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|  |  |  | **CURRI CUL AM VI T AE** | |
| **Karishma Jasrotia** | |  |  |  |
| **Address** | | **:** Ms. Karishma, 103 A, Sector-51 A, Chandigarh. | | |
|  |  |  | PIN CODE-160047 | |
| **Phone** | | **:** +91 9988219697 | |  |
| **E-mail Address** | | **:** karishmajasrotia@gmail .com | | |
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**CAREER GOAL:**

To work in a globally competitive environment on challenging assignments of research and development in science that will yield the twin benefits i.e. work satisfaction and professional growth.

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| **PERSONAL DETAILS:** | |  |
| **Date of Birth** | **:** | 20-May-1991 |
| **Father’s Name** | **:** | Late Mr. Uday Bhan Singh |
| **Mother’s Name** | **:** | Mrs. Vijay Bala |
| **Marital Status** | **:** | Married |

**PROFESSIONAL QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Session** | **Institute.** | **Specialization** | **CGPA** |
|  |  |  | **Area** |  |
| M.Tech | 2013- | Thapar University, | Chemical | 8.1 |
|  | 2015 | Patiala, Punjab | Engineering |  |
| B.Tech | 2008- | Lovely Professional | Biotechnology | 8.26 |
|  | 2012 | University, |  |  |
|  |  | Phagwara, Punjab |  |  |

**ACADEMIC QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Exam Passed** | **Year** | **School / College** | **Board /** | **% Marks.** |
|  |  |  | **University** |  |
| CBSE(12th) | 2008 | DAV Public Sr. Sec. | CBSE | 70 |
|  |  | School, Palampur |  |  |
| CBSE (10th) | 2006 | DAV Public Sr. Sec. | CBSE | 79.8 |
|  |  | School, Palampur |  |  |

**RESEARCH PAPER:**

**Karishma Jasrotia, Raj Kumar Gupta, Harjot Kaur, Manoj Kumar '*Effectiveness of Advanced Oxidation Process in Combination with Micro-filtration* *for Dye Removal*' in 2nd National conference on Advanced Oxidation Processes,AOP-2015 on 15-16th October 2015 organized by SSBUICET, Panjab University, Chandigarh.**

**PROJECTS AND TRAINING:**

* Attended two months training in 11 different modules like DNA fingerprinting, tissue culture, genomics, proteomics, microbiology etc. at **Institute of Himalayan Bioresource Technology (IHBT)** **(CSIR), Palampur, Kangra, HP.**
* Two months training in quality control department from **Indo-Swift,** **Derabassi, Mohali, Punjab**.
* 6 months internship project on “ **Exploitation of microbial** **diversity for the production of Bio-Hydrogen**“ at **Institute of**

**Genomics and Integrative Biology (IGIB) (CSIR), New Delhi** under the supervision of Dr. V.C. Kalia

* Master’s Thesis on “**Removal of methylene blue by Advanced**

**Oxidation using Fenton’s reagent and Microfiltration”**

**OTHER ACHIEVEMENTS:**

* Participated in the workshops on **Basics and application of ASPEN**

**PLUS(BAAAP-2013) and Advance topics in Fluid Flow and Heat Transfer(ATFFHT-2013)** organized by the ChemicalEngineering Department, Thapar University, Patiala, Punjab.

* Worked as a volunteer at National **Conference on Advanced** **Oxidation Processes(AOP-2013)** organized by the Chemical

Engineering Department,Thapar University, Patiala, Punjab.

* Won Gold Medal in **National Science Olympiad’ 07** in school.
* Participated in **National Maths Olympiad’ 06** in school.
* Participated in **National Talent Search examination (NTSE)’ 06** in School
* Won Second Prize in Essay writing on **Anti-Tobacco Day**.

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| **COMPUTER FORTE:** |  |
| Languages: | **Basic of C Language.** |
| Operating Systems: | **MS-Windows/XP**. |
| Applications: | **MS-Office**. |
| Software: | **Basics of Aspen & Matlab.** |

**PERSONAL SKILLS:**

* Good leadership qualities
* Good Communication skill
* Comprehensive problem solving ability
* Hardworking and punctual

**LANGUAGES KNOWN:**

* Hindi (Read, write & speak)
* English (Read, write & speak)

**HOBBIES:**

Interested in dancing, listening music, travelling, exploring places, surfing Net (social websites).

**REFEREES:**

* **Dr. V.C. Kalia**

Senior Principal Scientist

Institute of Genomics and Integrative Biology, Mall Road, New Delhi (India)

**E-mail:** [**vckalia@igib.res.in**](mailto:vckalia@igib.res.in)

* **Dr. C.P. Raut** Scientist

Institute of Genomics and Integrative Biology, Mall Road, New Delhi (India)

**E-mail:** [**cpraut@igib.res.in**](mailto:cpraut@igib.res.in)

* **Dr. Anil Sood** Scientist G and Head

Institute of Himalayan Bioresource Technology, Palampur, (H.P.)

E-mail: [**asood@ihbt.res.in**](mailto:asood@ihbt.res.in)

* **Dr. Brijlal**
* **Dr. Raj Kumar Gupta** Associate Professor and Head Thapar University,

Patiala, (Punjab)

E-mail: [**rkgupta@thapar.edu**](mailto:rkgupta@thapar.edu)

* Dr. Manoj Kumar Assistant Professor Thapar University, Patiala, (Punjab)

E-mail: [**manojk@thapar.edu.**](mailto:manojk@thapar.edu)

**Declaration:** I hereby declare that the information given above are true andcorrect to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

**Place: Palampur** (**Karishma)**