


## BRIEF PROFILE

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|    | <b>Name</b>   | Dr. Deepa Devi   |
|   | <b>Designation</b>  | Assistant professor  |
|   | <b>Area</b>   | Microbiology   |
|   | <b>Email</b>  | <a href="mailto:Dr.deepagujjar26feb@gmail.com">Dr.deepagujjar26feb@gmail.com</a><br><a href="mailto:deepapanwar@uttaranchaluniversity.ac.in">deepapanwar@uttaranchaluniversity.ac.in</a> |
|   | <b>Contact No.</b>  | 7457865758   |
| <b>Professional Experience</b>  | <ul style="list-style-type: none"> <li>• Assistant Professor in the Department of Biotechnology, Uttaranchal University, Dehradun, (Uttarakhand) INDIA from 1<sup>st</sup> September 2020 (Ongoing).</li> <li>• Lecturer in Department of Microbiology, S.S.D.P.C College Roorkee Haridwar from 2<sup>nd</sup> February, 2019 to 30<sup>th</sup> Jun 2020.</li> </ul> |  |
| <b>Education Qualification</b>  | <ul style="list-style-type: none"> <li>• <b>Ph.D. (Microbiology)</b> from Gurukul Kangri Vishwavidyalaya</li> <li>• <b>M.Sc (Microbiology)</b> from Gurukul Kangri Vishwavidyalaya</li> <li>• <b>B.Sc (CBZ)</b> from H.N.B Gharwal University</li> </ul>  |  |
| <b>Area of Research</b>   | <ul style="list-style-type: none"> <li>❖ Biodegradation</li> <li>❖ Medical Microbiology</li> <li>❖ Microbe-Microbe Interaction</li> </ul>   |  |
| <b>Current Research, If any</b>   | -   |  |
| <b>Publications:</b> <ul style="list-style-type: none"> <li>• Articles in Journals (only Scopus/SCI)</li> <li>• Books edited/Chapter contributed/ Books authored</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Articles in Journals (Scopus/SCI)</b></li> <li>• 03</li> </ul>  |  |
| <b>Conferences/Seminars/Workshops/ FDP/MDP attended</b>   | <b>11</b>   |  |
| <b>Any extra-curricular activities</b>  | <ul style="list-style-type: none"> <li>• Editorial Board member of “<b>Frontiers in Environmental Microbiology (FEM)</b>”;<br/>ISSN Print: 2469-7869<br/>ISSN Online: 2469-8067,<br/>Science Publishing Group, Rockefeller Plaza, 11th Floors, New York, NY 10020, U.S.A</li> </ul>   |  |

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|  | <ul style="list-style-type: none"> <li>• Convener of a National Workshop entitled “<b>Laboratory Diagnostic Techniques</b>” held at S.S.D.P.C.P.G. College, Roorkee, Haridwar on 11-12 March 2020.</li> <li>• Organize an awareness Online quiz competition entitled “<b>COVID-19: Awareness and health issues</b>”.</li> <li>• Organize an Online quiz competition entitled “<b>Living with COVID-19: the unlock challenge</b>”.</li> </ul> |
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## Research Papers:

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- ❖ Gupta, K. K., & Devi, D. (2020). **Characteristics Investigation on Biofilm Formation and Biodegradation Activities of *Pseudomonas aeruginosa* strain ISJ14 Colonizing Low Density Polyethylene (LDPE) surface.** Heliyon, 6, e04398.
- ❖ GUPTA, K. K., & Devi, D. (2019). **Biodegradation of Low Density Polyethylene by Selected *Bacillus* sp.** Gazi University Journal of Science, 32(3), 802-813.
- ❖ Gupta, K. K., & Devi, D. (2017). **Isolation and Characterization of Low Density Polyethylene Degrading *Bacillus* Spp. from Garbage Dump Sites.** World Journal of Pharmaceutical Research, 6(11), 609-617.
- ❖ Gupta, K. K., Devi, D., & Rana, D. (2016). **Isolation and Screening of Low Density Polyethylene (LDPE) Degrading Bacterial Strains from Waste Disposal Sites.** World Journal of Pharmaceutical Research, 5(11), 1633-1643.
- ❖ Gupta, K. K., & Devi, D. (2020). **Biofilm Mediated Degradation of Commercially Available LDPE Films by Bacterial Strains Isolated from Partially Degraded Plastic.** Remediation. 30(6), 1-9.

## Conferences Attended:

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- ❖ Devi D and Gupta K. K, “**Characteristic Assessment of LDPE degrading Bacterial strains endorsed by biofilm colonization on polyethylene surface. An initial approach for the biodegradation process**” Innovative Approaches in Microbial Technology (IAMT-2019), Gurukula Kangri vishvavidhalya Haridwar, Uttrakhand, India (2019).

- ❖ Devi D and Gupta K. K, “**Development of bacterial biofilm on low density Polyethylene film surface: An initial step for degradation.** 24<sup>th</sup> International Conference of International Academy of Physical Sciences (CONIAPS), 2019.
- ❖ Devi D and Gupta K. K, “**Prevalence of *Psuedomonas aeruginosa* ISJ14 for the biodegradation of low density polyethylene implemented by assessment of surface properties: An initial approach for the degradation**” on Future India: Science & Technonology in 9<sup>th</sup> conference of Indian Science congress association (Haridwar chapter) organized by Department of Biological Science, CBS&H G.B. Pant University of Agriculture and Technology, Pantnagar (Oct. 13-14 2018).
- ❖ Devi D and Gupta K. K, “**Evaluation of low density polyethylene degradation by selected bacterial strains implemented by surface erosion and biofilm formation**” National conference on Microbial inoculants for agriculture and environmental sustainability, Gurukula Kangri Vishvavidhalya Haridwar, Uttrakhand, India (2018).
- ❖ Devi D and Gupta K. K, “**Biodegradation activity of selected *Bacillus* sp. isolated from garbage site against low density polyethylene film**” Vigyan Dham, Dehradun, Uttrakhand, India (12<sup>th</sup> UCOST, 2018).

### **Workshop Attended:**

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- ❖ Attended a three day workshop on “**Introduction to R and statistical Analysis Using R studio**” organized by Faculty of Management Studies, Gurukula Kangri Vishwavidalaya, Haridwar (2018).
- ❖ Attended Workshop on “**Laboratory Diagnosis of Microbial Infection**” held in Gurukul Kangri University (2016).
- ❖ Attended Workshop on “**Advaced Techniques in Medical Microbiology**” held in Kanya Gurukul Campus (2014).