

Akanksha Badola

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CAREER OBJECTIVE

To secure a challenging position in the field of Microbiology where I can effectively contribute my skills and innovative ideas to gain knowledge in the work oriented environment.

ACADEMIA

- Pursuing M.Sc.(Microbiology) from UCST, Dehradun, Uttarakhand.
- B.Sc. (ZBC) from HNBGU, Chaubattakhal, Pauri Garhwal in 2015.
- XII from RGNV, Santudhar, Pauri Garhwal, CBSE in 2012.
- X from RGNV, Santudhar, Pauri Garhwal, CBSE in 2010.

ACADEMIC PROJECT UNDERTAKEN

Title: Defining blood coagulation with intestinal microbiome on the basis of QRMHA

Description: It is a non invasive technique to analyse whole human body problems mainly cardiovascular & cerebrovascular report, Liver function etc. Based on the analysis done, the abnormalities and future diseases of any subject can be found out and the cure and prevention can be done.

SUMMARY OF SKILLS

MICROBIOLOGY:

- Media preparation & Serial Dilution method for bacterial cultures.
- Pouring, Plugging, Slant preparation & Streaking on plates.
- Staining

INDUSTRIAL MICROBIOLOGY (FOOD MICROBIOLOGY):

- Estimation of protein by biuret method and Lowry's method.
- Estimation of carbohydrate by DNS and anthrone reagent method.
- Beer production from Ginger juice in college laboratory.

MOLECULAR BIOLOGY:

- Isolation of DNA from plants.
- To check purity of DNA.
- Agarose Gel Electrophoresis.
- RNA isolation.
- SDS-PAGE for proteins.

EQUIPMENT HANDLED:

- Autoclave
- BOD incubator
- Hot air oven
- Gel docs
- Centrifuges and ultracentrifuges

COMPUTER SKILLS

- Office Automation tools : MS-Excel, MS-Word, MS-Power point
- Accounting & Data Entry : Tally9
- Diploma in computer : ADIT course

HOBBIES

- Teaching
- Listening to Music
- Cooking

ACHIEVEMENTS

- NSS A & B-Certificate at College level.
- Scholarship as One year college fees for securing the top position in college.

EXTRA CURRICULAR ACTIVITIES

- Provide tutions to school and college students
- Active participation in Cultural Festivals and Competitions at University level.
- Represented in NSS camps at inter college and intra college level.

STRENGTHS

- Positive Attitude
- Patience
- Persistent nature

PERSONAL DETAILS

- Date Of Birth : 13th April,1995
- Father's Name : Late Harish Chandra Badola
- Languages Known : English and Hindi

Place : Ghaziabad

(Akanksha Badola)