

# CURRICULAM-VITAE

**DR. SHIV KUMAR VERNWAL**  
(M.Sc., Ph.D.)

**DEPARTMENT OF CHEMISTRY,**

**Maharana Pratap P. G. College**

**Jungle Dhusan, Gorakhpur**

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Name : Dr. Shiv Kumar Vernwal  
 Post : Assistant Professor and Head  
 Date of Birth : 01-07-1972  
 Gender : Male  
 Category : General  
 Religion : Hindu  
 Marital Status : Married  
 Father's Name : Late Shri Lakhichand Vernwal  
 Mother's Name : Smt. Patasi Devi  
 Permanent Address : Village- Bhanasarwa  
 Post- Shankar Patkhauli  
 District.- Kushinagar-274401 (U.P.)  
 Postal Address : H. No. 3, Pratap Ashram  
 Golghar, Gorakhpur- 273001 (U. P.)  
 Nationality : Indian  
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## ACADEMIC QUALIFICATION:

EXAMINATIONS PASSED	BOARD/ UNIVERSITY	YEAR OF PASSING	DIVISION/%	SUBJECT
HIGH SCHOOL	U.P. BOARD ALLAHABAD	1988	I <sup>st</sup> (74.3%)	HINDI, ENGLISH, MATHS, SCIENCE, BIOLOGY, SOC. SCIENCE
INTERMEDIATE	U.P. BOARD ALLAHABAD	1990	II <sup>nd</sup> (53.0%)	GEN. HINDI, ENGLISH, PHYSICS, CHEMISTRY, BIOLOGY
B. Sc.	D.D.U. GORAKHPUR UNIVERSITY GORAKHPUR	1993	II <sup>nd</sup> (64.4%)	CHEMISTRY, BOTANY ZOOLOGY
M. Sc.	D.D.U. GORAKHPUR UNIVERSITY GORAKHPUR	1996	I <sup>st</sup> (61.9%)	CHEMISTRY (ORGANIC)
Ph. D.	D.D.U. GORAKHPUR UNIVERSITY GORAKHPUR	2003	Topic: " <i>Studies on Musa paradisiaca Stem Peroxidase</i> ".	CHEMISTRY

**TEACHING EXPERIENCE:** UG- 12 Years, PG- 06 Years

Name of University/ College/ Institute	Designation	Status	From	To	Effective Time Period
Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	Assistant Professor	Permanent	1 July, 2005	Till date	12 Years

**PRESENT EMPLOMENT DETAILS:**

Organization Name	Position Held	Date of Appointment	Present Status
Maharana Pratap P. G. College Jungle Dhusan, Gorakhpur	Assistant Professor	1 July, 2005	Permanent

**RESEARCH EXPERIENCE:** 07 Years**FELLOWSHIP IN RESEARCH PROJECTS:**

Title of Project	Funding Agency	Post	Duration
Kinetics and mechanism.....galactose oxidase.	University Grants Commission, New Delhi	Project Fellow	From 01.05.1999 to 09.11.2000
$\alpha$ -L rhamnosidase from..... enzymological applications”.	Council of Science and Technology, U. P., Lucknow	Senior Research Assistant	From 01.09.2001 to 31.08.2003

**PUBLISHED PAPERS IN JOURNALS:** 05

S. No.	Title of paper	Name of Journal with Vol. no., Page no. and Year	ISSN/ ISBN No.	Peer reviewed/ impact factor	No. of Authors	Main Author / Co-author	API Score
1	<i>Musa paradisiaca</i> stem juice as a source of peroxidase and ligninperoxidase	<i>Indian Journal of Experimental Biology</i> , <b>38</b> , 1036-1040 (2000)	0019-5189	Peer reviewed and indexed	3	Main author	20
2	Enzymatic preparation of L-glucose, L-galactose and L-xylose using galactose oxidase immobilized on crab-shell particles	<i>Journal of Scientific and Industrial Research</i> , <b>61</b> , 361-365 (2002)	0022-4456	Peer reviewed and indexed	3	Co-author	10
3	Galactose oxidase immobilised on <i>Ocimum sanctum</i> seeds for the enzymatic preparations of L-glucose, L-galactose and L-xylose	<i>Indian Journal of Chemical Technology</i> , <b>9</b> , 218-222 (2002)	0971-457X	Peer reviewed and indexed	3	Co-author	10
4	Biotransformation of <i>Citrus sinensis</i> peel oil and commercial limonene by various fungi and <i>Musa paradisiaca</i> stem enzyme extract	<i>Journal of Medicinal and Aromatic Plant Sciences</i> , <b>24</b> , 23-27 (2002)	0253-7125	Peer reviewed and indexed	10	Co-author	10
5	Purification of a peroxidase from <i>Solanum melongena</i> fruit juice	<i>Indian Journal of Biochemistry and Biophysics</i> , <b>43</b> , 239-243 (2006)	0301-1208	Peer reviewed and indexed	3	Main Author	20

