



## DEEPASHA BHARTI

[deepbh.95@gmail.com](mailto:deepbh.95@gmail.com)

L-1/12, Sector-F, L.D.A Colony, Kanpur Road, Lucknow.

Phone : +91 8299178775

### CAREER OBJECTIVE

Passionate to acquire expertise in the field of Polymer by contributing in the field of research using analytical problem solving, communication & interpersonal skills as well as fast learning abilities which would enable me to grow while fulfilling organizational goals.

### EDUCATIONAL QUALIFICATION

Year	Degree/Exam	Institute	CGPA/Marks
2019	M.tech (Rubber Technology)	IIT Kharagpur	8.6/10
2017	B.tech (Plastic Technology)	CIPET Lucknow	71.28 %
2012	Intermediate (CBSE)	Lucknow Public School	70 %
2010	Highschool (CBSE)	Lucknow Public School	85.5 %

### INDUSTRIAL TRAINING

Company Name	Duration	Key Learning
Merino Laminates, Haryana	June-July 2016	Manufacturing of PF & MF base panels, defects identification.
Bihariji Packaging	June 2015	Blown film extrusion and Printing.

### M.TECH PROJECT | IRMRA, THANE, MUMBAI (JUNE 2018- PRESENT)

**Topic** : Prospects of using bio-oil as multifunctional additive in rubber compounding & in NR/SBR blend for tyre tread formulation.

**Guide** : Prof. A.K Bhowmick, Rubber Technology Centre, IIT Kharagpur.  
Mrs. Suchismita Sahoo, Assistant Director, IRMRA, Thane, Mumbai.

### B.TECH PROJECT | CIPET, LUCKNOW (JAN-JUNE 2017)

**Topic** : Preparation and Study of Mechanical & Electrical Properties of Poly-Aniline / EVA composite.

**Guide** : Dr Ifran Ahmad Mir, HOD Plastic Testing

### ACHEIVEMENTS

- Academic**
- Presented a poster on "Prospects of using bio based oil as multifunctional additive in rubber compounding" at "**IRMRA's 23<sup>rd</sup> International Rubber Conference**"
- Co-Curricular**
- Organizer of "ANANT 2014 & 2015" a techno cultural fest of CIPET.
  - Captain of throw ball team in "CAPOERIA 2014 & 2015".
  - Member of self-help community NGO "WE EDUCATE".

## COURSEWORK INFORMATION

Tyre Technology	Plastic materials
Industrial Rubber	Plastic Processing
Basic rubber Science	Additives & Compounding
Physical testing of rubbers	Principle of polymerization
Rheology & processing of rubbers	Polymer science & technology
Rubber product manufacturing & technology	Rubber compounding & reinforcing materials
Characterization of rubber & rubber like materials	Adhesion science and technology

## SKILLS & EXPERTISE

Software skills	: Auto-Cad, Basic computing, Programming C, C++, MS Office
Processing	: Injection & Compression moulding, Extrusion, Banbury, Two-roll mill
Instruments	: TGA, DSC, RPA, Mooney viscometer, MDR, ODR, FTIR, SEM, UTM & basic rubber/plastic testing machines.

## PERSONAL INFORMATION

Date of birth	• 3-Feb-1995
Gender	• Female
Hobbies	• Painting, Reading, Sketching, Creative writing.
Languages	• English, Hindi

## DECLARATION

I hereby solemnly declare that the above mentioned details and particulars are true to the best of my knowledge.

Yours's faithfully

**[Deepasha Bharti]**