

PERSONAL PROFILE

I want to burn all my caliber to achieve excellence in education



Dr. RAZIA SULTANA
Assistant Professor, Zoology

Shri Kuleshwar Mahadev Shashkiya Mahavidyalaya (Gobra) Nawapara, Raipur, CG.

Phone- 91-9584889504

Email: raziasultana83ster@gmail.com

Contents

- A. Personal details
- B. Work experience/appointment
- C. Education
- D. Achievements
- E. Distinctions
- F. Publication original research papers
- G. Publication Conference papers
- H. Project completed
- I. Workshop attended-National and International
- J. Symposium attended
- K. Fellowships
- L. Membership of Science societies
- M. Conference/Seminar/symposium organized
- N. Guest lecture
- O. Academic Duties

A.

Personal details

Name Dr. Razia Sultana

Gender Female

Father's name Mr. S. A. Gaffar

Designation **Assistant Professor Zoology**
Shri Kuleshwar Mahadev Shashkiya
Mahavidyalaya (Gobra) Nawapara, Raipur, CG.

Nationality Indian

Background Muslim

Languages known English and Hindi

Permanent address Diksha nagar, near Karma School,
Gudhiyaari, Raipur

Contact 91-9584889504

Email ID raziasultana83ster@gmail.com

Place: Raipur, India

Date 16/07/2021



(Razia Sultana)

B. Work experience/ Appointments

Adhoc lecturer in year 2006-2007 at School of Life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.)

Assist. Professor (contract) in year 2009-2010 at Daulatram Sharma Mahavidyalaya, Kasdol, Raipur (C.G.); Annual income- 153600/-

Assit. Professor (University statute 28) in year 2013 at Gurukul Mahila Mahavidyalaya, Raipur (C.G.); Annual income-187200/-

Assit. Professor, Zoology in year 2018 at Shri Kuleshwar Mahadev Shashkiya Mahavidyalaya (Gobra) Nawapara, Raipur, CG.; Annual income-692400/-

C. Education

High school (C.B.S.E. board) in year 1998, passed with 1st division from Kendriya Vidyalaya Raipur (C.G)

Higher secondary (C.B.S.E. board) in year 2000, passed with 1st division from Kendriya Vidyalaya Raipur (C.G)

Bachelors of Science (plain B.Sc.) in year 2003, passed with 1st division from govt. college of Science (Pt.R.S.U.).

Masters of Science (Bioscience) in year 2006, passed with 1st division from Pt. Ravishankar Shukla University, Raipur (C.G.).

Doctor of Philosophy (Bioscience) in year 2012, from Pt. Ravishankar Shukla University, Raipur (C.G.).

D. Achievements

1. Gold medalist in M.Sc. Bioscience (year 2006) with 76% from P.R.S.U. Raipur (C.G.)

2. Young Scientist award: Xth Chhattisgarh Young Scientist award in Bioscience (2012).

3. Qualified SET (2017 and 2018)

E. Distinctions

M. Sc. (Bioscience)	Percentage
Biology of immune system	75%
Developmental biology and evolution	86%
Environmental biology	75%

F. Publications

Original research papers

Sultana R., Vaidya N., Parganiha A., & Pati A.K. (2008). Dichotomy in human population based on variability in peak spread of rest-activity rhythm in respect of internal phase reference point. *Biological Rhythm Research*. 39: 109–121.

Sultana R. and Pati A. K. (2014). Blood pressure variability and pedigree analysis of nocturnal SBP dipping in *Kumbas* from rural Chhattisgarh, India. *Indian Journal of Experimental Biology*. 52: 542-548.

Sultana R. and Pati A.K. (2014). Blood pressure and heart rate variability and diagnosis. A review article. *Biological Rhythm Research*. 45: 477-494

Sultana R. (2014). Blood pressure Diagnosis. *Gurukul Shodhsrijan*. 1: 5-7

Sultana R. (2015). Biological Clock. *Gurukul ShodhSrijan*.

G. Publications

Conference/symposium papers

- 1) **Sultana R. and pati A.K. (2005).** Ten-second interval timers seem to be faster in females. XVII national Symposium on Chronobiology, October 1-3, 2005. Center of advance studies. Department of zoology. Banaras Hindu University. P – 31.
- 2) **Sultana R. and Pati A.K. (2006).** In search of the best phase reference point for estimation of peak in rest-activity rhythm in human subjects. XVIII national Symposium on Chronobiology, November 8 – 10, 2006. Department of zoology. North-eastern Hill University, Shilong. P – 21.
- 3) **Sultana R. and Vaidya N (2006).** Study of human circadian rhythm and sleep pattern using Actiwatch. Emerging trends & techniques in research and its communication. Department of Botany. Govt. Kamla Devi Mahila Mahavidyalaya. Rajnandgaon. P – 53.
- 4) **Sultana R. and Pati A.K. (2008).** Absence of nighttime dipping and dampening of circadian rhythm in blood pressure variables of apparently healthy young women. XX national symposium on chronobiology, December 27-29, 2008. School of Life Sciences, Pt. Ravishankar Shukla University, Raipur. Pp-43.
- 5) **Sultana R. (2009).** Characteristic of blood pressure rhythm and nocturnal dipping pattern in randomly selected apparently healthy young female subjects. 7TH CG young scientist congress. February 28th -March 1st, 2009. College of Agriculture. Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.). Pp- 25-26.

