

Curriculum Vitae

Name in Full : Dr. Raje Dayanand Vishwanath
Date of Birth : 08th Oct. 1968
Category : O.B.C.
Designation : Assist. Professor
Qualification : M.Sc., B.Ed., M. Phil, Ph.D.
Subject : Physics
Department / College : Department of Physics & Electronics

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Date of appointment as Lecturer in Senior College: 24th Sept. 1994

Teaching experience as full time lecturer:UG: 24 Years&**PG:** 06 Years

Others:

1. N.C.C. "B" Certificate
2. Successfully completed DVITT Computer Course i.e. Certificate Course in Information Technology (Sept.99 to Nov.99) and obtained "A" grade.
3. Successfully completed the MSCIT Course and obtained 70% marks (2005).
4. Successfully completed the certificate course in "Information technology" and obtained "A" grade. (Nov.2005)
5. Examiner, Moderator, Paper setter as well as Worked as J.C.S., for Examinations conducted by SRTM University, Nanded.
6. Worked as Custodian in Exam Department of Autonomous RSM,Latur
7. Examiner for Dist. Level Science Exhibition & Inspire award at Latur Organizing by Mah. Govt.
8. Life member of "Indian Society for Radiation Physics"

Program / Courses Completed:

1. Successfully completed "Orientation Program" from 03/11/99 to 30/11/99 at University of Pune, Pune.
2. Successfully completed UGC sponsored "Refresher Course in Physics" from 05/09/2002 to 27/09/2002 at Dr. BAM University, Aurangabad.
3. Successfully completed UGC sponsored "Refresher Course in Environmental Science (Physics)" from 10/11/2014 to 30/11/2014 at SP Pune University, Pune ; org. at ZBP College, Dhule.
4. Participated in the Professional Development Programme/Short term Course on Theme " Soft Skill & Professional Ethics' On from 26/11/2018 to 01/12/2018 at MANU University, Hyderabad.

Participation in Conferences / Workshop / Seminar:

Sr. No.	Conferences / Workshop / Seminar : Attended/Participated	Date / Duration
1	Seminar on “Curricular development & restructuring of the syllabus in different Science subjects” at Nutan Mahavidyalaya, Sailu, Dist. Parbhani	19,20 Nov.1996
2	Workshop on “New trends in UGC Curriculum for UG Course” at SSGM, Loha, Dist. Nanded	11 th July 2004
3	“National Level Introductory School on Astronomy & astrophysics” org.by Rajarshi Shahu Mahavidyalaya, Latur	15-19 Oct.2004
4	“Celebration of World Year of Physics-2005” at R.S.M. Latur.	26,27 Nov.2005
5	“9 th Conference of International Academy of Physical Sciences” at Dr. BRA University, Agra.	3,4,5 Feb.2007
6	National Seminar on “Photonic Materials and Nanotechnology” at RSM. Latur.	23,24 Jan.2009
7	National Conference on “Global Recession & its impact on Indian Economy” at RSM Latur.	13,14 Mar. 2009
8	National Conference on “Recent trends in Physics & LASER technology” at GMV, Mukhed, Dist. Nanded.	28,29 Aug.2009
9	State level Workshop on “Physics Education at Graduate level: A Scientific approach to crisis & Remedial Solutions” at Dayanand Science College, Latur.	5,6 Dec. 2009
10	One day workshop on T.Y.B.Sc. Physics Practical Org. by N. Wadia College, Pune	26 th Aug. 2010
11	‘National Seminar on advances in Computational Mathematics’. Org. by R.S. Mahavidyalaya, Latur.	23,24 Feb. 2011
12	National seminar on ‘Exploring Horizons in Microbial technology’. Org. by R.S. Mahavidyalaya, Latur.	21 Jan 2012
13	U.G.C. sponsored National seminar on ‘Physics of Material & photonic devices’. Org. by RSM Latur.	16,17 Mar 2012
14	National seminar on ‘Quality Enhancement of Higher Education’. Org. by RSM, Latur.	12,13 Apr. 2012
15	National Conference on nanotechnology-2012 at Nilanga, Dist. Latur	7,8 Sep. 2012
16	Workshop on revised curriculum Physics & Electronics at GMV,Mukhed	20 th Sept 2013

