

XYZ

Date of Birth : 2nd Feb. 1983

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xyz@hotmail.com

Seeking challenging assignments in Biotechnology/ Life Sciences research firms with an organization of high repute where I can use my skills, find the opportunity to intensify my knowledge and aptitude; and offer me excellent working environment to help me grow and learn more.

SNAPSHOT

- ❑ **Masters in Biotechnology** from ABC University, Delhi.
- ❑ Successfully completed dissertation and various projects during undergraduate and masters' degree.
- ❑ Proficiency in techniques related to Bioprocess Engg, Biochemical, Immunological, Cell & Tissue Culture, Molecular Biology & Microbial Culture and Analysis.
- ❑ **BSc. Zoology (Hons.)** From DAV university.
- ❑ A self-motivated professional with keen analytical abilities and in depth understanding of the economics and dynamics of the Biotechnology research sector.
- ❑ Excellent communication and leadership qualities and proficient in presentation and time management skills.
- ❑ **Languages Known** : English, Hindi.

ACADEMIC CREDENTIAL

- ✓ **M.Sc (Biotechnology) in 2006** **ABC UNIVERSITY, DELHI .**
Secured 1st division with 69.81%
Module: Biotechnology
- ✓ **B.Sc (Hons.) Zoology in 2003** **DAV University, Indore**
Secured 1st division with 65.37%
Module: Zoology, Chemistry, Botany
- ✓ **Class XII in 1999** **KV, Dehradun**
Secured 1st division with 67.77%
Module: Physics, Chemistry, Biology
- ✓ **Class X in 1997** **KV ,Dehradun**
Secured 1st division with 67.14%
Module: Physics, Chemistry, Biology, Math.

ACADEMIC PROJECTS

- Title** : **Variations of Caffeine contents in some tea samples**
Role : **Handled the project individually**
Organization : **Department of Biotech., ABC UNIVERSITY, Delhi.**
Duration : **6 months**
Objective : Extraction of caffeine contents from tea samples by volumetric method.
Highlighted Pharmaceutical value and misuse of Caffeine.
Result : Caffeine is one of the component of quality of tea. It is present to the extent of 3 to 5 percent in dry matter of tea leaf. It has pharmaceutical value.
Training : One month training on Basic Techniques of Biotechnology in Hyderabad University, Hyderabad

Work Experience

- Designation** : Research Trainee
Organization : XYZ Foundation
Title : Studies on genetics and molecular mechanism of wide compatibility genes for exploiting inter-subspecific (indica/japonica) heterosis for grain yield in rice (*Oryza sativa L.*)
Objective : To gain an insight into molecular mechanism of the wide compatibility phenomenon by utilizing the markers already linked with major wide compatible gene loci and identifying new SSR markers for other major WC genes which have potential application in Indian hybrid rice parental lines for exploiting them in developing higher yielding inter-sub specific rice hybrids with better grain quality and resistance to major pests and diseases.
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AWARENESS PROGRAMME / SEMI NARS/ WORKSHOPS ATTENDED

- "Entrepreneurship Awareness Camp", Jan 09-11, 2006 ABC University, IIE Ghy.
- Water harvesting and water utilization, 25th March 2006, ABC University, Delhi, NERIWALM, Govt. of India, Tezpur, ABC.
- National Seminar cum Awareness programme on radiation, Health and Environmental on 7 – 8th April, 2006 under the aegis of Indian society of Radiation Biology organized by Dept. of Veterinary Physiology, Faculty of Veterinary Science ABC Agricultural University Khanapara, Guwahati.
- Participated in the Students Talent search program Organized by AUTA, ABC University, Delhi held during 21 – 30 November, 2005 in the paper Presentation competition.

AWARDS AND ACHIEVEMENTS

- In Vitro Techniques in Plant Genetic Improvement, under Biotechnological society of Bark Valley on 9th August 2005.
- Virus as a natural Vector for gene transfer under Biotechnological society of Bark Valley on 16th May 2006.

Other Experiences

- A certificate in six month diploma in Computer Application.
 - A certificate in Yoga for Better Living from B.H.U
 - Participate in Debate, Active Member of Eco-Forum, ABC University, Delhi.
 - Awareness about disease in Society and plantation.
 - Participate in Annual Sports-Meet on 22nd January, 2006 in ABC University, Delhi.
 - Involved in creating awareness among common people about "**Biodiversity Conservation**", "**Importance of Biotechnology in Agriculture, Health and Industry**" and "**Intellectual Property Rights**".
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TECHNICAL PREVIEW

Molecular Biology:

Plasmid DNA isolation, Genomic DNA isolation from Animals, plants and microorganisms. Gel Electrophoresis, Restriction digestion, Cloning and PCR, Replica plating, Southern Blotting, SDS for Proteins, Western Blotting.

Biochemistry and Enzymology:

Spectrophotometer, Qualitative analysis of carbohydrates and proteins, Quantitative analysis of proteins, carbohydrates and nucleic acids, Enzyme assays at varying conditions of pH, Temperature and incubation time, Techniques for purification of protein.

Immunology:

ELISA, Radial Immunoassay, double Immunodiffusion, Rocket Electrophoresis.

Microbiology and Biochemical Engineering:

Media preparation, Staining techniques like Gram staining, negative staining, Endospore staining, Lab scale fermentation of ethanol, citric acid and penicillin.

Cell & Tissue Culture Techniques;

Plant & Animal tissue culture techniques related to handling cell culture, Cell line maintenance, ELISA, Flowcytometry, Synthetic seed preparation.

IT SKILLS

Basics, Bioinformatics, C- Language, and Internet Applications.

References

- Dr. XYZ, Actg. Head, Department of Biotechnology, XYZ University, Delhi –64, Phone – (011) 22270375
- Dr. ABC, Lecturer, Department of Biotechnology, XYZ University, Delhi – 64, E.mail : abc@yahoo.com.

Deceleration

It is declared that the above information given by me true to believe my best.

Date:

Place:

(XYZ: Your Name)