

# CURRICULUM VITAE

**Dr. Naresh Kumar Yadav**

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## Personal Details

**Nationality and Passport no.:** : INDIAN, P2882115

**Date of Birth:** : 09-06-1987

**Sex:** : Male

**Familial Status:** : Married

**Permanent address:** : Vill.- 7 LNP, P.O.- 6 NLP,  
Tehsil and District- Sriganaganagar- 335002  
Rajasthan, India

## 1.0 Educational Qualifications

Degree	Name of institution	Subject	Period	Marks
Ph.D. (Soil Science and Agriculture Chemistry)	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (Jammu and Kashmir) India URL: <a href="http://www.skuast.org">http://www.skuast.org</a>	Soil Science and Agricultural Chemistry	2017-2021	7.04/10
M. Sc. (Soil Science and Agril. Chemistry)	Anand Agricultural University, Anand (Gujarat) India. URL: <a href="http://www.aau.in">http://www.aau.in</a>	Soil Science and Agricultural Chemistry	2010-2012	6.63/10.00
B. Sc. (Honours' Agriculture)	S.K. Rajasthan Agricultural University, Bikaner, India URL: <a href="http://raubikaner.org/">http://raubikaner.org/</a>	Agronomy, Soil Science, Horticulture, Plant Breeding and Genetics	2005-2009	6.31/10.00

**Ph.D. Thesis Title:** *“Dynamics of Soil Health in a Rice-Berseem System As Influenced by Organic Nutrient Management ”.*

(Supervisor- **Prof. & Head Vikas Sharma**, Division of Soil Science & Agricultural Chemistry, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Chatha-180009, India).

**M.Sc. Thesis Title:** *“Effect of type of biochar on growth, dry matter yield and nutrition of maize (Zea mays L.) grown on sandy loam soils of middle Gujarat”.*

(Supervisor- **Prof. P.C. Patel**, Research Scientist, N.C. Farm, Anand Agricultural University, Anand-388 110, Gujarat (India).

## 2.0 Employment record/ Teaching & Research experience:

### 2.1 Academic Experience

- RAWE (Rural Agricultural Work Experience) programme for 6 months in 2009.
- Basic computer course during degree with 67.5%.
- Diploma in Computer Application during 2013 (RS-CT) with 60.00%
- Certificate course on organic farming (30 days)
- 21 Days Advance National Training Programme 2020

### 2.2 Research Experience

1. Worked as a Senior Research Fellow: in project entitled “Developing technologies for Organic farming in Western Rajasthan” from February 2013 to March 2015 at Agricultural Research Station, Swami Keshwanand Rajasthan Agricultural University, Sriganganagar- 335001, Rajasthan (India).
2. Worked as a Senior Research Fellow: in project entitled “SAU Bt Cotton paid-up trial (7-PVT-111)” from March 2015 to March 2018 at Agricultural Research Station, Swami Keshwanand Rajasthan Agricultural University, Sriganganagar- 335001, Rajasthan (India).

### 2.3 Membership of the Scientific Association

- Membership of the Indian Society for Soil Science (ISSS).
- Founder and Life member of ‘Green India, Clean Environment Society’

### 2.4 Research Expertise/ Technical Skills

#### KEY SKILLS

#### Soil Science and Agronomy

- Analytical expertise in soil and plant samples for different macro and micro nutrients.
- Different nutrient analysis in soil and plant with relation to crop physiological parameters.
- Prepared articles, research papers.

### 2.5 Teaching Experience

- I have working as lecturer in Surendar Kour Memorial Agriculture College, 24 BB, Padampur district Sriganganagar (Rajasthan) since September 19, 2022.