17	National conference on: “The Role of Information and Communication Technology in the Higher education of Rural area” Org. at M.M. Nilanga, Dist: Latur	8 th & 9 th Aug. 2014
18	One day State level Seminar on “Academic Performance Indicator (API)”, org. by Shahid Bhagatsingh Mahavidyalaya, Killari	23 rd Aug. 2014
19	National Conference on Material Science and Renewable energy Sources, org. by RS Mahavidyalaya, Latur	11 and 12 March 2016
20	Participated in the One Day Workshop on Reforms in Higher Education” Org. by Sub centre of SRTMU, Nanded at Latur	26 Nov. 2016
21	Present Scenario and Future Challenges of Autonomous Colleges org. by RS Mahavidyalaya, Latur	17 & 18 April 2017
22	International Conference on Applied Science Org. by SKS Mahavidyalaya, Ausa, Dist: Latur	26 th & 27 th Dec. 2017
23	National Conference on Recent trends in material Science and Nanotechnology (RTMSN-2019), Org. by A D A B Mahavidyalaya, kada, Tq. Ashti, Dist: Beed.	17 March 2019
24	One day Workshop on Intellectual Property Rights (IPR) Awareness for Teachers jointly org. by SRTMUN & RSM Latur & Patlex buissness Solutions, Latur	16 Feb. 2019
25	National Conference on Functional Materials Synthesis and Characterization techniques (NCFMSCT-2019), Sponsored by DrBAMU, Aurangabad Org. by Vaidyanath College, Parli Vaijnath	2 March 2019
26	One day National Workshop on New Guidelines of NAAC, Org. by S M P Mahavidyalaya, Murum	6 March 2019
27	Examiner for 8 th Dist. level INSPIRE AWARD 2017-18	23 to 25 Jan. 2019

RESEARCH PUBLICATIONS:

I) NATIONAL/ INTERNATIONAL JOURNALS :

- 1) Mass Attenuation Coefficients of Soil Samples in Maharashtra State (India) by Using Gamma Energy at 0.662 MeV----- **D.V. Raje**, L.M. Chaudhari, *Bulg. J. Phys.*, Vol.37, 158–164, (2010), Online version ISSN 1314-2666, Print version ISSN 1330-015.
- 2) Study of photon attenuation coefficient of soil samples from Maharashtra and Karnataka states (India) from 122 keV to 1330 keV--- Chaudhari Laxman M. and **Raje Dayanand V.**, *Research Journal of Chemical Sciences*. Vol.2 (2), 1-7, Feb. (2012), Online version ISSN 2231-606X, Print version ISSN 2249-9261

3) Mass Attenuation Coefficient Measurements in Soil Sample -- Chaudhari Laxman M. and **Raje Dayanand V.**, *Research Journal of Chemical Sciences*. Vol. 2(5), 1-7, May 21, (2012), Online version ISSN2231-606X, Print version ISSN2249-9261

4) Attenuation coefficient of soil samples by gamma ray energy-- Chaudhari Laxman M. and **Raje Dayanand V.**, *Research Journal of Recent Sciences, ISCA-RJCS-2012*, Vol. 1(9), 41, 48, Sept2012. Print version ISSN2277-2502.

5) Investigation of Attenuation coefficients of soil samples --- Chaudhari L. M. and **Raje D. V.**,

Research journal of Agriculture & Forestry Sciences, vol1 (2), 20, 25, March 2013, Print version ISSN2320-6063.

6) Measurement of photon attenuation coefficient of soil samples at energy 360 keV--- Chaudhari L. M* and **Raje D. V.**¹, *Journal of Chemical, Biological and Physical Sciences An International Peer Review E-3 Journal of Sciences February 2013- April 2013*, Vol. 3, No. 2, 1504-1510 E- ISSN: 2249 –192

7) Implementation of Third Order Active-R Low Pass Filter---**Dr.D.V.Raje**, *Hi- Tech Research Analysis, ISSN 2231-6671, Vol.II, Issue -VI,(Aug.2013 to Jan 2014)*, Refereed & Peer Reviewed Research Journal Page No.20-2.

8) Ecological Risk Assessment of Dam Construction based on Ecological Network analysis--**Dr.D.V.Raje**,

Indo Western Researchers, ISSN 2349-1027, Vol II, Issue III (Aug 2014 to Jan 2015), Refereed & Peer Reviewed Research Journal Page No.19-23.

9) Many –Body Interaction of Cyanamide Oligomers Using: Quantum chemical method---**Dr. D. V. Raje**, *Universal Research analysis, ISSN2229-4406, Vo-V, Issue XI (Sept 2015-Feb 2016)*, International Refereed & Peer Reviewed Research Journal P.No.29-42.