**SEMINAR/ SYMPOSIUM/ WORKSHOP ATTENDED:**

S. No.	Title of Seminar/ Symposium/ Workshop with Date	Organised by / Held at	Level	Title of Paper	API Score
1.	12 <sup>th</sup> National Symposium and Workshop on “ <b>Thermal Analysis</b> ” during March 26-29, 2000.	Indian Thermal Analysis Society (ITAS) and Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009.	National	Attended	7.5
2.	National Symposium on “ <b>Lignocellulose Biotechnology: Present and Future Prospects</b> ” during December 10-11, 2001.	Department of Microbiology, University of Delhi South Campus, New Delhi-110 021.	National	<i>Musa paradisiaca</i> Stem Juice as a Source of Ligninperoxidase	7.5
3.	National Seminar on “ <b>Advanced Materials</b> ” during March 22-24, 2002.	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009.	National	<i>Solanum melongena</i> Fruit Juice as Source of Peroxidase	10
4.	48 <sup>th</sup> BRNS - IANCAS National Workshop on “ <b>Radiochemistry and Applications of Radioisotopes</b> ” during October 19-28, 2002.	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur – 273 009 and Indian Association of Nuclear Chemists and Allied Scientists (IANCAS).	National	Attended	7.5
5.	National seminar on “ <b>Thermodynamics &amp; Reaction Dynamics</b> ” during March 23-25, 2003,	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009.	National	Attended	7.5
6.	Harnarain Lal Memorial National Seminar on “ <b>Some Concepts as Function of Molecular Structure</b> ” during January 09-10, 2005.	Department of Chemistry, M. G. P. G. College, Gorakhpur-273 001.	National	Attended	7.5
7.	National Seminar on “ <b>Biological Chemistry: Advancing Frontiers</b> ” during March 22-23, 2005	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009.	National	Attended	7.5
8.	Rashtriya Sangoshthi on “ <b>Gramin Bharat Ka Bhaviyshya</b> ” during January 07-09, 2006.	Maharana Pratap Mahavidyalaya, Jungle Dhusan, Gorakhpur-273 014.	National	Chemical Aspects of Mustard Grain	10
9.	Rashtriya Sangoshthi on “ <b>Hindutwa Awam Rashtriyata</b> ” during November 11-12, 2006.	Department of Ancient History, D. D. U. Gorakhpur University, Gorakhpur and Akhil Bhartiya Sahitya Parishad.	National	Pracheen Bharat Me Rasayanshastra	10
10.	National Seminar on “ <b>Recent Advances in Chemical Sciences</b> ” during March 28-29, 2007.	Department of Chemistry, D.D.U. Gorakhpur University, Gorakhpur-273 009.	National	Attended	7.5
11.	National Seminar on “ <b>Emerging Trends in Chemical Research</b> ” during September 26-27, 2008.	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009.	National	Attended	7.5
12.	Workshop on “ <b>Uchch Siksha Kee Vartman Sthiti, Chunaution Awam Sambhawanayen</b> ” on November 09, 2008.	GUACTA & Maharana Pratap Mahavidyalaya, Jungle Dhusan, Gorakhpur-273 014.	National	Attended	10
13.	Workshop on “ <b>Uchch Siksha Ki Sthiti: Swavittposhit Mahavidyalayon Ke Sandharbh Meyn</b> ” on March 05, 2010.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273 014.	National	Attended	10

