

AKASH YADAV



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Objective

- Seeking a challenging position in an organization to utilize my potential to the fullest and grow along with company.

Internship & Project

M.Tech -

- Studies on Special Additive in Silica based Rubber Compounds for Rubber Product. (M.Tech 2nd year Project) **Yokohama Tire Pvt Ltd** Tirunelveli, Tamilnadu, India

B.Tech -

- Development of nanocomposite based on high surface area Carbon black filled with Natural Rubber.
- Improvement in Physical Properties of Rubber Composite by using Bio-fiber.

Education

- M.Tech in Rubber Technology (4th sem) IIT Kharagpur
- B.Tech in Plastic Technology CIPET Lucknow

Degree	University/College	Year	Percentage/CGPA
M.Tech	IIT Kharagpur	2020	8.56/10
B.Tech	CIPET Lucknow	2017	71.56%
Intermediate	UP Board	2012	71.60%
High School	UP Board	2010	69.83%

Technical Skills

- Rubber mixing and compounding.
- Hand on experience of Rubber testing Equipment like UTM, HDT, VST Test, Izod Test DMA, Mooney viscometer, MDR, RPA, two roll mill, NSA equipment etc.
- Worked on rubber and plastic processing machines like profile extruder, Calendaring, injection molding, extrusion blow molding, Thermoforming, Blown Film extrusion, etc.
- Reverse engineering: Compound analysis and preparation by help of TGA, DSC, FTIR and Sulphur Analysis, etc.
- Worked on with rubber and plastics material like Natural Rubber, SBR, NBR, CR, EPDM, IIR, PBR, TPE, Silicon Rubber, FKM, LDPE, HDPE, NYLON, PVC, PP, PC, PET, PBT, PS, ABS, PMMA, Thermoset Plastics, etc.
- Microsoft Office skills- Microsoft excel, Microsoft word, Microsoft PowerPoint, Origin Software etc.

Industrial visit

- CEAT Tire Limited
- Aditya Birla Carbon Black Private Limited
- IRMRA Thane
- Oriental Rubber Pune
- Shriram Rubber Pune
- Gold Seal Daman

**B.Tech
Internship**

- Research Design and Standard Organization (RDSO) Lucknow (6th sem), 4 week.
- ARYAN EXPORTERS Pvt. Ltd Lucknow (4th sem) for 4 week.

Achievements

- **Ranked AIR 76:** GATE 2018
- **Ranked 7 :** District level GK Competition
- **Ranked 11:** School level Talent search exam
- Winner of chess tournament in **CAPOEIRA 2015 (Annual Sports Meet)**

Strengths

- Self-motivated and disciplined.
- Learning ability
- hardworking and punctual

**Extracurricular
activities**

- Visited in Plastindia 2015 in Gandhinagar (Gujarat) regarding latest polymer technology development
- Led the liaison between Department team, students, faculty, participants and the **CIPET ANANT'2015** team
- Formulated and Organized several events like Competitions, Quizzes
- Mentored the students who could not afford private tuition classes in NGO to contribute to the development of rural India

Personal Details

- **DOB:** 17/02/1995
- **Nationality:** Indian
- **Passport No.** T4311531

References

Prof. Kinsuk Naskar
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Place- Kharagpur
Date -07/04/2020

(Akash Yadav)