

**Name** Dr. Roshan Lal Meena  
**Date of birth** 24.01.1987  
**Designation** Scientist (Senior Scale)  
**Qualification** Ph.D. (Ag.) Agronomy  
**Email id** roshan.meena34@gmail.com, roshan.meena@icar.gov.in



### Educational Qualifications

- Ph.D (Agronomy), MPUAT, Udaipur(2021).
- M.Sc (Agronomy), ANGRAU, Hyderabad(2011).
- B.Sc. (Ag.) Hons., SKRAU, Bikaner(2009).

### Professional Experience

- Scientist (Sr. scale) at ICAR-NBSS&LUP, Regional Center, Udaipur from January 2018 to till date.
- Scientist at ICAR-NBSS&LUP, Regional Center, Udaipur from August 2013 to December 2017.
- Scientist at ICAR-NBSS&LUP, Nagpur from April to August 2013.
- Scientist at ICAR-NAARM, Hyderabad from January to March 2013.

### Research Areas

- Soil survey .
- Soil and land suitability evaluation and Land Use Planning .
- Remote sensing and GIS .
- Crop husbandry and irrigation management.
- Conservation agriculture.

### International Experience - Nil

### Awards

- ICAR-Junior Research Fellowship for M.Sc.
- ICAR-Senior Research Fellowship for Ph.D.

### Honours/Recognitions

- Young Scientist Award by Dr. Ram Avatar Shiksha Samiti (DRASS), UP during International webinar on URBAN & Peri-Urban Agriculture for Livelihood from July 29-30, 2020.
- Best paper presentation award "Appraising soil moisture content and variations under different prevailing land use systems in the Sub-humid Southern Plains of Rajasthan" authored by R.B. Meena, S.C. Meena , R. H. Meena , Ramu Meena , R. L.Meena , Mahaveer Nogiya, and Prabhat Kumar during National Annual Conference on Advances Tools and Techniques in Agriculture, Horticulture, Environmental & Biotechnological Science in Current Era (2021).

### Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Singh, Raman Jeet., <b>Meena, Roshan Lal.</b> , Sharma, N.K., Kumar, Suresh. Kumar, Kuldeep and Kumar, Dileep. 2016. Economics, energy, and environmental assessment of diversified crop rotations in sub-Himalayas of India. <i>Environment Monitoring and Assessment</i> , <b>188:79</b> .	8.51
2.	<b>Meena, R. L.</b> , Solanki, N. S., Rao, S. S., Singh, R. S., Kaushik, M. K., Meena, R. H., Meena, R. B., Meena, R. S. and Prajapat, B. S. 2021. Effect of crop establishment methods, irrigation regime, hydrogel and salicylic acid application on yield components and nutrient	5.21

content of wheat under late sown conditions. *The Pharma Innovation* 10(9): 715-719.

3. **Meena, R. L.**, Solanki, N. S., Rao, S. S., Singh, R. S., Kaushik, M. K., Meena, R. H., Meena, R. B. and Meena, R. S. 2021. The effect of sowing methods, irrigation scheduling and agrochemicals on growth and yield parameters of wheat under late sown conditions. *The Pharma Innovation* 10(9): 351-355. **5.21**
4. **Meena, R.L.**, Rao, V. Praveen and Jat, Aanandi Lal., 2014. Production potential and quality of rice (*Oryza sativa*) varieties as influenced by date of transplanting in Southern Telangana. *Current Advances in Agricultural Sciences*, **6**(1): 55-67. **5.12**
5. **Meena, R.L.**, Rao, V. Praveen and Jat, Aanandi Lal., 2015. Performance of rice varieties in to crop growth, yield, physiological parameters and agrometeorological indices under different date of transplanting. *Green Farming*, **6**(4): 704-707. **3.85**
6. Moharana, P.C., Naitam, R.K., Verma, T.P., **Meena, R.L.**, Kumar, Sunil., Tailor, B.L., Singh, R.S., Singh, S.K. and Samal, S.K. 2017. Effect of long-term cropping systems on soil organic carbon pools and soil quality in western plain of hot arid India. *Archives of Agronomy and Soil Science*, **63**(12), 1661-1675. **9.09**
7. Moharana, P.C., Singh, R.S., Singh, S.K., Jena, R.K., Naitam, R.K., Verma, T.P., Nogiya, M., **Meena, R.L.**, **Gupta, D.K.**, Kumar, Sunil., Tailor, B.L., and Singh, R. 2018. Assessment of soil quality monitoring indicators under long term rice cultivation in hot arid Ghaggar-flood plains of India. *Archives of Agronomy and Soil Science*. **9.09**
8. Verma, T.P., Moharana, P.C., Naitam, R.K., **Meena, R.L.**, Kumar, Sunil., Singh, R., Tailor, B.L., Singh, R.S. and Singh, S.K. 2017. Impact of cropping intensity on soil properties and plant available nutrients in hot arid environment of North-Western India. *Journal of Plant Nutrition*, **40**(20), 2872-2888. **7.71**
9. Kumar, Sunil., Gulati, I.J., Yadav, S.R., Yadav, R.S., Moharana, **Meena, R.L.**, Singh, R., Tailor, B.L., and Singh, R.S. 2018. Impact of low potassium fertilization on potassium transformation under different crop management systems in western plain of arid Indi. *Journal of Plant Nutrition*, **41**(4), 411-424 **7.71**
10. Prajapat, B. S., Kaushik, M. K., Sharma, S. K., Choudhary, R., Yadav, S. K., Meena, S. N., **Meena, R. L.** and Sidhartha Naik, B. S. S. (2021). Effect of active silica on performance of maize (*Zea mays*) under organic farming. *Indian Journal of Agricultural Sciences*. **91** (10): 103-107. **6.37**

### Total Publications (Peer-reviewed journals only): 21

International:07

National:14

Research Gate link: <https://www.researchgate.net/profile/Roshan-Meena-2>

Google scholar link:

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&hl=en&user=hXdnViMAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=hXdnViMAAAAJ)