14.	Seminar on <b>“Recent Trends in Chemical Sciences”</b> on October 23, 2010.	St. Joseph’s College for Women, Civil Lines, Gorakhpur-273 009.	National	Attended	7.5
15.	Rashtriya Sangoshthi on <b>“Nath Panth Aur Bhakti Andolan”</b> during October 28-30, 2010.	Maharana Pratap Mahavidyalya, Jungle Dhusan, Gorakhpur-273 014 and Bhartiya Itihas Sankalan Samiti, Goraksh Prant	National	Attended	7.5
16.	Workshop on <b>“Adarsh Shikchak: Acharan Awam Vayawahar”</b> during March 01, 2011.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014.	National	Attended	10
17.	Workshop on <b>“Shachhik Vishyon Ka Vartman Bauddhik Pariprechhy: Ek Vimarsh Awam Shodh Pravidhi ”</b> on March 04-05, 2012.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014.	National	Attended	10
18.	National Conference on <b>“Technological Innovations, Resource Utilisation and Environmental Crisis in India”</b> during February 01-03, 2013.	Department of Geography, D. D. U. Gorakhpur University, Gorakhpur-273 009	National	Chemical Compounds in Mustard Grain	10
19.	1 <sup>st</sup> Uttar Pradesh Science Congress on <b>“Science for Shaping the Future of Uttar Pradesh”</b> during March 02-04, 2013.	D. D. U. Gorakhpur University, Gorakhpur-273 009	National	Attended	7.5
20.	Workshop on <b>“Bhasha Awam Shodh Pravidhi”</b> on March 05-10, 2013.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273 014	National	Attended	20
21.	Workshop on <b>“Vartman Shikshan Pravidhi Awam Anubhav Aadharit Sudhar”</b> during March 02-08, 2014.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014.	National	Attended	20
22.	National Seminar on <b>“Current Trends in Chemical Sciences”</b> during July 12-13, 2014.	St. Andrew’s College, Gorakhpur-273 001.	National	Attended	7.5
23.	Rashtriya Sangosthi on <b>“21th Shatabdi Me Bharat-Nepal Sambhand: Chunaution Awam Vikalp”</b> during February 14-15, 2015.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014	National	Attended	7.5
24.	<b>“Ek Divseeeya N-List Upyogkarta Hetu Jagrukata Karyashala”</b> on July 10, 2015.	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014 and Information and Library Network Centre, Gandhinagar-382007.	National	Attended	5
25.	Rshtriya Sangosthi on <b>“Nath Panth: Sadhna Aur Darshan”</b> during July 02-03, 2016.	Guru Shri Gorakshnath Mandir, Gorakshnath, Gorakhpur Avon Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273 014	National	Attended	5
26.	Workshop on <b>“Shaikshik Prashasan Avam Gunwatta: Kuchh Naye Prayog”</b> on August 28, 2016.	Swavittposhit Mahavidyalaya Pracharya Parishad, Gorakhpur & Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273 014	National	Attended	10

27.	Ek Divseeeya Sangosthi on “Akadamik Unnayan Avam Shaikshik Gunwatta” on October 27, 2016.	IQAC, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273 014	National	Attended	3
28.	“Workshop on Science Comics” on February 03-07, 2017.	National Council for Science and Technology Communication, Department of Science and Technology, Government of India (NCSTC-DST-GOI), Indian Science Communication Society (ISCOS) & Maharana Pratap P.G. College, Jungle Dhusan, Gorakhpur-273 014	National	Attended	20
29.	Workshop on “Varshik Rapat Awam Anubhav Aadharit Sudhar” on March 5-11, 2017.	IQAC, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur-273014	National	Attended	20

#### EDUCATIONAL TRAINING:

Name of Course	Organised by / Held at	Duration	Grade Obtained
69 <sup>th</sup> Orientation Course	U.G.C. Academic Staff College, D. D. U. Gorakhpur University, Gorakhpur-273 009	From June 02 to June 29, 2007,	A
09 <sup>th</sup> Refresher Course in Chemistry	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009	From November 17 to December 07, 2007	A
10 <sup>th</sup> Refresher Course in Chemistry	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009	From January 17 to February 06, 2012	A
11 <sup>th</sup> Refresher Course in Chemistry	Department of Chemistry, D. D. U. Gorakhpur University, Gorakhpur-273 009	From January 10 to January 30, 2014	A
Short Term Course in Chemistry on the topic “Analytical Chemistry and Measurement Science”	Department of Chemistry and U. G. C. Academic Staff College, D.D.U. Gorakhpur University, Gorakhpur-273 009	From October 09 to October 15, 2014	A

#### PARTICIPATION IN DEPARTMENTAL ACTIVITIES:

S. No.	Program	Organised by / Held at	Date	Role in Program
1	Lecture Competition (UG Level)	Chemistry Department, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	26 October, 2016	President & Member in Judging Committee
2	Lecture Competition (PG Level)	Chemistry Department, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	09 November, 2016	President & Member in Judging Committee
3	Educational Tour to Lucknow	Chemistry Department, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	22 January, 2016	Convener
4	Special Lecture on the topic “Stereochemistry in Drugs Molecule” by Dr. Nagendra Nath Yadav, Assistant Professor, Chemistry Department, NERIST, Itanagar	Chemistry Department, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	02 February, 2017	President