## 3.0 List of Publications

### 3.1 Research Paper

- **Yadav, N.K.**, Sharma V., Arya, V.M., Choudhary, R.S., Panotra, N. and Singh, S.K. (2022). Effect of Organic Manures on Soil Bulk Density, Porosity and Water Holding Capacity in A Paddy-Berseem Cropping System. *Journal of Soil and water Conservation*, 21(2): 127-132.
- **Yadav, N.K.**, Sharma, V., Kumar, V., Bhart, R., Choudhary, S.K., Bishnoi, S., Sehgal, S., and Devi, M. (2022). Studies on effect of different organic manures on growth performance of basmati rice. *The Pharma Innovation Journal*, 11(1): 1486-1489.

- **Yadav, N.K.**, Sharma, V., Kumar, V., Choudhary, R.S., Devi, M. And Panotra, N. (2021). Impact of organic manures on different soil chemical indicator improved the soil health under basmati rice in North Zone of Jammu region. *The Pharma Innovation Journal*, SP-10(12): 1879-1883.
- Choudhary, R.S., Mondal, A.K., Sharma, V., Puniya, R., **Yadav, N.K.**, Jhajhra, S., Bana, R. C., Bochalya, R.S., Choudhary, R.K. and Kumawat, S.N. (2021). Effect of organic manures and boron application on growth parameter of mustard (*Brassica juncea L.*). *The Pharma Innovation Journal*, 10(2): 2958-2962.
- Choudhary, R.S., Mondal, A.K., Sharma, V., Puniya, R., **Yadav, N.K.** and Arora, R.K. (2021). Effect of organic manures and boron application on nitrogen, phosphorus, potassium and boron content in soil. *The Pharma Innovation Journal*, 10(9): 1218-1222.
- Choudhary, R.S., Mondal, A.K., Sharma, V., Puniya, R., Banwaria, R., **Yadav, N.K.**, Jhajhra, S., Bana, R. C., Bochalya, R.S., Choudhary, R.K. and Kumawat, S.N. (2022). Effect of Organic Manures and Boron Application on physico-chemical properties of mustard grown soil under Jammu region. *Agricultural Mechanization in Asia*, 53(02):5393-5399.
- Choudhary, R.S., Mondal, A.K., Sharma, V., Puniya, R., **Yadav, N.K.**, Jhajhra, S. (2022). Effect of Organic Manures and Boron Application on Yield Attributes and Yield of Mustard (*Brassica juncea L.*) under Jammu region. *Communication in Soil Science and Plant Analysis, Taylor & Francis Group*. DOI: <https://doi.org/10.1080/00103624.2022.2137189>
- Mamta, D., Sharma, K.R., Vikas, S., Ramphool, P., Samanta, A., Raina, N.S., **Yadav, N.K.**, Singh, D.P., and Amjid, S. (2022). Soil properties as influenced by different land use system under subtropical region of Jammu region. *International journal of plant and soil science*, 34 (11): 199-124.
- G.M. Mathur, **Yadav, N.K.**, Kumar, R. and Bishnoi, S.K. (2017). Enhancing growth and yield of wheat crop by influence micronutrient chelates under entisols in Rajasthan. *Progressive Research – An International Journal*, Volume 12 (Special-II): 1853-1855.
- Singh, K., Vikaram, Kumar, Aswani and **Yadav, N.K.** (2017). Eco-friendly management of mustard aphid (*Lipaphis erysimi kaltenbach*) on mustard (*Brassica Juncea*) at transyamuna region of Allahabad. *Progressive research- An international journal*. Volume 12 (Special-I): 1001-1003.
- Sharma,U., David, A.A., Kumar, R. and **Yadav, N.K.** (2016). Effect of Integrated Nutrient Management on Soil Nutrient Status after Harvest of Cluster Bean. *Research in environment and life science*, 9 (12): 1447-1450.