6) **Sultana R. (2009)**. Non-dipping is associated with the low percentage of elevated daytime systolic and diastolic blood pressure in healthy young females. NASI-79th annual session and national symposium on “science and technology and the young (career, creativity, excitement)”. December 14-16, 2009. University of Kolkata in collaboration with Ramkrishna Mission Institute of Culture. Pp-7.

7) **Pati A.K., Kar A., Sultana R., Vaidya N. and Parganiha A. (2009)**. Long sleepers tend to be non-dippers: is it a paradox? The third international congress of applied Chronobiology and Chronomedicine (ICACC). Significance of Chronobiology to the health and well-being of today’s society. May 17 – 22, 2009, Akko (Acre), Israel. Pp- 76.

8) **Sultana R. and Pati A.K. (2010)**. Comparison of blood pressure obtained during sleep and wakefulness among normotensive subjects. XXI National Symposium on Chronobiology. February 2-4, 2010. P.G. department of Zoology, Jamshedpur Co-operative college, Jamshedpur Kolhan University, Jharkhand. Pp- 50.

9) **Sultana R. (2010)**. Abnormal nocturnal dipping in blood pressure of healthy human subjects. NASI- 80th annual session and national symposium on “climate change-research, awareness and building”. December 2-4, 2010. Jaipur National University, Jaipur, Rajasthan. Pp- 62-63.

10) **Sultana R. (2011)**. Wee hours stress makes normotensive non-dippers and risers more vulnerable to cardiovascular disorders (CVD). 9th Chhattisgarh Young Scientists Congress. February 28 – March 01, 2011. Bastar Vishwavidyalaya (Dharampura) Jagdalpur (Chhattisgarh). Pp - 19

11) **Sultana R. and Pati A.K. (2011)**. Effect of life style factors on BP variability in humans. National conference on advances in biological sciences. November 5-7, 2011. School of Life Sciences, Pt. Ravishankar Shukla University, Raipur. pp. 107 abstract no. 54.

12) **Sultana R. (2012)**. Pitfalls of conventional blood pressure measurement and current treatment protocol of hypertension in diabetic and hypothyroid patients. 10th Chhattisgarh Young Scientists Congress. February 28 – 29, 2012. Sarguja Vishwavidyalaya (Ambikapur) Surguja (C.G.). Pp – 37-38.

13) **Sultana R. and Pati A.K. (2012)**. Variability and heritability of nocturnal blood pressure dipping in natives of rural Chhattisgarh, India. A joint Congress of the 27th Conference of International Society for Chronobiology and 24th Conference of National Society for Chronobiology. October 3-7, 2012. Department of Zoology, Delhi University, Delhi.

14) **Sultana R. (2015)**. Circaseptan variations in blood pressure in healthy human residing in south eastern India. International seminar on Emerging Trends in information technology and applied sciences. March 28-30, 2015. School of Information Technology; School of Life Sciences, MATS University, Raipur, C.G.

15) **Sultana R. (2016)**. Study of Chronotype and sleep deprivation in apparently healthy human population in Chhattisgarh area. National Conference on prospects in Life Sciences: Paradigm Shift in Teaching and Research in Zoological Sciences and The second Chhattisgarh Congress of the Zoological Society of Chhattisgarh (ZSC). March 02-03, 2016. Department of Zoology, Govt. Nagarjuna P.G. College of Science, Raipur, C.G.

H. Project completed

1. **M.Sc. dissertation (2005-06)**, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.). Studies on Circadian Rhythms in Rest-activity, Time perception, Axillary Temperature, Random Number Addition Speed, and Sleep Behavior in a Group of Apparently Healthy Young Females
2. **UGC Project fellow (2009)**, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.). In the trust area of Chronobiology in UGC sponsored DRS-SAP program

I. Workshop attended: national and International

- 1) **4th SERC School in Chronobiology (2005)**, Department of Biochemistry and Biotechnology, Annamalainagar, Chidambaram, (TN). 24th December 2005 – 4th January 2006.
- 2) **One-day acquaintance program of IUAC New Delhi (2007)**, Pt. Ravishankar Shukla University, Raipur (C.G.), July, 20.
- 3) **Multinational graduate course on basic Chronobiology with reference to Chrono-medicine**. November 2-7, 2008. Raipur, Chhattisgarh, India.
- 4) **Hands on Workshop on Cell Manipulation & Confocal Microscopy (2011)**. Organized by Pt. Deendayal Upadhyay Centre For Genetic Diseases & Molecular Biology Department of Biochemistry, Pt. J.N.M. Medical College, Raipur (C.G.), July, 26-31.
- 5) **National Workshop on Basic Immunological Techniques (2012)**. Organized by Department of Zoology & Biotechnology. Govt. Nagarjuna P.G. College of Science, Raipur, C.G., 19-21 March 2012.
- 6) **Interaction Program (Science and Life Sciences) (2013)**. Organized by Academic Staff College. Pt. Ravishankar Shukla University Raipur, C.G., 23-25, March 2013.
- 7) **Intellectual property and innovation management in knowledge economy (2013)**. Organized by National Research Development Corporation, under the joint auspices of Pt. RSU, Raipur (C.G.), December, 30-31, 2013.

