

Curriculum Vitae

Name in Full : Dr. Raje Dayanand Vishwanath
Date of Birth : 08th Oct. 1968
Category : O.B.C.
Designation : Assistant Professor
Qualification : M.Sc., B.Ed., M. Phil, Ph.D.
Subject : Physics
Department / College : Department of physics, Rajarshi Shahu Mahavidyalaya, Latur
Date of first appointment as Lecturer in Senior College: 24th Sept. 1994

Teaching experience as full time lecturer: 21 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. Life member of "Indian Society for Radiation Physics"
7. Examiner in District Level Akhil Bhartiya Vidhyarthi Melava.

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.

Participation in Conferences / Workshop / Seminar:

Sr. No.	Conferences / Workshop / Seminar	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	"Celebration of World Year of Physics-2005" at R.S.M. Latur.	26,27 Nov.2005

4	“9 th Conference of International Academy of Physical Sciences” at Dr. BRA University, Agra.	3,4,5 Feb.2007
5	National Seminar on “Photonic Materials and Nanotechnology” at RSM. Latur.	23,24 Jan.2009
6	National Conference on “Global Recession & its impact on Indian Economy” at RSM Latur.	13,14 Mar. 2009
7	National Conference on “Recent trends in Physics & LASER technology” at GMV, Mukhed, Dist. Nanded.	28,29 Aug.2009
8	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
9	One day workshop on T.Y.B.Sc. Physics Practical Org. by N. Wadia College, Pune	26 th Aug. 2010
10	‘National Seminar on advances in Computational Mathematics’. Org. by R.S. Mahavidyalaya, Latur.	23,24 Feb. 2011
11	National seminar on ‘Exploring Horizons in Microbial technology’. Org. by R.S. Mahavidyalaya, Latur.	21 Jan 2012
12	U.G.C. sponsored National seminar on ‘Physics of Material & photonic devices’. Org. by RSM Latur.	16,17 Mar 2012
13	National seminar on ‘Quality Enhancement of Higher Education’. Org. by RSM, Latur.	12,13 Apr. 2012
14	National Conference on nanotechnology-2012 at Nilanga, Dist. Latur	7,8 Sep. 2012
15	Workshop on revised curriculum Physics & Electronics	20 th Sept 2013
16	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
17	One day State level Seminar on “Academic Performance Indicator (API)”, org. by Shahid Bhagatsingh Mahavidyalaya, Killari	23 rd Aug. 2014
18	National Conference on Material Science and Renewable Energy Sources Org. by RSM Latur	11, 12 March 2016
19	One Day Workshop on Reforms in Higher Education Org. by SRTM Uni. Sub-Center Latur	26-Nov-2016
20	National Seminar on Present Scenario and Future Challenges of Autonomous Colleges Org. by IQAC, RSM Latur	17-18 April 2017

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 ISSN1330-015.

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 ISSN2231-606X, Print version ISSN2249-9261

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, voll (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.

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 ISC 2010. L.M.Chaudhari , D.V. Raje and S.B. Girase

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

Published 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

L.M.Chaudhari , D.V. Raje

7) 'Attenuation Coefficients of gamma particles by various Soil samples from Latur and Osmanabad district of Maharashtra State' (NCMSRES-16) 11th and 12th March,2016,ISBN:978-93-84810-17-7

D.V.Raje,L.M.Chaudhari