pollution and it's Control, 25-26 March 2006, Kota.
4. Entrepreneurship Workshop on 'Entrepreneurial Opportunities in Plant Science, 15-17 Nov 2010, participation at J.D.B. Govt. Girls PG College, Kota.
5. Workshop on Research Methodology, 10-13, Jan 2011, at J.D.B. Govt. Girls PG College, Kota.
6. Workshop on National Chambal Sanctuary, 12-13 Mar 2012, Bharatpur.

7. Presented two papers at 93<sup>rd</sup> ISCA, on An Impact of ....existing wildlife in Darrah sanctuary, and An Introduction to Lesser Known Darrah Wildlife Sanctuary, Acharya Ranga University, Hyderabad, 3-7 Jan 2006
8. Presented paper at 95<sup>th</sup> ISCA, Ethano-medicinal value.... In Hadoti Region, Rajasthan, Andhra Univ. Vishakapatnam, 3-7 Jan 2008
9. Presented paper at International Conference, Chandigarh, 2009.
10. Presented paper at International Conference, Pune, 2009.
11. Presented paper 97<sup>th</sup> Indian Science Congress Association (2010), Thiruvananthapuram. "Overgrazing: A threat to the forest and Wildlife of Darrah Sanctuary".
12. Presented paper98<sup>th</sup> Indian Science Congress Association, Chennai (2011). "Ethno-ecology of tribes inhabiting the Forest of Hadotti Region, Rajasthan".
13. Presented paper98<sup>th</sup> Indian Science Congress Association, Chennai (2011). "Is Road and Rail Network a Boon for Human and Curse for Wildlife?"
14. Study on Impact of Human pressures on feeding ecology of Sloth Bears in Dry Deciduous forests of Darrah Wildlife Sanctuary, presented paper at International Bear Conference at New Delhi, Nov 2012.
15. Prospects of Eco-Tourism and Avian Diversity in National Chambal Sanctuary, 100<sup>th</sup> Indian Science Congress Association at Kolkata, 3-7 Jan 2013.
16. Assessment of water quality and pollution status of Chandralohi River, Kota, Rajasthan (2012).
17. Jorbeer Management Plans for vulture conservation (2012).
18. Diversity of flora and fauna in Mukundara National Park. (2012).
19. Nesting patterns and habits of avifauna in and around Kota city, Rajasthan (2012).
20. Anthropogenic factors influencing the habitat of sloth bear (*Melursus ursinus*) in Darrah Wildlife Sanctuary, Rajasthan (2012).
21. Ecology and habitat study of sloth bear (*Melursus ursinus*) in dry deciduous forests of Darrah Wildlife sanctuary (2012).
22. Possibilities of proposed critical tiger habitat in Kota Region, Rajasthan (2012).
23. Prey encounter and habitat characteristics of Burmese python (*Python molurus bivittatus* Kuhl, 1820) in Community Conserved Forest, Far-west, Nepal.
24. Survey of Gharial and Crocodile in National Chambal Sanctuary, Rajasthan

25. Examining the extent of Human-Wildlife conflict and compensation of damage caused by wild animals in Ranthambhore National Park, India
26. To assess the impact of Human disturbance on Gharials (*Gavialis gangeticus*) and Mugger (*Crocodyles palustris*) in National Chambal Sanctuary (NCS)
27. Presented paper “Tracking of Mammalian Fauna in Nahargarh using Pugmark and Scat identification” National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
28. Assessing the extent of Human-Wildlife conflict incidents in and around Ranthambhore Tiger Reserve, Rajasthan, National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
29. Assessment of Vulture Population in Baran District, Rajasthan National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
30. Assessment of Ophiofauna in Unprotected area of Sirohi Region, Rajasthan, India. National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
31. Status Survey of Gharials (*Gavialis gangeticus*) and Crocodiles (*Crocodyles palustris*) in National Chambal Sanctuary (NCS), Kota, Rajasthan, India National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
32. Current distribution status of Black buck and Socio-Economic status of villages in Sorsan Protected Area Baran, Rajasthan, India. National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.
33. To Estimate the Population Density of Ungulates by Using Distance Sampling in Mukundara Hills National Park, Kota (Rajasthan) National Conference on Biodiversity Conservation: Embracing our Future, Preserving our Past, Indian Science

Congress Association, Jaipur Chapter and DCF Wildlife Jaipur 27-28 September, 2013.

