

PERSONAL RESUME OF FACULTY MEMBER



Name: : **Dr. Chhagan Lal**

Father's Name : Sh. Ranjeeta Ram

Date of Birth: : 1 Jan., 1985

Nationality : Indian

Permanent Address : Village/post- Khinya
Tehsil- Jaisalmer, Dist- Jaisalmer
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Rajasthan

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Qualification : M. Sc (Physics), NET, Ph. D.

Specialization : Astronomy and Astrophysics

Teaching Experience : UG classes - 5 Years

Employment : Presently working as Assistant Professor
Department of Physics,
MLS Govt. Girls College Jaisalmer, Rajasthan

: Earlier Worked as Physics Lecturer in School education
Department Govt. of Raj since June 2017 to Oct., 2018

Qualifications:

- Secondary; Rajasthan Board of Secondary Education, Ajmer, (Rajasthan), India. 2001.
- Higher Secondary (Biology); Rajasthan Board of Secondary Education, Ajmer, (Rajasthan),

India. 2003.

- B.Sc. Govt. PG. College, Jaisalmer, MDS University Ajmer. 2006.
- M.Sc., Department of Physics, Mohan Lal Sukhadia University Udaipur 2008
- M. Phil, MLV Govt College Bhilwara, MDSU, Ajmer 2009.
- National Eligibility Test (CSIR- NET) 2012.
- Doctor of Philosophy (Ph.D.) awarded on the Thesis entitled “Study of Atmospheric Black Carbon Aerosols over Great Indian Thar Desert i.e. Jaisalmer” from Department of Physics, Mohan Lal Sukhadia University, Udaipur (Raj.) 2016.

Training Course, Teaching-Learning-Evaluation Technology Programmes, and Faculty Development Programmes attended:

S. No.	Programme	Duration	Organized by
1	Faculty Induction Programme/ Orientation Course	25.11.2020 to 31.12.2020	Dr H S Gaur university Sagar (M.P.)
2	Gyan Ganga	01.02.2021 to 06.02.2021	Govt Dungeer College Bikaner and Dept of college Education
3	Refresher Course	28/03/2022 to 11/04/2022	Teaching Learning Centre Ramanujan college, University of Delhi

List of research paper published in Journals:

1. Vyas, B.M., Saxena, A., & Chhagan Lal, (2012), “Study of Air Pollutants and UV& IR Radiation during Partial Solar Eclipse on 15 January, 2010 over Indian Station, i.e.,Udaipur”, Advance in Space Research, 50(Dec., 2012), 1553-1563. Doi : <http://dx.doi.org/10.1016/j.asr.2012.07.021>
2. Vyas, B.M., Vimal Saraswat and Chhagan Lal, (2012) “Study of Atmospheric Black Carbon Aerosols over Western Indian Tropical Sites During Diwali Festival” IASTA Bulletin, 20 (1,2) , 126-130.

3. Vyas, B. M., Saxena, A., & Panwar, C. (2012). Study of atmospheric air pollutants during the partial solar eclipse on 15 January 2010 over Udaipur: A semi-arid location in Western India. *Advances in space research*, 50(11), 1553-1563.
4. Chhagan Panwar and B M Vyas (2016) "Atmospheric aerosols size distribution properties in winter and pre-monsoon over western Indian Thar Desert location" *AIP Conference Proceedings* 1728, 020093 (2016); doi: 10.1063/1.4946144. <http://dx.doi.org/10.1063/1.4946144>.
5. B. M. Vyas, Abhishek Saxenna, and Chhagan Panwar (2016) "Atmospheric aerosols parameters behavior and its association with meteorological activities variables over western Indian tropical semi-urban site i.e., Udaipur" *AIP Conference Proceedings* 1728, 020533 (2016); doi: 10.1063/1.4946584. <http://dx.doi.org/10.1063/1.4946584>.
6. B. M. Vyas, Abhishek Saxenna, and Chhagan Panwar (2016) "Study of atmospheric scattering and absorbing aerosols at 550nm over nearby western Indian tropical sites of Thar Desert effected region" *AIP Conference Proceedings* 1728, 020535 (2016); doi: 10.1063/1.4946586. <http://dx.doi.org/10.1063/1.4946586>.
7. Barupal, Tansukh, Shweta Bhodiwa, **Chhagan Lal**, and Yashwant Sompura. "Evaluation of air quality change of udaipur city during banned crackers deepawali (2020) and unbanned crackers deepawali (2021)." *Biomaterials Journal* 1, no. 3 (2022): 3-8.

**List of Paper to be presented/attended in National Symposium/
conference/ Seminars:**

1. Chhagan Lal (2019) “Seasonally behavior of particulate matter over Great Indian Thar Desert region i.e. Jaisalmer” National Conference on Emerging issues in research and development at Jai Narain Vyas University, Jodhpur held on Feb., 3, 2019.
2. Chhagan Lal (2019) “Behavior of particulate matter (PM_{2.5}) with meteorological parameters at Jaisalmer” National Seminar on *current trends and advancement in chemical, Physical and life science*, held on 15-16, March, 2019 at Department of Chemistry, Jay Narain Vyas University, Jodhpur.
3. Chhagan Lal (2019) “A comparison of Black Carbon Aerosols in Indian Geographical scenario with Thar Desert region i. e. Jaisalmer” 47th National Conference held on 13-15 Sept., 2019 at Department of Geography, SBK Government college, Jaisalmer (Raj.).
4. Chhagan Lal (2019) Reporter of Technical session “Environmental changes and challenges” ” 47th National Conference held on 13-15 Sept., 2019 at Department of Geography, SBK Government college, Jaisalmer (Raj.)
5. Chhagan Lal (2019) “Temporal behavior of Black Carbon Aerosols at over Great Indian Thar Desert region i.e. Jaisalmer” National Conference on Recent trends in environmental sustainability and green practices held on 15-16 Nov., 2019 at Department of Botany, Government College Bundi (Raj.).
6. B.M. Vyas, Chhagan Lal, A. Saxena, S. Suresh Babu & K. Krishna Moorthy, “Study of Atmospheric Black Carbon Aerosols behavior over the Western Indian Tropical and Semiarid Station i.e., Udaipur” Paper to be presented in

18th National Space Science Symposium- NSSS-2014 held at Dibrugarh University, Dibrugarh during January 29- February 1, 2014. (PS1-4) Oral Presentation.

7. Chhagan Lal, B.M. Vyas, S. Suresh Babu & K. Krishna Moorthy, “Diurnal characteristics of atmospheric BC aerosols during the dust storms over Jaisalmer, in the main Thar Desert region of western India” Paper to be presented in 18th National Space Science Symposium- NSSS-2014 held at Dibrugarh University, Dibrugarh during January 29-February 1, 2014. (PS1-51) Poster Presentation.
8. National workshop on Astronomy and Astro-physics at University College of Science, Udaipur Dec. 21-25, 2006.
9. National symposium on Gamma-Ray Astronomy at Indian Institute of Astro-Physics {IIA}, Bangalore Nov. 23-25, 2007.