

## Kumaun University, Nainital

### Curriculum Vitae

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Name : Dr Mayank Pandey  
Designation : Assistant Professor (Contractual)  
Department : Biotechnology

#### Contact Information

- Email Address : pandeymayank80@gmail.com
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LinkedIn Profile (Optional) :

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Scopus ID : 57212154090

Vidwan ID : 514259

#### Educational Qualification

Degree	University	Subjects	Year
B.Sc.	Kumaun University Nainital	Zoology, Botany, Chemistry	2003
M.sc.	G.B.P.U.A&T Pantnagar	Biochemistry(Major) Molecular Biology & Biotechnology (Minor)	2005
Ph.D	G.B.P.U.A&T Pantnagar	Molecular biology & Biotechnology (Major) Plant Physiology (Minor)	2010

#### Work Experience

Position	Department	University/Organization	Year
Junior Research Fellow	Department of Plant Pathology	G.B.P.U.A&T Pantnagar	2007-2010
Assistant Professor (Contractual)	Department of Biotechnology	Kumaun University Nainital	2010-Till Date

#### Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Departmental Coordinator NAAC	To collect, compile and disseminate departmental information on various quality parameters to University.	Kumaun University Nainital	2023-24
Departmental Placement Cell Incharge	Finding out placement requirements and	Kumaun University Nainital	2023-24

	taking personal counselling of students.		
Committee Member of University Bulletin बाखली	To collect relevant creative and artistic contents from students and staff member of Sir J.C.Bose, Technical Campus, Bhimtal Followed by Editing & Publishing.	Kumaun University Nainital	2023-24
Member Departmental Admission Committee	To check original documents of the students, prepare list of admitted students and to submit to HOD.	Department Of Biotechnology, Kumaun University Nainital	2010-Till date

### Research Interests

Basically, Plant Molecular Biologist, studying functioning of plants under adverse environmental conditions prevalent due to climatic change. From last couple of years, develop interest in exploring 'Life Skills' among adolescents

### Publications

#### a) Research Papers

Authors name	Title of the paper	Vol, page no	Year
Deepika Pant Pandey and Mayank Pandey	Assessment of life skills among secondary school students of district Nainital, Uttarakhand India	International Journal of Literacy and Education 2024;4(1):165-169	2024
Deepika Pant Pandey and Mayank Pandey	Impact of parents educational and occupational background on life skills among school going adolescents from Nainital district of Uttarakhand	International Journal of Home Science 2024;10(1):04-08	2024
Neha Faridi...Mayank Pandey and Madhu Bala	Evaluation of primer specificity used for detection and formation of Viable But Non-Culturable forms of <i>Ralstonia solanacearum</i>	Eco. Env. & Cons. 27 (February Suppl. Issue) : 2021; pp. S381-S385	2021
Tara Singh Bisht , Mayank Pandey and Veena Pande	Impact of different nitrogen sources on biomass growth and lipid productivity of <i>Scenedesmus</i> sp. for biodiesel production	Algal Biomass Utln. 7 (4): 28-36	2016
Tara Singh Bishth, Amit Panwar, Mayank Pandey and Veena Pande	Algal biofuel and their impact on Agriculture and Environment	International Journal of Current Microbiology and Applied Sciences Volume 4 Number 10 (2015) pp. 586-60	2015

Veena Pande, Sushil Kumar Middha, Nitin Kumar Sharma, Yogesh Lohani, Mayank Pandey	Ectomychorrizal DB: a symbiotic association database	Bioinformation 2012;8(2):104-6.	2012
Rajeev Bahuguna....., Mayank Pandey, J. Kumar,	Thiamine primed defense provides reliable alternative to systemic fungicide carbendazim against sheath blight disease in rice ( <i>Oryza sativa</i> L.)	Plant Physiology and Biochemistry	2012
Y. Arocha, A. Singh, M. Pandey,.... E. Boa.	New plant hosts for group 16SrII, 'Candidatus <i>Phytoplasma aurantifolia</i> ', in India	Plant Pathology	2009
Rajeev N. Bahuguna, Mayank Pandey,.... Alok Shukla	Physiological evaluation of <i>Trichoderma harzianum</i> against sheath blight in rice.	Indian Journal of Plant Physiology	2009

b) Patents: Nil

Authors name	Title of the patent	Patent no (Granted or filed)	Year

c) Books : Nil

Authors name	Title of the book	Publisher	ISBN	Year

d) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Neelam Garg & Abhinav Aeron	Microbes in action  Biofuel from Microalgae: Biohydrogen, Bioethanol, Biodiesel  Chapter 15 page 337	Nova Science, New York, USA	9781634845205	2017
Deepak Paliwal, Rajesh Chandra Paliwal, Gagan Singh	Uttarakhand: various dimensions  Antimicrobial prospects of Basidiomycetes of central Himalayan region  Chapter 18 page 208	Anamika Publishers & Distributors, New Delhi	9788179754313	2011

e) Conference Publications/Proceedings

Authors name	Title of the paper	Conference name	Year

**Projects:** Nil

Title of the project	Funding agency	Amount (Rs)	Year

**Teaching details**

Name of the course/paper	Department	University	Year
Biochemistry and Cell Biology	B.Sc Biotechnology	M.B.P.G College, Haldwani	2011-16
Pharm. Biotechnology	B.Pharm. VI Semester	Department Of Pharmaceutical Sciences, Kumaun University Nainital	2014-18
Cellular & Molecular Pharmacology	M.Pharm. I Semester	Department Of Pharmaceutical Sciences, Kumaun University Nainital	2017
Biochemistry	M.Sc Biotechnology/ Microbiology	Department Of Biotechnology, Kumaun University Nainital	2019-20 2022-23
Molecular Biology	M.Sc Biotechnology/ Microbiology	Department Of Biotechnology, Kumaun University Nainital	2010-Till
Bacterial Metabolism	M.Sc Microbiology	Department Of Biotechnology, Kumaun University Nainital	2011-Till
Plant Biochemistry & Biotechnology	M.Sc Biotechnology	Department Of Biotechnology, Kumaun University Nainital	2018-19 2021-22

**Professional Memberships:** Nil

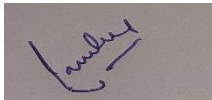
Organization	Position	Year

**Honours and Awards**

Award	Awarding Organization	Year
Prof.D.N.Agarwal Research Award	Kumaun University	2021

### Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Screening of medium grain scented rice Kalanamak for their Sodicity tolerance using Physiological and Biochemical apporoches	4 <sup>th</sup> UCOST Congress- 2009	G.B.P.U.A&T Pantnagar	2009



**Signature of the faculty member**