

Curriculum Vitae

PRADEEP KUMAR

Farm Machinery and Power

Agricultural and Food Engineering Department, IIT Kharagpur

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Educational Qualification			
Degree	University/Institution	Marks(Percentage/CGPA)	Year
Ph.D.	ICAR-IARI New Delhi	8.41	2020-
M.Tech, (Farm Machinery and Power)	IIT Kharagpur	8.13 / 10	2017-19
B.Tech, (Agricultural Engineering)	G.B.Pant University of Agriculture and Technology	6.93/10	2013-17

Professional Training

- Attended one National Level Adventure Camp and two Annual camps Organized by NSS.
- Participate in “**Bio-Fuel and Bio-Energy in Food Processing Industries: Opportunities and Constraints**” Workshop
- 4 weeks training on ‘**Operational & Maintenance of Tractor, Power tiller, IC Engine, Combine Harvester, Transplanter Reaper**’ at Northern Region Farm Machinery Training & Testing Institute, Hisar in July 2016.
- 7 days Hands-on Training on ‘**High-End Scientific Equipment usage towards Design, Development and Testing of Agricultural Machinery with an Industrial approach**’ conducted by CSIR Durgapur

UG Project

- Studies on “**Solar Drying Characteristics of Ginger Slices**” .

PG Project

- “**Optimization of Land Development Operation with Laser Land Leveler Using Navigation Algorithm**”

Research Papers/Book Chapter/Popular Articles

- Development of Electro-Hydraulic Hitch Control System through Lower Link Draft Sensing of a Tractor
- Study on Sensitivity of Lower Link and Top Link Draft Sensing in Electrohydraulic Hitch Control System
- Energetics and Cost Economics of Wheat-based Cropping System
- Precision Spraying: Enhancing Crop Protection and Environmental Sustainability
- Applications of Deep Learning in Agriculture

Course works

1. IC Engines,
2. Tractor system design,
3. Ergonomics
4. Instrumentation
5. Farm Machinery design
6. Mechanical drives
7. C programming
8. Renewable Energy
9. Soil dynamics in tillage and traction.

Personal Profile

Full Name	Pradeep Kumar
Date of Birth	15 Aug, 1994
Hobbies	Playing Cricket, Table Tennis, Volleyball
Language Known	Hindi, English
Permanent Address	Village – Jarauli, Post- Chandauli Tehsil- Charkhari, Mahoba, Uttar Pradesh - 210421
E-mail ID	rajpootpradeep112233@gmail.com
Contact Numbers	9621703410

Declaration

Hereby, I assure that the information mentioned above is true, correct and complete to the best of my knowledge.

Date: 17 Oct 2023

Place: MRV Chennai

Pradeep Kumar