10) Light Curve of the RS Canum Venaticorum System σ Gem=HD 62044 ---**Dr.D.V.Raje**, *Indo Western Researchers, ISSN 2349-1027, Vol II, Issue VI,(Feb.16 to July 16)*, Refereed & Peer Reviewed Research Journal P.No.29-34.

11) A Correlative Study of Climate Changes and Solar Activity---**Dr.D.V.Raje**, *Universal Research Analysis,ISSN 2229-4406, Vol.VI, Issue XII, (March 16 to Aug.16)*, Refereed & Peer Reviewed Research Journal P.No.42-47.

12) A short period photometric Variations in DH Leonis/HD86590--- **Dr.D.V.Raje**, *Hi-Tech Research Analysis,ISSN -2231-6671, Vol. II, Issue-XII,(Aug.16 to Jan 17)*, Refereed & Peer Reviewed Research Journal P.No.36-41

13) Embedded controllers for automation--- **Dr.D.V.Raje**, *Universal Research Analysis,ISSN 2229-4406, Vol-IV,Issue XIV, (March 17 to Aug.17)* Refereed & Peer Reviewed Research Journal P.No.19-23.

14) Chemical spray pyrolysis equipment and its parameters--- **Dr.D.V.Raje**, *Hi-Tech Research Analysis,ISSN -2231-6671, Vol VII,Issue XIV,(Aug.17 to Jan18)*, Refereed & Peer Reviewed Research Journal P.No.19-23.

15) *Pollens and Allergens- AThreat to Humanity----* **Dr.D.V.Raje**, P.No.39-50 *Hi-Tech Research Journal, Issue: XVI, Vol II ISSN 2231-6671 Impact Factor 4.95 (JAN.2019)*

16) *Study of Non-Destructive Testing Gamma Rays Interaction with Matter ----* **Dr.D.V.Raje**, *Universal Research Analysis Issue: XVII, Vol V ISSN 2229-4406 Impact Factor 5.35(FEB 2019)*

17) *Charge-Coupled Devices in Astronomy Research ---* **Dr.D.V.Raje**, P.No.43-47 *Vision Research Review, Issue: XVI, Vol. I ISSN 2250-169X Impact Factor 5.67 (May 2019)*

II) NATIONAL/INTERNATIONAL CONFERENCES:

1] 'Gamma absorption coefficient of salts at various gamma energies'

Published in ABSTRACTS, 9th Conference of International Academy of Physical Sciences, CONIAPS-IX, 3-5 Feb.2007, Organized by Dept. of Mathematics, Institute of basic Science Khandari, Agra University, Agra.

L.M.Chaudhari and D.V. Raje

2] Research paper entitled 'Gamma absorption coefficients of polymers at 1.17 MeV '

Presented in Indian Science Congress 2008, held at Andhra University, Vishakhapatnam on January, 3-7, 2008

L.M.Chaudhari, D.V. Raje

3] 'Photon attenuation coefficients of gamma radiation by soil samples in Nanded District at 0.662, 1.17 & 1.28 MeV '

Published in proceeding of International conference Organised by International Academy of Physical Sciences & Guru Ghashidas University, Bilaspur on Jan. 12-14, 2008.

L.M.Chaudhari and D.V. Raje

4]'Photon attenuation coefficients for Maharashtra and Karnataka soil by gamma radiations'

Presented in the poster session of 96th Indian Science Congress 2009 at Shillong, Meghalaya which will be held on 3-7th January 2009 and abstract published in the proceedings of ISC 2009

L.M.Chaudhari and D.V.Raje

5] 'Gamma absorption coefficients of leaves of Ashoka plant by using source Cs'

Presented in the poster session of 97th Indian Science Congress 2010 held on 3-7 Jan. 2010 at Thiruantpuram,

Abstract published in the proceeding of ISCA 2010.

L.M.Chaudhari , D.V.Raje and S.B. Girase

6] 'Photon attenuation coefficient of soil sample at various gamma ray energies'

---*L.M.Chaudhari , D.V.Raje*

Published Full length Paper in the Proceedings of National Seminar on

Physics of Materials and Photonic Devices(NSPMPD), 16, 17 March 2012, ISBN No.978-81-920783-2-8.

7) 'Attenuation Coefficients of gamma particles by various Soil samples from Latur and Omarabad district of Maharashtra State'--**D.V.Raje**, L.M.Chaudhari

*Published Full length Paper in the Proceedings of National Conference on
Material Science and Renewable Energy Sources (NCMSRES-16), 11th and 12th March,
2016,*

ISBN: 978-93-84810-17-7.
