1. Name of faculty member: Kapil Khulbe

2. Designation: Assistant Professor

3. Qualification: Ph.D, CSIR- NET

4. Area of Specialization/ Research field: Microbiology, Plant bio-activity

5. Awards/ Recognitions: CSIR-NET

6. Number of Research projects:

i) Completed: 4

Sl. No.	Title of the project	Funding Agency	Amount (Rs.)	Year (From - To)
1.	Assessment of antimicrobial and antioxidant potentiality of some gymnosperms of Kumaun Himalaya	DBT, New Delhi	12,09,600/=	2014-2017
2.	Altitudinal variation in chemical composition and antioxidant activity of T. orientalis	UGC	75,000/=	2017
3.	Antifungal activity of medicinal plants against plant pathogens using germination inhibition assay	DBT, New Delhi	8,00,000/=	2018-2019
4.	Exploration of root endophytic aquatic hyphomycetes from Kumaun Himalaya (Co P.I.)	DBT, New Delhi	8,00,000/=	2018-2019

ii) On-going: Nil

7. Number of Ph. D. Candidates successfully completed: 02

8. Number of Ph. D. Candidates currently working: **02**

9. Publications:

i) Books: **01**

Sl. No.	Co- Author/s	Title	Publisher	Year of publication
1.	M. Tewari, A. Tewari	Environmental Studies	I. K. International	2009

ii) Research Articles published in journals:

1. K. Khulbe and Sati S.C. (2009). Antibacterial activity of *Boenninghausenia albiflora* Reichb. (Rutaceae). African Journal of Biotechnology. 8 (22), 6346-6349.

2. Melkani A.B; Negi, A.; Sati, S.C.; Khulbe, K.; Dev, V. (2010).Terpenoid composition and antimicrobial activity of the essential oil from *Salvia nubicola* Wall Ex. Sweet. Journal of Essential oil Research.

3. Sati, S.C.; K. Khulbe and S., Joshi (2011). Antibacterial evaluation of the Himalayan medicinal plant *Valeriana wallichii* DC. (Valerianaceae). Res. J. Microbiology. (6)289-296

4. Khulbe K. and Sati SC (2011). Antibacterial potential evaluation of rhizome extracts of *Bergenia ciliata* (Haw.)Sternb. The Scientific Temper. 2: 33-36

5. Sati, S.C., Takuli, P., Kumar, P. and Khulbe, K. 2015. Antibacterial activity of three medicinal plants of Kumaun Himalaya against some infection causing Pathogens. World Journal of Pharmaceutical Research. 4990(10): 998-1011.

6. Khulbe, K.; Verma, U; Pant, P. (2016). Determination of Phytochemicals and in vitro antioxidant activity of different extracts of Himalayan Cypress (*Cupressus torulosa* D. Don) 6(2): 259-266.

7. Padalia, K; Bargali, S.S; Bargali, K.; Khulbe, K (2018). Microbial biomass carbon and nitrogen in relation to cropping systems in Central Himalaya, India. Current Science. 115 (9): 1741-1750.

8. Pant, P; Khulbe, K.; Pant, C (2019). Essential oil composition and antioxidant, antibacterial activity of leaf extract of *Persea Odoratissima* (Nees) (2019). European Journal of Pharmaceutical Sciences 5 (4):527-536.

9. Takuli, P; Khulbe, K; Kumar, P; Parki, A; Syed, A; Elgorband, M (2020). Phytochemical Profiling, Antioxidant and Antibacterial Efficacy of a Native Himalayan Fern: *Woodwardia unigemmata* (Makino) Nakai. doi: doi.org/10.1016/j.sjbs.2020.06.006

iii) Papers presented in Conferences/ Seminars

Sl. No.	Title of the paper	Title of conference/seminar	Year
1.	Role of specific Rhizospheric Bacterial Response in Atmospheric Carbon	International congress on Ecological Integrity and Environment Ethics	2014
2.	In vitro antibacterial activity of Berberis aristata (DC)	9th Uttarakhand State Science and technology congress	2013
3.	Evaluating the role of oxalotrophic bacteria in long term carbon sequestration; a new approach	National workshop on retrospective and prospective analysis of Indian agriculture; The roadmap ahead	2014

iv) Articles/review articles published in book/journals:

Sl. No.	Title of the paper	Title of the book/ journal	Editor/ Publisher	Year of publication	Page No.
1.	Studies on antifungal activity of the plant *Zanthoxylum armatum* (Rutaceae)	Microbes: Diversity and Biotechnology	S.C. Sati and M. Belwal	2012	325-332
2.	Sustainability and threats to MAPs	Course material for UOU	Uttarakhand Open University		
3.	Collection and processing of MAPs	Course material for UOU	Uttarakhand Open University		
4.	Characters, Economic importance, Classification and General account of major classes of Fungi	Microbiology, Mycology and Plant Pathology	Uttarakhand Open University	2018	107-139

v) Monographs/ Reports:

1. Kapil Khulbe (2018). Assessment of antimicrobial and antioxidant potentiality of some gymnosperms of Kumaun Himalaya. Final report submitted to DBT, New Delhi.
2. Kapil Khulbe (2018). Altitudinal variation in chemical composition and antioxidant activity of T. orientalis. Final report submitted to Kumaun University, Nainital

vi) IPR Registered/ Award: - nil

10. Conference/ Seminar organized:

Sl. No.	Status as organizer	Title of the conference/ seminar	Year and dates
1.	Member	6th Uttarakhand State Science and Technology Congress	2011

11. Session chaired in Conferences/ Seminars: nil

12. Academic/ Administrative position held:

Sl. No.	Chairman/Member/secretary	Committee/ Authority	Year (From - To)
1.	Chairman/Member	Admission Committee	2011-2018
2.	Member	Proctor Board	2016 till date
3.	Member	Examination Committee	2011-2020
4.	Member	Exam Evaluation Committee	2018

13. Membership to professional Organization/ Associations:

Sl. No.	Name of the Association/ Organizations	Status of the membership
1.	Indian Phytopathological society	Annual

2.	The Indian Botanical society	Life

14. Any other Information:

1. Organized various workshops in collaboration with NE university for sensitizing students under “Foldscope” project
2. Member of North zone Unnat Bharat Abhiyan committee
3. Reviewer of Science alert peer review system
4. Member of editorial board of departmental magazine “Oaks”
5. Deliver popular lecture for SC,ST, OBC, and women candidates organized by “Equal Opportunity Cell”

(KAPIL KHULBE)