34. **Occupancy and Habitat use of Sloth Bear in Mukundara Hills Tiger Reserve, Rajasthan, India. 23<sup>rd</sup> International Conference on Bear Research and Management, Thessaloniki, Greece, 2014.**
35. **Biodiversity Assessment of factors affecting the Management of Wetland Riverine System of National Chambal Sanctuary in Rajasthan, India and Mukundara Hills Tiger Reserve: Sustainability of Re-Introducing Tiger, 5<sup>th</sup> International Wildlife Management Congress at Sapporo, Japan from 26<sup>th</sup> to 30<sup>th</sup> July, 2015.**
36. **Workshop on, 'Bird Identification Skills Development'** 27-28 December, 2014, Keoladeo National Park, Bharatpur.
37. **Two Week Training Course**, 5-17, October 2015, Training Course on GIS and Remote Sensing, University of Kota, Kota, Rajasthan, India
38. **One Week Workshop** 2-8, May 2016, Workshop on Population Ecology and Wildlife Forensics, University of Kota, Kota, Rajasthan, India.
39. **National Conference** on Environmental Challenges, Human Health and Society, 8-10 Sep 2016
40. **National Conference**, Environmental Pollution: Consequences & Control, IIS University, Jaipur, 7-8 October 2016
41. **FDP Two Week Training Programme** on 'Climate Smart Governance', 4 Dec to 15 Dec 2017
42. **Delivered Lecture in Department of Science and Technology, Kota** on 6<sup>th</sup> Nov, 2019
43. **National Conference** on Recent Trends in Environmental Sustainability and Green Practices(RTESGP-2019), Department of Botany, Govt. College, Bundi (Rajasthan) on November 15-16, 2019
44. **International Conference** on Environmental & Climatic Consequences: Challenges & Mitigation Strategies, Sangam University on 21-22 December 2019
45. **Two Day Workshop** on Preparing of Rajasthan State Biodiversity Strategy and Action Plan, Rajasthan State Biodiversity Board, Jaipur, Rajasthan on 30-31 December 2019

46. **The Indian Science Congress Association** (Professional Body under Department of Science & Technology, Ministry of Science & Technology, Govt. of India), 14, Dr. Biresh Guha Street, Kolkata- 700017 on 3-7 January, 2020
47. **International Conference** on Skill Development: Opportunities and Challenges (SDOC), Department of Garment Production and Export Management Govt. Arts Girls College, Kota (Raj.) on 16-17 January 2020
48. **National Workshop** on Intellectual Property Rights and Awareness, J.D.B. Govt. Girls College, Kota (Raj.) on 19 February, 2020
49. **IIRS- Outreach Program**, Machine Learning for Remote Sensing Data Classification, 1<sup>st</sup> June 2020.
50. **IIRS- Outreach Program**, Basics of SAR Remote Sensing, 26 June- 30 June, 2020.
51. **International Conference**, on Management of Forest and Wildlife under changing climate scenario, 19-20 Nov 2020.

#### **Committees and Board**

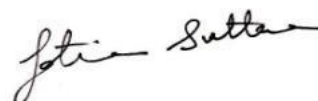
- **Nominated Member of** Local Advisory Committee, MHTR, Kota, Jaipur
- **Member of Academic Council**, Agriculture University, Jhalawar.
- **Convener of Board of Studies in Zoology**, University of Kota.
- **Member of Kota District**, Board of Biodiversity.

#### **Membership**

- Life Member of Indian Science Congress Association.
- Life Member of 'Flora and Fauna' an International Research Journal of Biological Sciences.
- Member of World Wildlife Fund, New Delhi.
- Member of BNHS, Bombay.
- Member of International Journal of Pharmacology and Biological Sciences.
- Member of International Journal of Advances in Pharmacology and Toxicology.

#### **Other Activities**

- Delivered more than 150 lectures in the field of Environment and Biodiversity at various Institutes.



**Dr. Fatima Sultana**