

## CURRICULUM VITAE

### **Arvind Kumar Yadav**

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### **Research Interests:**

- Bioprocess Engineering and Technology
- Enzyme Engineering
- Waste Water Engineering

### **Publications:**

- Bhushan I, **Yadav AK**, Verma V; Evaluation of physico-chemical and microbial parameters of Jhajjar rivulet of J&K. 2012;13(3) 61-63, Environment Conservation Journal.
- **Yadav AK**, Bhushan I ;Physico chemical studies of water Quality in Banganga (small river) of Shri Mata Vaishno Devi Katra, J & K. 2012; 13(3) 61-63, Environment Conservation Journal.
- Bhushan I, **Yadav AK**, Parshad R; Enhancement in the production Using fed-batch Fermentation strategy Asiatic Journal of Biotechnology Resources 2011; 2(5) 522-34

### **Workshops/seminars/Conferences recognized by National /International Professional bodies:**

1. Short Term Course on “Biotechnology and Biochemical Engineering” at National Institute of Technical Teachers Training & Research, Chandigarh w.e.f 23<sup>rd</sup> Nov’2009 to 27<sup>th</sup> Nov’2009.
2. Short Term Course on “Biotechnology and Biochemical Engineering” at National Institute of Technical Teachers Training & Research, Chandigarh w.e.f 22<sup>nd</sup> Nov’2010 to 26<sup>th</sup> Nov’2010.
3. Participated in four days workshop on Bioinformatics: Converting Data to Knowledge base sponsored by DBT, Govt. of India, jointly organized by SBT, SMVDU, Katra and School of Biotechnology, University of Jammu, Jammu w.e.f 6<sup>th</sup> Sep’ to 9<sup>th</sup> Sep’,2010.
4. Staff Development programme on “Biotechnological Interventions in Food Processing at Department of Food Engineering and Technology, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab w.e.f 12<sup>th</sup> March to 17<sup>th</sup> 2012.

5. Attended UGC General Orientation Course at ASC University of Jammu w.e.f 22<sup>th</sup> Nov, 2012 to 17<sup>th</sup> Dec, 2012.
6. Attended Refresher Course at UGC-ASC, Kumaun University Nainital in the subject “Life Sciences” w.e.f 09<sup>th</sup> July, 2013 to 29<sup>th</sup> July, 2013.
7. Attended two week ISTE workshop on Database Management System, under the National Mission on Educational through ICT in the remote centre, SMVDU, Katra w.e.f 21<sup>th</sup> May’ to 31<sup>th</sup> May’,2013.

#### **Papers Presented at Conferences:**

- *Molecular Modelling and Drug Docking studies on Cystathione-Beta-Lyase in Salmonella Enteric*; Silver Jubilee Symposium on Bioinformatics, Pondicherry University, Pondicherry 02<sup>th</sup> Feb’, 2011
- *Partial characterization of lipase from Aspergillus niger in submerged fermentation: used for synthesis of organic compounds*; National Seminar on Emerging trends in Biotechnological Research, Mewar Institute, Ghaziabad, 28<sup>th</sup> October, 2012.
- *Comparative study on microbial detoxification of parathion*; National Seminar on Energy Environment and Biotechnology Research (NCEEER-2013) at Mewar Institute, Ghaziabad, 05<sup>th</sup> October to 06<sup>th</sup> October 2013.
- *Detoxification of pesticides by microorganisms isolated from natural sources*: 4th International Conference on Psychology and Allied Sciences,Goa, 16-18 Jan, 2016.
- *Analysis of malathion degradation by Pseudomonas sp. with the help of spectrophotometric method* National Conference on Recent Advances on Materials Science and Spectroscopy-2017, Feb 15-17-2017 at SMVU, Katra, J& K

#### **Academic Qualification**

<b>Qualification</b>	<b>University</b>	<b>Duration</b>
M.Tech (Biochemical Engineering)	IIT,BHU,Varansi	2005-07
B.E. (Biochemical Engineering)	Kumaon University, Nainital	2000-04

#### **Memberships of Professional Societies**

- Life Member of Biotech research Society of India (BRSI)

#### **National Level Exams Qualified**

- Qualified GATE 2005 in Life Science discipline

#### **Scholarships & Awards**

- Received full time scholarship during the period of M.Tech. from MHRD, Govt. of India