

## CURRICULUM-VITAE

### Dr. Vivek Kumar Pandey

Assistant Professor

Head, Department of Environmental Science,  
V. B. S. Purvanchal University, Jaunpur (U.P.) India - 222003  
Mob No.- 6394337310, 9415893594  
Email- drvivekpandey4@gmail.com



#### TEACHING EXPERIENCE –

- 14 years of teaching experience in VBS Purvanchal University Jaunpur
- **Guided Ph.D. student- 02 (01 Awarded and 01 is pursuing)**

#### EDUCATIONAL QUALIFICATION

- **Ph.D. in Biotechnology in 2008** from Department of Biotechnology, V.B.S. Purvanchal University Jaunpur,  
**TITLE** :“Studies on Lignocellulosic Wastes Degradation and Enzymes Activities During Oyster Mushroom Cultivation”.  
**Supervisor** : Prof. M. P. Singh, Former Head – Department of Biotechnology, V.B.S. Purvanchal University Jaunpur
- **M.Sc. in Environmental Science**, From Mansarovar Global University Sheore, M.P. 2020
- **M.Sc. in Biotechnology**, From V.B.S. Purvanchal University Jaunpur, U.P in 2001.  
**Project topic** Fusarium moniliforme induced ripening of banana fruits”  
**Supervisor:** Prof. D.K. Chakrabarti, N.D.U.A.T Kumarganj, Faizabad, U.P.
- **Bachelor of Science** – From Tilak Dhari P.G.College Jaunpur, in **1999**.
- **Inter mediate (10+2)** – From RHS Inter College Singramau U.P. Board Allahabad in **1994**.
- **High school** – From RD Inter College Saifabad Pratapgarh U.P. Board Allahabad in **1992**.

#### AREA OF INTEREST: Bioremediation

Environmental pollution abatement through Microbiological and Biotechnological tools.

#### PROFESSIONAL QUALIFICATION

Diploma in Food Science 1996- Ist-72.7% Govt.Food Science Institute, Kotdwara, Pauri Garhwal (U.P.)

#### RESEARCH AND WORKING EXPERIENCE

1. 3 years research experience as project fellow UGC Major Research project New Delhi, Since 1<sup>st</sup> August 2003-to-31<sup>st</sup> July 2006.
2. 1 year research experience Project on “Fusarium moniliforme induced ripening of banana fruits” Biotechnological approach from 1<sup>st</sup> May 2001 to April 2002 NDUAT Kumarganj, Faizabad, U.P.
3. One month Training on NRCM Solan, Himanchal Pradesh-India in 2006
4. Guest lecturer in the Department of Environmental science from 11Feb 2008 – 19Feb 2010
5. Lecturer on contract in the Department of Environmental science from 20 Feb2010 - continue

#### AWARD AND HONOUR

- N.C.C. B Certificate holder
- Krisi mandi samiti scholarship in B.Sc.
- Training on **NRCM Solan, Himanchal Pradesh, INDIA** 5<sup>th</sup> June 2006 - 04<sup>th</sup> July 2006
- 2008 Skill development programme for Biotechnology **MSME Govt. of India**. 27<sup>th</sup> March.2008 to 24<sup>th</sup> April
- **Orientation programme** from Academic staff college **Allahabad University Allahabad** U.P. India 4<sup>th</sup> January to 31<sup>st</sup> January
- **Refresher course** from Academic staff college **Jawaharlal Nehru University (JNU) New Delhi** India from 1<sup>st</sup> April 2012 to 27<sup>th</sup> April 2012 in Environmental Science from
- Training programme on Academic leadership from centre of Academic leadership and Education Management under the scheme of Pandit Madan Mohan Malvia National mission on teachers and teaching 19<sup>th</sup> Feb To 24<sup>th</sup> Feb 2018

