
EDUCATIONAL QUALIFICATIONS

B.Tech. (Bachelor's Technology in Agricultural Engineering)	2014-2018
Sam Higginbottom University of Agriculture, Technology and Science	82.60% (CGPA)
Formerly Allahabad Agricultural Institute, Uttar Pradesh	
Higher Secondary Certificate	2014
Excellence School, Damoh, MPBSE, Madhya Pradesh	70.33%
Secondary School Certificate	2012
Excellence School, Damoh, MPBSE, Madhya Pradesh	84.33%

WORK EXPERIENCE: 4 years

National Innovation Foundation-India (Autonomous body of DST, Govt. of India)

Junior Research Fellow, July 2018 – Present

- Value addition, research and development done in Deep furrow opener, Manual paddy transplanter, Manual hand weeder, Ragi thresher, Tractor mounted combine harvester, Rotavator mounted fertilizer spreader, Tamarind deseeding Machine, Cashew nut skin remover and Manual tool for cutting onion root and leaves
- Monitoring for the conducted of field trials and testing at various Government Institutes like SLFMTTC (Bhubaneswar, Odisha), KVK (Raygadh, Chhattisgarh) and Joint agriculture director, (Basti Mandal, Uttar Pradesh)
- Scouting and documentation of engineering innovation, Technical writing, Detailed documentation of technology
- Different types of Agricultural Machine–Contract manufacturing from Industries for Technology transfer
- National Entrepreneurship Award, INSPIRE Award MANAK, IGNIGHT Award and FINE Awards at communication Workshops handling
- Assisting innovators & entrepreneurs in improving technological status of the innovations and mobilizing support
- *Intern – Agricultural Machinery July – December 2018*

PUBLICATION (In process)

- Kartik Patel, Mamata Nayaka, Rakesh Maheswari and Dyaram V. Chauhan; Design and Development of Ragi (Finger millet) Thresher. ICoRD'23.

TECHNICAL SKILLS

- **Operating System:** Microsoft Windows Operating System, Linux
- **Tools:** MS Office (Word, Excel, Power point), AutoCAD, Photoshop, DTP
- **Machining Tools:** CNC, Milling, Lathe, Grinder, Drill Press, Turning
- **Welding Tools:** Plasma cutter, Oxyacetylene torch, TIG welding