

CURRICULUM VITAE

Ritika Ramesh Musale
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CAREER OBJECTIVE

To work in pragmatic way in a reputed organization where I can use my knowledge and enhance my skills in order to keep abreast with latest technologies, meet the organizational goals and objective with full integrity and zest. It would be my never – ending dedication to maintain spectrum of integrity, honesty and character while being resourceful, Innovative and flexible.

EDUCATION DETAILS

<u>Education</u> <u>year of</u> <u>passing</u> <u>board/university</u> <u>College/school</u>	<u>University/</u> <u>Board</u>	<u>College/Institute</u>	<u>Percentage</u>	<u>Year</u>
<u>M.Sc.</u> <u>Biotechnology</u>	<u>Mumbai</u>	<u>Gogate – Joglekar College,</u> <u>Ratnagiri</u>	<u>72%</u>	<u>2017</u>
<u>B.Sc.</u> <u>Biotechnology</u>	<u>Mumbai</u>	<u>Gogate – Joglekar College,</u> <u>Ratnagiri</u>	<u>70%</u>	<u>2015</u>
<u>H. S.C.</u>	<u>CBSE</u>	<u>Kendriya-Vidyalaya, Goa</u>	<u>65%</u>	<u>2012</u>
<u>S. S. C.</u>	<u>CBSE</u>	<u>Kendriya-Vidyalaya, Goa</u>	<u>86%</u>	<u>2010</u>

OTHER COURSES:

- Diploma course in “Tissue Culture” - [2012-2013] - 85%
- MSCIT course – [2015] – 91%
- Bioinformatics

ACADEMIC PROJECT DETAILS:

1. Thesis in M.Sc. Biotechnology-

Title: Phytochemical analysis, antioxidant, antidiabetic and hemolytic activity of five different indigenous medicinal plants of Ratnagiri, India

Description:The project focuses on importance of herbal drugs using delicate leaves of five different medicinal plants for their nutritional values and anti-diabetic activity which can be used as vegetable in our diet and in management of post prandial glucose level.

2. Project in Diploma Tissue culture-

Title: Secondary metabolites analysis by Phyto - chemical screening of medicinally important plants

Description:The project focuses on phytochemical screening of bioactive rich compounds having antioxidant activity and antibacterial and antifungal activity against lab microorganisms.

PROJECTS & INTERNSHIPS:-

- **Green vision life science private limited, Pune (BCIL –BITP) Government programmed training**

Description:The project focuses at work on evaluation of Plant Growth Promoters (PGPs) and fungicides based products either commercially available procured from market or lab prepared in plant growth and protection evaluating plant growth parameters.

Publications of paper–

- **Effect of Plant Growth Promoters Application on Peas Germination and Growth – Published in Current agriculture research international journal, UGC approved (0.7 Impact factor) International Journal- Current Agricultural Research Journal**

-UGC approved (0.7 Impact factor)

-Peer reviewed

TECHNICAL SKILLS:

- **Plant tissue culture techniques:**

Preparation of media, sterilization of explants, inoculation, sub-culturing and maintenance of explants

- **Animal tissue culture techniques:**

Trypsinization

- **Microbial techniques:**

Media preparation, plating, staining of organism

- **Histological techniques:**

Paraffin sectioning of tissue

- **Immunological techniques:**ELISA, RIA1
- **Molecular techniques:**SDS-PAGE,AGE, Isolation of DNA
- **Chromatographic techniques:**Paper chromatography, TLC, affinitychromatography
- **Bioinformatics:** BLAST, FASTA, Clustalw, PDB, Swiss- model lingand RasMol, Marvin Sketch
- **Biochemical analysis**
- Public speaking, Presentation skills, Leadership, Strategic planning

SOFTWARE EXPOSURE:-

Operating System: - Windows XP/Vista/7/8/10. Office

Tools: - MS Office.

ORGANISATIONS

Microbiology society of India (member)

Nature club member

CO-CURRICULAR ACTIVITIES

- Attend Avishkar Research Convention(District competition):[2016-17]
- Attend a National Conference on “Mangrove Biodiversity and its threats”. [2016] • Attend a National conference on “Biotechnology for Better Tomorrow” [2015]
- Attend a seminar on “Recent trends in Biotechnology fields”.
- Certificate for “konark group” research poster presentation.[2017]
- Certificate for participating in one day workshop on “Identifying EIMCBA using EBSA tool: New way for marine biodiversity conservation.[2017]
- Certificate for participating in one day workshop on “Biodiversity of Maharashtra association with ASEEMIT foundation, Pune”.

CORE STRENGTHS

Goal oriented and optimistic

Good communication skills

Quick learning and Grasping

Self-motivated Loyal

and reliable

PERSONAL DETAILS

Date of Birth: 1 July 1994

Languages Known: English, Hindi and Marathi

Sex- Female

Marital Status - Single

Nationality: Indian

Address: All India radio qtrs. D1-2, Ratnagiri, Maharashtra

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REFERENCE:

- Dr. A. S. Kulkarni, Head of Department(Biotechnology),Gogate-Jogalekar College, Ratnagiri

- Dr. Satilal Patil, Director of Green Vision Pvt. Ltd. (Research and Development)
- Dr. Ashish Polkade, Managing Director of Green Vision Pvt. Ltd. (Research and Development)

DECLARATION: I solemnly here by affirm that all the above information is true to the best of my knowledge and belief.

Place: Pune

Yours sincerely (Ms. Ritika Ramesh Musale)