

RISHI AGARWAL
M.Tech – Biosciences and Bioengineering
Department of Biosciences and Bioengineering
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Academic Profile:

Degree	Institute	Result	Year
M. Tech	Indian Institute of Technology, Guwahati	Not Published	1 st Year
Bachelor's in Engineering (Biotechnology)	College of Engineering and Technology, Bhubaneswar (Biju Patnaik University of Technology)	CGPA- 6.6	2013
CHSE (Std- XII)	Stewart Science College	64.7	2009
CBSE (Std- X)	Joharimall High School	83.2	2007

Achievements:

- I have qualified **Graduate Aptitude Test in Engineering (GATE): Biotechnology** (2015) with an All India Rank of **19**.
- I have qualified JGEEBILS 2015

Experiences:

1. **Mental Health Institute, S.C.B. Medical College Hospital, Cuttack**
Dates: From July'1st 2013 to September 30th 2013

I participated in Academic Session of Psychiatry and Clinical Psychology. I studied Neurodevelopment and Psychodynamics of Psychiatric Illness. Here I got acquainted with ECT, Biofeedback, EEG procedures.

Projects:

"Bioactivity studies of Polysaccharide isolated from a wild mushroom (Russula pseudodelica) of Simlipal Biosphere Reserve, Odisha, India"

Guides: Dr. H.N. Thatoi (Reader and Head, Dept. of Biotechnology at CET Bhubaneswar) and Mr. Sameer kumar Singdevsachan

This project mainly focuses on the isolation of polysaccharides from a wild mushroom (Russula pseudodelica) followed by evaluation of antioxidant activity such as H₂O₂ reducing

ability, scavenging ability on 1,1-diphenyl-2-picrylhydrazyl (DPPH) radicals and chelating effect on ferrous ions of polysaccharide extract.

Technical Proficiencies:

- Basic Molecular Biology Techniques and Basic Biochemistry Techniques.

Relevant courses studied:

Systems Biology, Biosensors, Biotechniques, Advanced Genetic Engineering

Extra-curricular activities:

1. Participated in the “**How to Ideate, Legalize, Finance and Register your own company workshop**” held at IIT Guwahati by the Entrepreneurship development cell.
2. Gold Medalist in 2nd and 3rd Open National Funakoshi Cup Karate-Do Championship.
3. Was awarded 1st prize in a competition “Junkyard” organized by CET, Bhubaneswar in 2010.

Personal Details:

Date of Birth: 29/06/1991

Mother’s Name: Mamta Agarwal

Father’s Name: Rajendra Agarwal

Nationality: Indian

Languages Known: Hindi, English, Oriya

Computer Competency:

- Microsoft Office Suite
- Programming Language C and C++

Interest/Hobbies:

- Calculus
- Systems Biology
- Neuroscience
- Trekking
- Basket Ball
- Karate