

CURRICULUM VITEA



NAME : BRAJESH NARE
DATE OF BIRTH : 28.09.1982
DESIGNATION : SR. SCIENTIST
ORGANIZATION : ICAR-CENTRAL POTATO RESEARCH STATION,
JALANDHAR

CONTACT DETAILS

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ACADEMIC QUALIFICATION

Degree	Major Subjects	Board/University	Year
Bachelor of Technology	Agricultural Engineering	J.N.K.V.V. Jabalpur	2006
Master of Technology	Farm Machinery & Power	J.N.K.V.V. Jabalpur	2010
PhD	Farm Machinery & Power	IIT Kharagpur	2019

WORK EXPERIENCE

Designation	Organization	Duration	Years
Project Officer	Eicher Tractor Ltd. (TMTL), Bhopal	July 2006 to June 2008	02
Research Fellow	Punjab Agricultural University, Ludhiana	Sep 2010 to June 2012	02
Scientist	ICAR- Central Potato Research Institute, Shimla (RS Jalandhar)	July 2015 to till date	09

AREA OF SPECIALIZATION

Robotics and farm machinery

Aeroponics for seed potato production

AWARD

Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences 2020 (Natural Resource Management & Agricultural Engineering)

RESEARCH PUBLICATIONS

Paper Published: Nos. 27

IPs:

Patents : 05

Design Reg. : 14

Trademark : 02

TECHNOLOGIES DEVELOPED

- Unmanned robotic ground vehicle
 - Canopy specific targeted spraying system
 - Minituber counting machine
 - Minituber grading machine
 - Modular structure for covering an area with net.
 - Innovative hand tools
 - Machine vision based sugarcane bud cutting machine
 - Sensor based intra-row weeding system and method thereof
 - System and method for spraying liquid chemical on objects using ultrasonic sensor
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