

Curriculum Vitae (CV) of the PI/CCPI

1.	Name	:	Dr. Roshan Choudhary
2.	Designation	:	Deputy Director Research
3.	Address	:	Directorate of Research, SKNAU, Jobner
4.	Tel/Fax No.	:	
5.	Email	:	roshan.agro@sknau.ac.in
6.	Date of Birth	:	05.12.1986
7.	Name of Institute/Centre Postal Address of the Institution with Tel/Fax No. and Email:	:	Sri Karan Narendra Agriculture University, Jobner-33329, Jaipur, Rajasthan
8.	Highest qualification	:	Ph. D
9.	List not more than 5 major achievements in the past five years:		
	<p>Research</p> <ul style="list-style-type: none"> • I have been contributed and published Research papers (63), technical bulletins & manual (22), books (03), book chapter (14), extension leaflets & folders (21), research report & annual report (15) technical articles (49), extended summary (08) and compendiums (08). • Developed 72 new technologies in the area of weed management & organic farming which were included in PoP of state Government and recommended for farmers during 2013-2023. • As PI & Co-PI, implemented 14 research project & sponsored by state & national organizations during 2013-2022. • Received 19 award & recognitions for significant work in the area of organic farming and weed management. • As Course Director & Course Co-Coordinator conducted nine (09) ICAR-21 days training programme of scientist of different ICAR institute & SAUs. • Organized 23 conferences/symposium/annual group meetings/QRT/workshop as Organizing secretary & Co- Organizing secretary at MPUAT, Udaipur in different years. <p>Teaching</p> <ul style="list-style-type: none"> • Guided 11 students under my supervision as major advisor in organic farming & weed management for M.Sc. & Ph. D (Agronomy) degree. <p>Extension</p> <ul style="list-style-type: none"> • Involvement in research project and dissemination of technology to the farmer field in collaboration with other AICRPs; organized 62 On & Off campus training/kisan mela/exhibitions, 04 TV-radio talks delivered, 35 lectures delivered, 836 FLDs/other demonstrations conducted to validate and spread technologies among farmers. • Developed mobile app for organic farming & weed management 		
10.	List not more than 5 best publications in the past five years:		

	<ol style="list-style-type: none"> 1. Roshan Choudhary, Arvind Verma, S. K. Sharma, S. K. Yadav, R. K. Jain, Gajanand Jat, R. S. Choudhary and Devendra Jain 2021 Productivity enhancement of sweet corn (<i>Zea mays</i>) through organic weed management practices. <i>Indian Journal of Agricultural Sciences</i> 91(7): 1052-57. NAAS rating: 6.37 2. Roshan Choudhary, S. K. Sharma, R. S. Choudhary, S. K. Yadav, Gajanand Jat, Hari Singh and B. S. S. Naik2022. Effect of silicon fertilization on wheat productivity and profitability in Southern Rajasthan. <i>Indian Journal of Agricultural Sciences</i> 92 (4): 500–504. NAAS rating: 6.37 3. Devendra Jain, Suman Sanadhya, Heena Saheewala, Deepali Maheshwari, Aradhana Shukwal, P. B. Singh, R. H. Meena, Roshan Choudhary, S. R. Mohanty and Abhijeet Singh 2020 Molecular diversity analysis of plant growth promoting Rhizobium isolated from groundnut and evaluation of their field efficacy. <i>Current microbiology</i> 77:1550-1557. NAAS rating: 8.34 4. Pooja Jhorar, Roshan Choudhary, Dinesh Jinger, Ipsita Samal, Venkatesh Paramesh, Deepak Kumar, Anamika Nepali, Raveena Kumawat, Ram A. Jat, Tanmaya Kumar Bhoi & Satyapriya Singh2024Foliar Application of Silicon Influences Crop Productivity, Dry Matter Accumulation, Water Use Efficiency, Lodging Score, and Aphid Density in Wheat (<i>Triticum aestivum</i> L.). <i>Communications in Soil Science and Plant Analysis</i>. NAAS rating: 7.80 5. S K Sharma, D Jain, Roshan Choudhary, G Jat , P Jain, A A Bhojiyab, R Jain & S K Yadav 2021. Microbiological and enzymatic properties of diverse Jaivik Krishi inputs used in organic farming. <i>Indian Journal of Traditional Knowledge</i>20 (1), pp 237-243. NAAS rating: 7.09
11.	List the 10 best publications in the whole career:
	<ol style="list-style-type: none"> 1. Roshan Choudhary, Arvind Verma, S. K. Sharma, S. K. Yadav, R. K. Jain, Gajanand Jat, R. S. Choudhary and Devendra Jain 2021. Productivity enhancement of sweet corn (<i>Zea mays</i>) through organic weed management practices <i>Indian Journal of Agricultural Sciences</i> 91(7): 1052-57. NAAS rating: 6.30 2. Roshan Choudhary, S. K. Sharma, R. S. Choudhary, S. K. Yadav,