#### MEMBERSHIP OF PROFESSIONAL/ ACADEMIC BODIES, SOCIETIES IN DETAILS:

1. Mushroom Society of India NRCM Chambaghat, Solan
2. Member of Scientific Advisory Committee: National conference on Biotech World 2010 organized by department of Biotechnology Dayanand Academy of Management Studies Kanpur; Feb. 2010
3. The UP association for science and technology life membership No. 277/296
4. The Academy of environmental biology (Life Membership No. - 639 )
5. Member of organizing committee: national conference on frontiers in biological sciences organized by faculty of sciences, VBS Purvanchal University Jaunpur 4-5 Dec 2011
6. Member of organizing committee: national conference on Biotechnology and human welfare : New vistas by Department of Biotechnology, VBS Purvanchal University Jaunpur 21-22 March, 2015
7. ACS of B. Ed entrance examination in university campus

8. ACS of semester examination in university campus
9. Observer in the annual examination of university affiliated colleges in 2015, 2016, 2017
10. Observer in the enter collegiate athletics game male and female from 14 Nov 17 - 17 Nov 2017

## PUBLICATIONS

### Research Articles

1. Sharma, S. V., Pandey, V. K. and Singh, S. (2024) Decolorization of Azo Dyes Using Immobilized Bacterial Isolates from Lentic Ecosystem. *J. Env. Bio-Sci.*, Vol. 38 (1), June-2024: 99-103. ISSN 0973-6913 / e-ISSN 0976-3384.
2. Siddharth, Sharma, S. V., Pandey, V. K., (2024) Isolation and Characterization of Microorganisms Involved in Biogas Production from Agricultural Waste. *International Journal of Scientific Research in Science and Technology*. Vol.11,(2):718-730, ISSN:2395-6011, Online ISSN:2395-602X doi: <https://doi.org/10.32628/IJSRST24112118>
3. Sharma, S.V., Pandey, V.K., Singh, A.K., (2023) Decolourization of Textile Dyes with Biotechnological Potent Bacterial Isolates Vol. 10 (3) 420-433. *International Journal of Scientific Research in Science and Technology* ISSN: 2395-6011 | Online ISSN: 2395-602X ([www.ijrst.com](http://www.ijrst.com)) doi : <https://doi.org/10.32628/IJSRST52310384>.
4. Bhardwaj A K., Kumar V, **Pandey, V K.**, Naraian, R., Gopal, R., Bacterial Killing Efficacy of Synthesized Rod Shaped Cuprous Oxide Nanoparticles using Laser Ablation Technique. *SN Applied Sciences*. Manuscript Number : SNAS-D-19-02748R1
5. **Pandey, V.K.**, Kumar, N, Bhardwaj, A.K, (2018) Isolation and Screening of Azo Dyes Tolerant Bacteria in Semi-Scale Industrial Effluents *J. Chem. En. Sci. A.*, Vol. 4, No.2, March 2018, pp.59–61.
6. Pandey, A.K, Vishwakarma, S.K, Srivastava, A.K, **Pandey, V.K.**, 2014 Production of lignolytic enzyme by white rot fungi on lignocellulosic wastes using novel pretreatment. *Cell. Mol. Biol* 60(5):41-45.
7. **Pandey, V.K** & Singh, M.P., 2014 Biodegradation of *wheat straw* by *Pleurotus ostreatus*. *Cell. Mol. Biol.* **60(5)**:29– 34.
8. Srivastava, A.K, Vishwakarma, S.K, **Pandey, V.K** and Singh, M.P., 2014 Direct red decolorization and lignolytic enzymes production by improved strains of *Pleurotus* using basidiospore derived monokaryons. *Cell. Mol. Biol.* 60(5):15-21.
9. Singh, M.P., Pandey, A.K, Vishwakarma, S.K, Srivastava, A.K, **Pandey, V.K.**, 2012 Extra cellular Xylanase production by *Pleurotus* species on lignocellulosic wastes under in vivo condition using novel pretreatment. *Cell. Mol. Biol.* 58(1):170-173.
10. **Pandey, V.K** & Singh, M.P., 2012 Biodegradation of sugarcane bagasse by *Pleurotus citrinopileatus*. *Cell. Mol. Biol.* **58(1)**: 8-14.
11. Vishwakarma, S.K, Singh, M.P., Srivastava, A.K, and **Pandey, V.K.**, 2012 Azo dye (Direct blue 14) decolorization by immobilized extracellular enzymes of *Pleurotus* species. *Cell. Mol. Biol.* 58(1):21-25.
12. Singh, M.P., **Pandey, V.K.**, Srivastava, A.K. and Vishwakarma, S.K. 2011. Biodegradation of brassica haulms by white rot fungus *Pleurotus eryngii*. *Cell. Mol. Biol.* 57(1): 47-55.
13. Singh, M.P., **Pandey, V.K.**, Srivastava, A.K., and Vishwakarma, S. 2011. Enzyme technology and mycoremediation by white rot fungi. In: *Recent Trend in Biotechnology Vol. 2*, M. P. Singh, A. Agrawal and B. Sharma (eds.), Nova Science Publishers, New York (USA), pp.157-163.
14. Singh M.P, **Pandey V.K**, Pandey AK, Srivastava AK, Vishwakarma NK and Singh V.K. (2008) Production of xylanase by white rot fungi on wheat straw. *Asian J Microbiol Biotechnol Environ Sci.* **10** (4): 859-862.
15. Singh M.P, Srivastava A.K, Vishwakarma S.K, **Pandey V.K**, Pandey A.K and Singh S.K. (2007) Extracellular enzyme activity by *Pleurotus* species on vegetable wastes. *Mush. Res.* **16**, 93-97.
16. Singh M.P, Srivastava A.K, Vishwakarma S.K, **Pandey V.K**, Pandey A.K and Singh S.K. (2007) Extracellular enzyme profiles by white rot fungi on lignocellulosic wastes. *Poll. Res.* **26**: 445-448.
17. Singh M.P, Srivastava A.K, Vishwakarma S.K, **Pandey V.K**, Pandey A.K and Sidhu D.S. (2007) Influence of temperature and pH during radial growth of *Pleurotus* species on different lignocellulosic wastes. *Mount. Res.* **2**:13-18.
18. Singh M.P, **Pandey V.K**, Pandey A.K and Singh S.K. (2006) Effect of temperature and pH on mycelial growth of oyster mushroom (*Pleurotus* species). *Mount. Res.* **1**:15-20.
19. **Pandey V.K**, Chakrabarti D.K and Pandey Alok. (2006) Fusarium Moniliforme-Enzyme induced ripening of Banana fruits. *Journal of Food Science and Technol.* **43**:46-48.

### Popular Articles

- Population Explosion and Environmental Degradation: A Global Challenge. Souvenir. National Science Day (NSD) 2011, VBS Purvanchal University, Jaunpur.
- Role of sciences in developing countries. Souvenir. National Science Day (NSD) 2018, VBS Purvanchal University, Jaunpur.

### Book Chapters

- Mushroom Biotechnology. In: *Recent Trend in Biotechnology Vol. I*, Edited by M. P. Singh, A. Agrawal and B. Sharma (eds.), **Nova Science Publishers**, New York (USA), pp 77-85.

- Article in “Recent trends in Biotechnology Volume 2” Edited by M. P. Singh, Anju Agrawal and Bechan Sharma; to be published by **Nova Publication, Inc., N.Y., USA. Pp-157-161**

**Abstract/Poster in National/ International conference / Seminar: 2006 onward**

- International Conference “Biodegradation of wheat straw by white rot fungus *Pleurotus ostreatus* held on 21,22,23 Feb 2014 at school of Environmental Science BBAU Lucknow, Environmental Technology & Sustainable Development.
- National Conference “Effect of pioneer plants on saline soil” Monitoring of water quality contaminated by pesticides and associated health impact held on 25-26 February 2012 at RSKDPG College Jaunpur, UP.
- International Conference on counselling and community psychology held on 17-19 December 2011 at VBS Purvanchal University Jaunpur, UP
- National Conference “degradation of lignocellulosic wastes by white rot fungi (*Pleurotus*)” Recent advances in Fungal biotechnology held on 22-23 Sept 2011 at Forest Research Institute Deharadun.
- Workshop on assessment and accreditation in colleges: How to make quality management system works. held on 13 December 2011 at VBS Purvanchal University Jaunpur, UP.
- National Conference “Xylanase activity of *Pleurotus* species on lignocellulosic substrates” frontiers in Biological sciences held on 4-5 December 2011 at VBS Purvanchal University Jaunpur, UP.
- National Conference “Electronic wastes: alarming pollution status at Jaunpur (UP) India” frontiers in Biological sciences held on 4-5 December 2011 at VBS Purvanchal University Jaunpur, UP.
- National Conference “Plastic wastes A menace to the environmental health” frontiers in Biological sciences held on 4-5 December 2011 at VBS Purvanchal University Jaunpur, UP.
- National Conference “Status of Biomedical wastes generation at Jaunpur City” frontiers in Biological sciences held on 4-5 December 2011 at VBS Purvanchal University Jaunpur, UP.
- National Conference “degradation of lignocellulosic wastes by white rot fungi (*Pleurotus*)” Recent advances in Fungal biotechnology held on 22-23 Sept 2011 at Forest Research Institute Deharadun, UK.
- National Conference “PGPRs acts as Eco-friendly agent for agriculture” Environmental Problems in India and Challenges to Plant Biologists held on Feb 4 – 5, 2011 at UP College, Varanasi.
- National Conference “Extracellular laccase profile by white rot fungi on sugarcane bagasse” Climate Change and Its Impact on Biological Communities held on Feb 12 – 13, 2011 at Dr. RML Avadh University Faizabad.
- National seminar “Biological efficiency of *Pleurotus* species grown on different lignocellulosic wastes” held on 1-3 October 2010 at National Institute of technology Rourkela.
- National Conference “Azo dye degradation by white rot fungi” Emerging Trends in Biochemistry held on 30 January 2010 by University of Allahabad UP.
- National conference “Role of Mushroom production in Indian Women Entrepreneurship” on Biotech world held on 20 Feb. 2010 at Dayanand Academy of Management Studies, Kanpur
- 5th World Congress of Cellular and Molecular Biology “Bioremediation Potential of White Rot Fungi (*Pleurotus* spp.) to Mitigate Heavy Metal Concentration” held on 02-06 Nov, 2009 at Indore, India.
- National seminar on Contribution of the Vedic Environmental Ethics in conservation of Biodiversity held on 13-14 December, 2008 at Department of Philosophy, T.D.College, Jaunpur.
- International conference “Biodegradation of brassica haulms by white rot fungus *Pleurotus eryngii*” held on 10-11 Feb 2007, on Mushroom biology and Biotechnology organized by The mushroom society of India & National research centre for mushroom Solan H.P. In NRCM Solan H.P.
- National seminar “Solid wastes Biodegradation by white rot fungus *Pleurotus citrinopileatus*” In AICTE sponsored Seminar, on Integrated solid waste management held on dated 27-28 April 2006 Organized by Department of civil engineering & Pariyar centre for environment and energy management, Vallam, Thanjavur, Tamilnadu.
- National Seminar “Improvement of rural economy through mushroom cultivation” on 22-23 April 2006 On Important of Rural economy through mushroom cultivation, organized by Veer Bahadur Singh Purvanchal University Jaunpur UP.
- Workshop on patent awareness organized by Biological science & Business management 31 Feb 2004 V.B.S. Purvanchal University Jaunpur.

**PERSONAL PROFILE**

<b>Father’s Name</b>	KRIPA SHANKER PANDEY
<b>Mother’s Name</b>	SUSHILA PANDEY
<b>Date of Birth</b>	4 <sup>th</sup> January 1977
<b>Permanent Address</b>	1389/24-A, Vivekanand Nagar, Sultanpur - 228001
<b>Nationality</b>	INDIAN

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**VIVEK KUMAR PANDEY**



## CURRICULUM-VITAE

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Assistant Professor

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- 5th June 2006 to 04th July 2006 **NRCM Solan, Himanchal Pradesh, INDIA**
- 27<sup>th</sup> March.2008 to 24<sup>th</sup> April 2008 Skill development programme for Biotechnology **MSME Govt. of India.**
- **Orientation programme** 4<sup>th</sup> January to 31<sup>st</sup> January from Academic staff college **Allahabad University Allahabad U.P. India**
- **Refresher course** from 1<sup>st</sup> April 2012 to 27<sup>th</sup> April 2012 in Environmental Science from Academic staff college **Jawaharlal Nehru University (JNU) New Delhi India**
- 19<sup>th</sup> Feb To 24<sup>th</sup> Feb 2018 Training programme on academic leadership from centre of Academic leadership and Education Management under the scheme of Pandit madan mohan malvia National mission on teachers and teaching

#### PUBLICATIONS

**Research Articles** 19  
**Popular Articles** 02  
**Book Chapters** 02

**PLACE:** \_\_\_\_\_

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**VIVEK KUMAR PANDEY**

## Dr. Vivek Kumar Pandey

Assistant Professor

Applicant in the Department of Biotechnology

V.B.S. Purvanchal University, Jaunpur (U.P.) India

Mob No. 9415893594



### TEACHING EXPERIENCE –

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**TITLE** :“Studies on Lignocellulosic Wastes Degradation and Enzymes Activities During Oyster Mushroom Cultivation”.
- **M.Sc. in Biotechnology in 2001, and Environmental Science in 2020** From V.B.S. Purvanchal University Jaunpur, U.P. and Mansarovar Global University Sheore, M.P. respectively

### RESEARCH & WORKING EXPERIENCE

1. 3 years research experience as project fellow UGC Major Research project New Delhi, Since 1<sup>st</sup> August 2003 - 31<sup>st</sup> July 2006.
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5. **Orientation programme** from Academic staff college **Allahabad University Allahabad U.P. India** from 4<sup>th</sup> January to 31<sup>st</sup> January
6. **Refresher course** from Academic staff college **Jawaharlal Nehru University (JNU) New Delhi India** 1<sup>st</sup> April 2012 to 27<sup>th</sup> April 2012 in Environmental Science
7. Academic leadership Training Programme, Centre of Academic leadership and Education Management under the scheme of Pandit Madan Mohan Malvia National mission on teachers and teaching from 19<sup>th</sup> Feb To 24<sup>th</sup> Feb 2018

### Extension activities

Formers Training Programme for Mushroom Production worked as Trainer

### Other activities

1. ACS in semester Examination University Campus from 2015, 2016, 2017
2. ACS in B. Ed entrance examination in university campus
3. Treasurer in National Conference
4. Assistant coordination in the Evaluation of Copies in Main examination
5. Observer in Main Examination in 2015, 2016, 2017
6. Coordinator in Inter university Youth festival in DDU Gorakhpur University Gorakhpur in 2016
7. Coordinator in Inter university Youth festival in Rajarshi tandan Open University Allahabad in 2017
8. Internal examiner in Semester Practical Exam
9. External examiner in Semester Practical Exam
10. Member of organizing committee: national conference on frontiers in biological sciences organized by faculty of sciences, VBS Purvanchal University Jaunpur 4-5 Dec 2011
11. Member of organizing committee: national conference on Biotechnology and human welfare : New vistas by Department of Biotechnology, VBS Purvanchal University, Jaunpur 21-22 March, 2015
12. Observer in the enter collegiate athletics game male and female from 14-17 Nov 2017

### PUBLICATIONS

**Research Articles 19 (07International & 06 National)**

**Popular Articles 02 (NSD souvenir)**

**Book Chapters 02 (International)**

**Seminar 20 (03 International &17 National)**

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**DATE :** \_\_\_\_\_

**VIVEK KUMAR PANDEY**