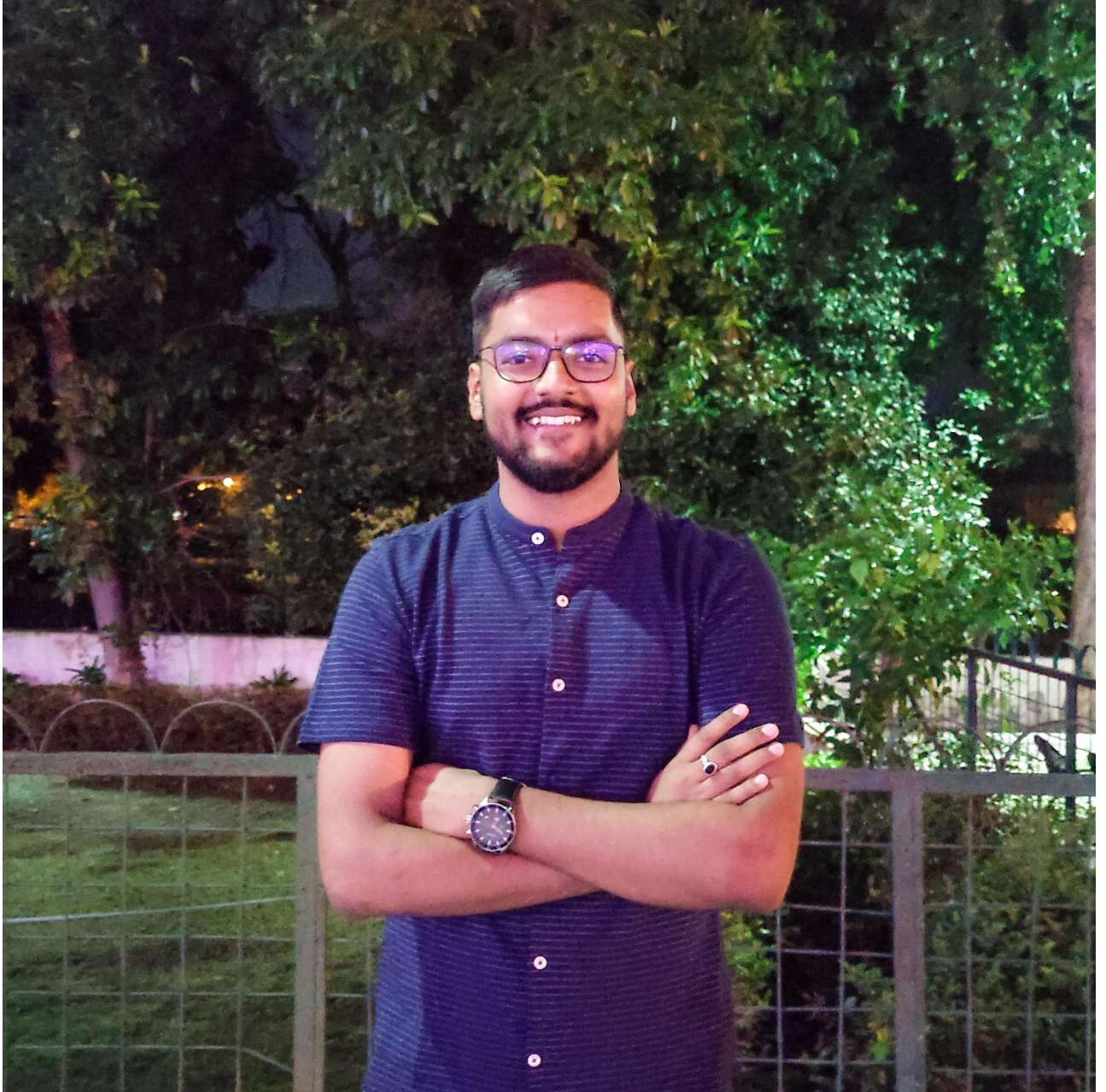


**Post Name: UG-DAPC for 2021**  
**Team Name: 2021-ME-UG-DAPC**  
**Branch: Mechanical Engineering**

**1. Name: ABHISHEK KUMAR JHA**  
**Enrollment No.: 19111001**



# Abhishek Kumar Jha

Manifesto, UG DAPC - 2021



## Who am I?

- 3<sup>rd</sup> Year UG, MIED
- Upcoming Summer Intern at JSWGroup
- Senior Executive Member, Academic Council IIT Roorkee
- General Secretary, NCC IITRoorkee
- Founding Member and Additional Secretary, Outreach Cell
- Former Executive Member, UBA

## Target Reforms

### 1. UG Curriculum Revision:

- To include courses based on AI/ML Application in Mechanical Engineering, as per the latest research and industry trends. For e. g.: Design Optimisation using ML/AI.
- To update the curriculum so as to reform the existing structure, by removing redundant old courses and filling the void with relevant ones.
- To enhance the practical experience of students by introducing them to latest industrial machines like CNC laser cutter, 3-D printer, etc.

### 2. UG Projects:

- To start a dedicated portal for easing out the communication process for UG research projects, beneficial for both students and the professors.
  - To introduce a non-credit intra-department design competition in which problem statements would be given out by department, and students would work on the same. Incentivisation for winners.
  - To introduce reforms related to B.Tech Project (BTP), including inter-department BTPs and BTPs under professors from other reputed universities.
-



### **3. Improving Opportunities in the Industry:**

- To leverage industrial connections of faculty members to provide hands-on industrial exposure to students for upskilling for placement and research prospects.
- To have a dedicated point of contact in the department to handle industrial connections for more significant opportunities for students.
- To organise regular interaction sessions with alumni in the industry to introduce students to the latest industrial trends in collaboration with MIESS.

### **4. Regular Updates on DAPC activities:**

- To share official Minutes of every DAPC meeting with the students to update everyone of the decisions being made.
- To hold regular communication with fellow-mates to discuss points of concern and proposals for departmental meetings.

## **Why Abhishek Jha as DAPC?**

As an executive member of the Institute Academic Council for the past two years, I have been closely involved in the institute's academic affairs of the institute having worked on the proposal pertaining to the introduction of S-grade. Having a plethora of experience in dealing with academic issues along with interacting with professors as well as students at multiple levels, I believe that with your voices behind me, I can work dedicatedly towards achieving the goals we set together to take our department to even greater heights!

**2. Name: KOTA REVANTH KUMAR**  
**Enrollment No.: 19117060**



IIT - ROORKEE  
**VOTE FOR**



**REVANTH K**

I Promise , I will be on your side

**UG STUDENT**

**REPRESENTATIVE DAPC [ME]**

# AGENDAS

ANYONE CAN MAKE THEIR VOICE  
HEARD AND EXPRESS THEIR OPINION



DECISIONS MADE BY THE COMMITTEE  
ARE TO THE BENEFIT OF ALL UG'S



TO MAKE DEPARMENTAL PROJECT  
ALOTMENT PROCESS MORE  
TRANSPARENT AND SIMPLIFIED



ENSURE THAT A VARIETY OF  
ELECTIVES ARE AVAILABLE AND  
LEVELING THE GRADING PROCEDURE