

RESUME

NAME: DR. SUJIT HENSH

DESIGNATION: ASSISTANT PROFESSOR

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

College of Agriculture, Bidhan Chandra Krishi Viswavidyalaya, Burdwan,
Agricultural Farm, Gate no. 1, Kalna Road, Burdwan, Pin 713101



2. PHONE : Mobile: 9475207072
WhatsApp: 9475207072

3. EMAIL : Institutional: hensh.sujit@bckv.edu.in
Alternative: s.hensh1986@gmail.com

4. ORCID ID: 0000-0003-3789-2199

5. GOOGLE SCHOLAR PROFILE:

<https://scholar.google.com/citations?user=7SwTgGwAAAAJ&hl=en>

6. RESEARCHGATE PROFILE: <https://www.researchgate.net/profile/Sujit-Hensh>

7. DATE OF BIRTH: 18/05/1986

8. DATE OF JOINING TO THE UNIVERSITY: 01/12/2015

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	PhD, Farm Machinery and Power	IIT Kharagpur	2022
MASTER'S	M.Tech, Farm Machinery and Power	IIT Kharagpur	2010
BACHELOR'S	B.Tech, Agricultural Engineering	BCKV	2008

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	BCKV	01/12/2015	Till date
Assistant Engineer	WRIDD, Govt. of West Bengal	30/11/2010	30/11/2015

11. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Provost of Boys Hostels of College of Agriculture, BCKV, Burdwan	01/04/2022	Till date

12. AREA OF RESEARCH : (Bulleted list)

- Automation in Agriculture
- Precision Agriculture
- Unmanned vehicle for Agricultural applications
- Solar powered agricultural machineries

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE			
	SWC 160	Introductory Soil and Water Conservation	2 (1+1)
	AEG(A) 210	Farm Machinery and Power	2 (1+1)
	AEMP 310	Protected Cultivation and Secondary Agriculture	2 (1+1)
	AEG 358	Renewable Energy and Green Technology	2 (1+1)
	AEG (H) 259	Farm Power and Machinery	2 (1+1)
	FMP 231	Tractor and Automotive Engines	3 (2+1)
	FMP 351	Tractor Systems and Controls	3 (2+1)
POST GRADUATE			
Ph.D.	REE 602	Thermo-Chemical Conversion of Biomass	3 (2+1)

14. NUMBER OF STUDENTS SUPERVISED:

Master's, _____ Nil _Doctoral_ Nil

15. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)

- External Member of Board of Studies of Haldia Institute of Technology, Haldia

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- Indian Society of Agricultural Engineers (ISAE)
- Crop and Weed Science Society (CWSS)

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Evaluation of bio efficacy,	M/S Corteva	Ongoing	Co-PI

	phytotoxicity of Florpyrauxifen-benzyl 20 g/L+ Chyalofop Butyl 100 g/L EC or weed control both in transplanted and direct seeded rice in Kharif season and their effect on succeeding crops.	Crop India Pvt. Ltd.		
2	Evaluation of bio efficacy and dosage optimization of humic acid-based bio stimulant 'Humalite' on potato crop	M/S hF Service	Ongoing	Co-PI
3	Bio-efficacy evaluation of Fipronil 15% + Flonicamid 15% WG on Okra against Shoot and Fruit borer, Alphids and Whitefly	M/S UPL Sustainable Agri solution Ltd.	Ongoing	Co-PI
4	Evaluation of bio-efficacy and phyto-toxicity of Gibberelic acid 0.001% L on cabbage and cauliflower	M/S Panshibao Wang Pvt. Ltd.	Ongoing	Co-PI
5	Evaluation of bio-efficacy, phytotoxicity of Bio stimulant Sea weed extract (Maxilizer/Indolizer) Liquid and Granules against growth and yield attributing parameters of Potato	M/S Indofil Industries Ltd.	Completed	Co-PI

18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Winter School on "Renewable Energy for Productive uses in Rural Agro-processing Sector"	21 days	ICAR-Central Institute of Agricultural Engineering, Bhopal, India	Trainee