J. Symposium attended

- 1) **National symposium on Biodiversity: Current status and prospects (2005).** School of life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.), October 17-18,

- 2) **National symposium on cell therapy (2011).** Department of Biochemistry, Pt. Deendayal Upadhyay Centre for genetic diseases and molecular biology. Pt. J. N. M. Medical College, Raipur (C.G.), 25th July.

K. Fellowships

- 1) **UGC Project fellow (2009)**, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.). In the trust area of Chronobiology in UGC sponsored DRS-SAP program
- 2) **Pt. Ravishankar shukla University fellowship (2008)**, School of Life Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.). Study of dipping and nondipping patterns in blood Pressure in healthy, diabetic and hypothyroidic Subjects
- 3) **UGC-MANF National fellowship (2011)**. Study of dipping and non-dipping patterns in blood Pressure in healthy, diabetic and hypothyroidic Subjects

L. Membership of Science Societies

- 1) **Indian Society for Chronobiology (Life time member)**
- 2) **International Society for Chronobiology (Annual member)**

M. **Organization of Conference/Seminar/Symposium/Camp**

Organizing secretary: Sultana R., Member Science Council; Conference on “Research aptitude for undergraduates” on 10th December 2015. Organized by Science Council, Gurukul Mahila Mahavidyalaya Raipur- 492001, C.G.

Organized Three days Entrepreneur Development Camp: in 2016 and 2017 at Gurukul mahila Mahavidyalaya Raipur; and in 2019 at Shri Kuleshwar Mahadev Shashkiya Mahavidyalaya, Gobra, Nawapara, Raipur, C.G.

N. Invited Lecture

1. **Sultana R. (2014)**. Delivered lecture on Biological Clocks. Science Center, Mowa, Raipur, CG. On 21 December 2014.
2. **Sultana R. (2015)**. Delivered lecture on Chronobiology on 29 October 2015 in Lecture Series, Orientation Workshop and Display of Model by school students Organized by Chhattisgarh Science Centre at Chhattisgarh Science Centre, Daldal Seoni, Saddu, Raipur, C.G.
3. **Sultana R. (2016)** Induction, competence and embryonic determination. UGC Lecture series Organized by Govt. D.B. Girls P.G. College Raipur, C.G.
4. **Sultana R. (2016)**. Cancer and cell transformation. UGC Lecture series Organized by Govt. D.B. Girls P.G. College Raipur, C.G.
5. **Sultana R. (2016)**. Zoology without Dissection. National workshop on alternatives of Dissection, 27 January -02 February 2017. Bhilai Mahila Mahavidyalaya, Bhilai, C.G.
6. **Sultana R. (2017)**. Chronobiology: Past Present and Future. "Lecture Series, Orientation Workshop and Model Exhibition" is being organized by Chhattisgarh Science Centre on 22/ 11 /2017 at Chhattisgarh Science Centre, Daldal Seoni, Saddu, Raipur C.G.

P. Refresher Course/Orientation/Faculty Development Program

- 1. Interaction program (2013)**, held from 23-25 March 2013. Organized by Academic Staff College, Pt. Ravishankar Shukla University, Raipur, C.G.
- 2. UGC Sponsored Three weeks Refresher course in Zoology (2015)**, Theme “Recent advances in Zoology” held from 20 August-09 September 2015. Obtained Grade “A”. Organized by Human Resource Development Centre, Pt. Ravishankar Shukla University, Raipur, C.G.
- 3. DST Sponsored Two weeks Faculty Development Program on Entrepreneurship (2017)** held from 11-25 December 2017. Organized by CITCON, Raipur, C.G.

Q. Academic Duties

- 1. In-charge of college committees:** planning and implementation committee, spoken English committee, communication skill development committee, Minority cell (2018-2021), Shri Kuleshwar Mahadev Shashkiya Mahavidyalaya, Gobra, Nawapara, Raipur, C.G.
- 2. Academic Responsibilities:** In-charge of Zoology department, DCA and PGDCA; Psychology Department and Botany Department.
- 3. Assistant Superintendent:** Annual examinations of BSc and BCA in year 2015-16, 2016-17 and 2017-18.
- 4. In-charge Science Council,** Gurukul Mahila Mahavidyalaya Raipur in year 2015-16.
- 5. Coordinator-Institutional committee for NAAC accreditation,** Gurukul Mahila Mahavidyalaya Raipur, formed on 2016-17.
- 6. Member of IQAC,** Gurukul Mahila Mahavidyalaya, formed 2016-17.