

POOJA

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Date of birth : 22 May 1992

Nationality : Indian

Marital Status : Unmarried

SUMMARY & OBJECTIVE:

Seeking a challenging career with a progressive organisation that provides an opportunity to capitalize my technical skills and abilities. I wish to have an opportunity to explore my strengths, learn and gain new experiences.

EDUCATIONAL QUALIFICATIONS:

Course	Institute and University	Year of Passing	CGPA/ Percentage
M.tech Biotechnology	NATIONAL INSTITUTE OF TECHNOLOGY (NIT), Durgapur , West Bengal	2016	CGPA 8.33
B.Tech Biotechnology	University Institute of Engineering and Technology , Panjab University, Chandigarh	2014	CGPA 7.45
Class XII CBSE	Kendriya Vidyalaya ,sector 47, Chandigarh	2010	80.2%
Class X CBSE	Kendriya Vidyalaya, sector 47, Chandigarh	2008	83.8 %

COMPETITIVE EXAM QUALIFIED:

EXAM	YEAR	SCORE	RANK
GATE	2014	363	1511

Experience :

Ikai services pvt. ltd.	COO and field manager
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PROJECTS:

M.TECH PROJECT (N.I.T. Durgapur)	TITLE: Extraction of Mangiferin from <i>C.amada</i> and its encapsulation using chitosan and alginate as a carrier, carrier Supervised By Dr.Debjani Dutta, Assistant Professor , Dept. of Biotechnology, NIT Durgapur.	Project duration
	DETAILS: Mangiferin was extracted from <i>C.amada</i> using microwave assisted extraction (MAE) and its stability was checked under different process parameters. Encapsulation of mangiferin from <i>C. amada</i> was done as Alginate – chitosan hydrogel beads . The structure and morphology of these hydrogel beads were characterized by FTIR, FESEM, XRD and DSC. Antimicrobial activity of hydrogel beads were checked on E.coli and Bacillus. Free radical scavenging activities of mangiferin encapsulated hydrogel beads were assayed with 1,1-Diphenyl-2-picryl-hydrazyl (DPPH) . Release profile and kinetic study of these hydrogel beads were done.	2 year.
B.TECH PROJECT (UIET, Panjab University)	TITLE: Comparision of the Total Polyphenol content in different food sample using different extraction methods, supervised by Dr. Meenakshi Garg, Assistant Professor, Dept. of Biotechnology, UIET, Panjab University.	Project duration
	DETAILS: Total Polyphenol content was checked in Coffee, Grape juice , Green Tea , Cinnamon(sample) using Follin’s reagent.Different extraction method – (MAE) microwave assisted extraction, (UAE) Ultrasonic assited extraction,conventional extraction and by ethanol extraction.	3 months

INDUSTRIAL TRAINING:

1.	IBI Biosolutions pvt.ltd , Panchkula , Haryana	Title: Insilico modeling and docking analysis of DHFR of Leprosy.	5 th june to 4 th july 2012
2.	Ind Swift Limited , Baddi, Punjab	Title: Industrial Training in API Production department.	10 june to 10 july 2013

PROFESSIONAL SKILLS

Practical Experience with: Extraction of polyphenols, Lyophilization, UV- spectrophotometer, moisture analyser, Microbial Culture, DPPH Assay, Centrifugation, Hydrogel preparation,Ultrasonication

Highly organized and efficient ,Team works, Leadership skills ,Quick learner

WORKSHOPS ATTENDED:

- Participated in the TEQIP-II sponsored short term course on “ Technologies in bioenrgy and Environment Sustainability (TBES-2015), April 13-17,2015 at NIT Durgapur,West Bengal.
- Participated in National Conclave 2012 SETU , 8-9 Nov 2012 at UIET,Panjab University, Chandigarh.
- Participated in National Conclave 2011 on “Science and Technology in India :opportunities and challenges”, 15-16 sep 2011at UIET,panjab University, Chandigarh.
- Participated in 6 months soft skills training organized by the campus.

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS:

- Member of SBE-UIET, Panjab University ,Chandigarh.
- Secured first position in Tug of War in Annual Sports meet 2016 at NIT Durgapur.
- Secured second position in Javelin Throw in Annual Sports meet 2016 at NIT Durgapur.
- Secured third position in 400m Relay Race in Annual Sports meet 2016 at NIT Durgapur.
- Secured First position in Rangoli making in “Jhankar 2014”-inter university youth festival, Panjab University.
- Secured Second position in vase painting in “Jhankar 2014”-inter university youth festival, Panjab University.

HOBBIES :

- Listening Music, Dancing, Cooking and Trying New Dishes, Travelling , Painting

References with their occupations and addresses:

1. **Dr. Debjani Dutta** , Assistant professor , Department of Biotechnology, National Institute of Technology, Durgapur, W.B.
 2. **Dr. Meenakshi Garg** , Assistant Professor, Department of Biotechnology, UIET, Panjab University, Chandigarh
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