**PARTICIPATION IN COLLEGE ACTIVITIES:**

<b>S. No.</b>	<b>Program</b>	<b>Organised by/ Held on</b>	<b>Date</b>	<b>Role in Program</b>
1	<b>Mahant A vaidnath Smriti Vyakhyanmala</b> (From 26 August to 01 September, 2016)	Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	30 August, 2016	Lecture Presentation on the topic “ <b>Pracheen Bharat Men Rasayan Vigyan</b> ”
2	<b>Swakchhik Shramdan</b>	NSS, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	22 October, 05 November & 12 November, 2016	Cleaning of Badminton Ground
2	<b>Poster Making Competition</b> in Yuva Mahotsav	Maharana Pratap P. G. College, Jungle Dhusan, 2Gorakhpur	18 November, 2016	Member in Judging Committee
3	<b>Vigyan Pradarshni</b>	Zoology Department, Maharana Pratap P. G. College, Jungle Dhusan, Gorakhpur	17 December, 2016	Member in Judging Committee

**ADMINISTRATIVE EXPERIENCE:**

<b>Session</b>	<b>Name of the Post</b>
<b>2005-2006</b>	Assistant Proctor, Assistant Centre Superintendent (University Examination)
<b>2006-2007</b>	Assistant Proctor, College Examination Controller, Laboratory In-Charge, Co-Convener, Lecture Competition
<b>2007-2008</b>	Assistant Proctor, College Examination Controller, Assistant Centre Superintendent (University Examination)
<b>2008-2009</b>	Chief Proctor, Assistant Centre Superintendent (University Examination)
<b>2009-2010</b>	Library In-Charge, In-Charge, Alumni Student Association, Assistant Centre Superintendent (University Examination),
<b>2010-2011</b>	Convener, Admission Committee, College Examination Controller, Assistant Centre Superintendent (University Examination)
<b>2011-2012</b>	Office In-Charge, Co-Convener Admission Committee, Member, Internal Quality Assurance Cell (IQAC)
<b>2012-2013</b>	In-Charge, Student Union, Assistant Proctor, Member, Internal Quality Assurance Cell (IQAC), In-Charge, Alumni Student Association
<b>2013-2014</b>	Co-Convener, Admission Committee, Member, Internal Quality Assurance Cell (IQAC), Assistant Centre Superintendent (University Examination)
<b>2014-2015</b>	Assistant Proctor, Member, Internal Quality Assurance Cell (IQAC), Assistant Centre Superintendent (University Semester Examination-2015)
<b>2015-2016</b>	Laboratory In-Charge, Assistant Proctor, Member, Internal Quality Assurance Cell (IQAC), Member, Research Committee, Assistant Centre Superintendent (University Semester Examination-2016)
<b>2016-2017</b>	Laboratory In-Charge, Member, Internal Quality Assurance Cell (IQAC), Assistant Centre Superintendent (University Semester Examination-2017)
<b>2017-2018</b>	Laboratory In-Charge, Member, Internal Quality Assurance Cell (IQAC), Member, Admission Committee.

**TEACHING METHODS ADOPTED:**

1. Pre-Declared Teaching Plans.
2. Abstract & Lectures According to Teaching Plan.
3. Power Point Presentation.
4. Use of Chart and Molecular Models
5. Remedial Classes.
6. Class Teaching by Students.
7. Group Discussion.
8. Monthly Test.

**LTST OF EQUIPMENTS HANDLED:**

- ✓ UV/VIS Spectrophotometer, Hitachi (Japan), Model U-2000.
- ✓ Refrigerated Centrifuges, Sigma (Germany) Model 3K-30 and IBC (India), Model IBC-25.
- ✓ Amicon Hollow Fiber Concentrator with Accessories, Amicon (USA), Model CH-2A.
- ✓ Freeze Dryer, SICO (India), Model 80 MP.
- ✓ Fluorescence Spectrophotometer, Hitachi (Japan), Model F-2500.
- ✓ UV-VIS Spectrophotometer, SPECORD (Germany), Model-200.
- ✓ Ultrasonic Disintegrator, Mesonix, Model XL-2020.
- ✓ Fraction Collector, Frac-100 and a few columns, Pharmacia (Sweden).

**STRENGTH:**

- ✓ Target Oriented
- ✓ High Level of Energy and Enthusiasm
- ✓ Positive Attitude

**HOBBIES AND ACTIVITIES:**

- ✓ Reading Books and News Paper
- ✓ Listening News
- ✓ Kitchen Gardening

**DECLARATION:**

I hereby declare that the above informations are true to best of my knowledge.

**Place:** Gorakhpur

**Date:**

**(Dr. Shiv Kumar Vernwal)**