- Gajanand Jat, Hari Singh and B. S. S. Naik 2022. Effect of silicon fertilization on wheat productivity and profitability in Southern Rajasthan. *Indian Journal of Agricultural Sciences* 92 (4): 500–4. NAAS rating: 6.30
3. Devendra Jain, Suman Sanadhya, Heena Saheewala, Deepali Maheshwari, Aradhana Shukwal, P. B. Singh, R. H. Meena, **Roshan Choudhary**, S. R. Mohanty and Abhijeet Singh 2020. Molecular diversity analysis of plant growth promoting Rhizobium isolated from groundnut and evaluation of their field efficacy. *Current microbiology* 77:1550-1557. NAAS rating: 8.30
 4. B.D. Malunekar, A. Verma, **Roshan Choudhary**, R.S. Choudhary, M.K. Kaushik, G.R. Mali. 2022. Production of fenugreek (*Trigonella foenum-graecum*) as influenced by weed management practices and vermicompost application. *Legume Research – An International Journal*. 45(1): 68-72. NAAS rating:6.80
 5. S K Sharma, D Jain, **Roshan Choudhary**, G Jat , P Jain, A A Bhojiyab, R Jain & S K Yadav 2021. Microbiological and enzymatic properties of diverse Jaivik Krishi inputs used in organic farming *Indian Journal of Traditional Knowledge*. 20 (1), 237-243. NAAS rating: 6.70
 6. S. K Yadav, S K Sharma, **Roshan Choudhary**, R K Jain and Gajanand Jat 2020. Yield performance and economics of wheat varieties under organic farming. *Indian Journal of Agricultural Sciences*. 90 (11): 2225–32. NAAS rating: 6.30
 7. S. K Yadav, S K Sharma, **Roshan Choudhary**, Gajanand Jat, M. K. Yadav, R. S. Choudhary, Devendra Jain, R K Jain, B Sri Siddartha Naik and Preeti Devatwal 2021. Evaluation of varieties of different types of maize under organic farming. *Indian Journal of Agricultural Sciences* 91 (6): 890-894. NAAS rating:6.30
 8. Gajanand Jat, S K Sharma, R. H. Meena, Devendra Jain, **Roshan Choudhary**. R. S. Choudhary, S. K. Yadav, H. K. Sumeriya & B. G. Chhipa 2021. Influence of soil applied zinc on productivity of soybean (*Glycine max*) in south-western Rajasthan *Indian Journal of Agricultural Sciences*. 91 (6): 910-913. NAAS rating: 6.30
 9. Karan Bhadu, S. K. Sharma, **Roshan Choudhary**, S. K. Yadav, R. K.

	<p>Jain, Gajanand Jat & N. Ravishankar 2021 Effect of Jeevamrut on productivity & profitability of wheat under organic farming. <i>Indian Journal of Agricultural Sciences</i> 91 (6): 924-928. NAAS rating: 6.30</p> <p>10. Manisha Meena, Gajanand Jat, R. H. Meena, S. K. Sharma, Roshan Choudhary, S. K. Yadav, Devendra Jain, R. S. Choudhary, B. G. Chhipa & Hemraj Jat. 2021 Effect of phosphorus enriched compost & zinc on soil properties & productivity of blackgram (<i>Vigna mungo</i>). <i>Indian Journal of Agricultural Sciences</i>. 91 (9): 1333-36. NAAS rating: 6.30.</p>
11.	List not more than five best multi-disciplinary/multi-institution projects in which the scientist has worked in your career as PI and as partners
	<ul style="list-style-type: none"> i. Name of the Project: Development of Organic Input Production and Organic Farming Technologies State Govt. (Raj.) sponsored RKVY project from 2017-18 to 2021-22 and total cost Rs. 116.554 Lakh as Co-PI at MPUAT, Udaipur ii. Studies on Use of Active Silica in Agriculture Seema Mineral & Metals Pvt. Ltd., Udaipur during 2018-19 to 2019-20 and total cost Rs. 33.20 lakh as Co-PI at MPUAT, Udaipur iii. Promotion of Natural Farming to sustain agriculture production system sponsored RKVY project from 2024-25 to 2026-27 and total cost Rs. 47.47 Lakh as Co-PI at SKNAU, Jobner.
12.	List of projects in which the PI/CCPI has been working right now. Give for each the following information
	<ul style="list-style-type: none"> a) Name of the Project: b) Objectives c) Working as PI/CCPI/Cp-PI d) The objectives/activities that you are handling (in not more than 5 bullet points) e) Source of funding and total budget for you: