


## Curriculum Vitae

<b>Full Name:</b>	Dr. NANDAN SINGH			
<b>Designation</b>	Assistant Professor			
<b>Department:</b>	Department of Pharmaceutical Sciences			
<b>Campus:</b>	Srinagar/Chauras			
<b>Communication Address</b>	Department of Pharmaceutical Sciences HNB Garhwal University (A Central University), Chauras Campus, P.O. Kilkilleshwar, Via Kritinagar Distt. Tehri Garhwal, Pin-249161, Uttarakhand			
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<b>Educational Qualification:</b>	M. Pharm., MBA., Ph.D.			
<b>Teaching Experience</b>	2 Yrs	<b>Research Experience</b>	6 yrs	
<b>Research Interest and Fields of Specialization</b>				
<ol style="list-style-type: none"> <li>1. Opportunistic fungal infections <i>Candidiasis</i>.</li> <li>2. <i>In-vitro</i> and <i>in-vivo</i> evaluation of anti-candida activity of plant based molecule and its derivatives.</li> <li>3. Mechanistic study</li> <li>4. Antimicrobial susceptibility testing</li> <li>5. Toxicity Studies</li> <li>6. Drug resistance in fungi</li> </ol>				
<b>Administrative /Academic committees and responsibilities</b>				
<b>Membership of Scientific Organizations</b>				
<b>Research Supervision</b>				
<b>MoU:</b>				
<b>Conference/Symposium/Workshop</b>				
<ol style="list-style-type: none"> <li>1 Two Day symposium JIGYASA 2014 CSIR - Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), LUCKNOW 13<sup>th</sup> and 14<sup>th</sup> of December 2014.</li> <li>2 International Conference on Harnessing the sub-Himalayan Plant Diversity for Human Welfare, Dibrugarh University Assam 11-13 March 2015.</li> <li>3 4<sup>th</sup> Indian National Seminar of ASIAN NETWORK OF RESEARCH ON ANTIDIABETIC PLANTS (ANRAP) PLANTS IN DIABETES: PROSPECTS &amp; CHALLENGES, 13 March 2015 Dibrugarh university, Assam, India</li> <li>4 International Conference on Medicinal Plants: Resource for Affordable New Generation Healthcare CSIR - Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), LUCKNOW March 20-22, 2015.</li> <li>5 तीन दिवसीय संगोष्ठी सी. एस. आई. आर - केन्द्रीय औषधीय एवं सगंध पौधा संस्थान तथा हिन्दी विज्ञान साहित्य परिषद, भाभा परमाणु अनुसंधान केन्द्र मुम्बई के संयुक्त तत्वाधान में हिन्दी में 'कृषि, उर्जा एवं स्वास्थ्य के विकास में विज्ञान के नवीनतम आयाम 4-6 नवम्बर 2015.</li> <li>6 JIGYASA-2015 "Translating MAPs Research for Mankind" 28-29 November 2015.</li> </ol>				

- 7 INSA JIGYASA 2017 “Recent Exciting Development in MAPs CSIR - Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) 22-23 February, 2017
- 8 One-day Workshop-Cum-Training programme on Pharmacovigilance for NABH accredited Hospital on 26<sup>th</sup> July 2019 at Yashoda Super Speciality Hospital, Kaushambi, Ghaziabad, India
- 9 Attended the full agenda of the DST & ACS workshop: UCOST Dehradun November 25,2019
- 10 Plant Specialized Metabolism and Metabolic Engineering (PSMME-2020) 14-16 October 2020 CSIR - Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP)

#### Book Chapter, Books

- 1 Singh, P., Kapkoti, D.S., **Singh, N.**, Tewari, R., Saikia, D., Rout, P.K., Pandey, R., Bhakuni, R.S., 2019. Biotransformation of artemisinic acid by the fungus *Trichothecium roseum* and anti-candidal activity of its metabolites. *Biocatalysis and Biotransformation* 37, 304-309. <https://doi.org/10.1080/10242422.2018.1552265>
- 2 Kumar, A., **Singh, N.**, Kurmi, A., Tripathi, S.B., Chauhan, S., 2017. Potential Drug Targets for Neuroregeneration and Repair. *JAPLR* 4. <https://doi.org/10.15406/japlr.2017.04.00109>
- 3 Padalia, R.C., Verma, R.S., Chauhan, A., Goswami, P., Singh, V.R., Verma, S.K., **Singh, N.**, Kurmi, A., Darokar, M.P., Saikia, D., 2018. p-Menthenols chemotype of *Cymbopogon distans* from India: composition, antibacterial and antifungal activity of the essential oil against pathogens. *Journal of Essential Oil Research* 30, 40-46. <https://doi.org/10.1080/10412905.2017.1375035>
- 4 Gupta, M., Rout, P.K., Misra, L.N., Gupta, P., **Singh, N.**, Darokar, M.P., Saikia, D., Singh, S.C., Bhakuni, R.S., 2017. Chemical composition and bioactivity of *Boswellia serrata* Roxb. Essential oil in relation to geographical variation. *Plant Biosystems -An International Journal Dealing with all Aspects of Plant Biology* 151, 623–629. <https://doi.org/10.1080/11263504.2016.1187681>
- 5 Padalia, R.C., Verma, R.S., Chauhan, A., Goswami, P., Singh, V.R., Verma, S.K., Darokar, M.P., Kurmi, A., **Singh, N.**, Kurmi, A., Saikia, D., Chanotiya, C.S., 2017. Essential Oil Composition and Antimicrobial Activity of Methyl cinnamate-Linalool Chemovariant of *Ocimum basilicum* L. from India *Rec.Nat.Prod.* 11:2 193-204