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc**A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Doubling Farmers' Income: Role of Agricultural Mechanization	1 day (29.01.2018)	Department of Agricultural Engineering, Visva-Bharati, Sriniketan, West Bengal	Oral presenter
2	National conference on Digital and Engineering Technologies for Precision Agriculture and Value addition.	2 days (26.02.2018 to 27.02.2018)	College of Agricultural Engineering, Bapatla, Andhra Pradesh	Oral presenter
3	National seminar on Vegetables for livelihood and nutritional security under changing climate scenario	2 days (06.12.2018 to 07.12.2018)	FACC, BCKV, Kalyani, Nadia	Oral presenter
4	International symposium on Emerging trends in Agricultural Engineering Education, Research and Extension	3 days (23.11.2021 to 25.11.2021)	Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar	Oral presenter
5	International Symposium on India @2047: Agricultural Engineering Perspective	3 days (09.11.2022 to 11.11.2022)	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.	Oral presenter
6	National seminar on Climate resilient millet production technologies for sustainable agriculture	2 days (28.04.2023 to 29.04.2023)	College of Agriculture, Tripura	Oral presenter
7	National seminar on sustainable agriculture for Aatma Nirbhar Bharat: Agrivision 2047	1 day (24.06.2023)	IIT Kharagpur	Poster presenter
8	International conference on Agricultural Innovation for sustainable development goals with special focus on Natural Farming	3 days (30.09.2023 to 02.10.2023)	FACC, BCKV, Kalyani, Nadia	Poster presenter

20. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- **First** position in Poster Presentation competition in the International conference on Agricultural Innovation for sustainable development goals with special focus on Natural Farming organized by CWSS, BCKV, Kalyani on 30.09.2023 to 02.10.2023.
- **Second** position in Poster Presentation competition in the National seminar on sustainable agriculture for Aatma Nirbhar Bharat: Agrivision 2047 organized by IIT Kharagpur on 24.06.2023.


21. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

-

22. PUBLICATIONS**A. BOOKS****B. BOOK CHAPTERS (Best 10)****C. RESEARCH PAPERS (Best 10)**

Sl. No.	Title with page no.	Journal	ISSN/ ISBN No.	Whether peer reviewed. Impact Factor/ equivalent rating
1.	An instrumentation system to measure the loads acting on the tractor PTO bearing during rotary tillage, 1-10	Journal of Terramechanics, 96	ISSN 0022-4898	Peer reviewed & Impact factor 2.4
2.	A novel wireless instrumentation system for measurement of PTO (power take-off) torque requirement during rotary tillage, 241-251	Biosystems Engineering, 212	ISSN: 1537-5129	Peer reviewed & Impact factor: 5.1
3.	An unmanned wetland paddy seeder with mechatronic seed metering mechanism for precise seeding, 107463	Computers and Electronics in Agriculture, 203	ISSN 0168-1699	Peer reviewed & Impact factor: 8.3
4.	Measurement of Propelling Power and Clutch Actuating Force of a Self-Propelled Electric Paddy Seeder in Wetland, 203-213	Journal of The Institution of Engineers (India): Series A, 103	ISSN 2250-2157	Peer reviewed & NAAS rating: 5.71
5.	Laboratory Evaluation of a Solenoid-Operated Hill Dropping Seed Metering Mechanism for Pre-germinated Paddy Seeds, 1-12	Journal of Biosystems Engineering, 47	ISSN 2234-1862	Peer reviewed

6.	Drawbar performance of a power tiller on a sandy loam soil of the Nadia district of West Bengal, 1-6	Research in Agricultural Engineering, 68	ISSN 1805-9376	Peer reviewed & NAAS rating: 4.45
7.	Application of drone in Agriculture: An overview, 7-11	Andhra Agricultural Journal, 65 (spl), 2018	ISSN 0003 - 2950	Peer reviewed & NAAS rating: 3.61


7/5/2024

Signature with Date