- **Yadav, N.K.**, Kumar, R., Bishnoi, S.K. and Patel, P.C. (2015). Effect of different types of Biochar application on secondary and micronutrients content and uptake by fodder maize. *International Journal of Bio-resource and Stress Management*, 6(3):386-395.
- **Yadav, N.K.**, Kumar, R., and Bishnoi, S.K. (2014). Effect of biochar on the growth, nutrient content and quality attributes in maize crop in middle Gujarat. *Green Farming*, 5 (5): 818-822.
- Kumar, R., Singh, N., Kumar, R., and **Yadav, N.K.** (2014). Lysimeter study on growth attributes, yield and water use efficiency in vegetable pea under different water table conditions. *Ecology, Environment & Conservation*, 20 (2): 303-306.
- Kumar, R., **Yadav, N.K.**, Gobinath, R., Ramani, V.P. and Patel, K.P. (2014). Effect of Zn application on micronutrient content in shoot of different wheat cultivars. *Ecology, Environment & Conservation*, 20 (3): 1333-1337.

### 3.2 Review Article

- Choudhary, R.S. and **Yadav, N.K.** (2021). Biofertilizers (Microbial Inoculants). *Just Agriculture*, Vol.1 Issue-6: 1-10. **(Article)**
- **Yadav, N.K.**, Kumar, V., Sharma, K.R., Choudhary, R.S., Butter, T.S., Singh, G., Kumar, M. and Kumar, R. (2018). Biochar and their impacts on soil properties and crop productivity: **a review**. *Journal of Pharmacognosy and Phytochemistry*, 7(4): 49-54.
- Kumar, V., Butter, T.S., Samanta, A., Singh, G., Kumar, M., Dhotra, B., **Yadav, N.K.** and Choudhary, R.S. (2018). Soil compaction and their management in farming systems: **A review**. *International Journal of Chemical Studies*, 6(3): 2302-2313.
- Bishnoi, S.K., Chouhan, R.P.S., **Yadav, N.K.** and Bishnoi, P. (2017). Abiotic stress effects on plants under climate change. *International Journal of Bio-resource and Stress Management*, 8(6): 863-870.
- Choudhary, R.S., **Yadav, N.K.**, Jhajhra, S. and Yadav, P.K. (2022). How The Farmer Improve Fertility of Soil. *Times of Agriculture, A Resonance in Agriculture*, Issue-25, page No. 116.
- **Yadav, N.K.**, Choudhary, R.S., Jhajhra, S., Kumavat, P.K. and Yadav, P.K. (2022). □□□□□ □□ □□□□□ □□□□ □□□ □□□ □ □□□ □□□□□□□, □□□□□ □□□□□□□□□□, ISSN No. 2582-9882.
- Choudhary, R.S., Jhajhra, S., **Yadav, N.K.**, Bochalya, R.S., Kumavat, P.K. and Yadav, P.K. (2022). □□□□□ □□□□□ - □□ □□□□□. □□□□□□ □□□□□□□□□□, ISSN No. 2582-9882.

### 3.3 Book Chapter

- Bishnoi, S.K. and **Yadav, N.K.** (2016). Anthropogenic Induced Stress and its Impact on Plants. Recent Advances in Plant Stress Physiology, Editors: PradumanYadav, Sunil Kumar and Veena Jain, *Daya Publishing House*, New Delhi, pp 297-328.
- Choudhary, R.S., **Yadav, N.K.**, Choudhary, R.K. and Jhajhra, S. (2022). Soil suitability and management criteria for crop production. *Modern Technology of Agriculture*, First Edition: 2022,146-157, ISBN: 978-93-91872-27-4.
- Choudhary, R.S., Jhajhra, S., **Yadav, N.K.**, and Kumar, P. (2022). Importance and Different Sources of Boron for Crops and Soil Health. Integrated Publications, New Delhi. ISBN: 978-93-93502-66-7. DOI: <https://doi.org/10.22271/int.book.155>

### 3.4 BOOK

- **Yadav, N.K.**, Kumar, R., and Jyothi, V. (2023). Efficiency of Biochar in Maize crops (*Zea mays* L.). Biochar enhances favorable environment and nutritional enrichment Publisher: LAP LAMBERT Academic Publishing is a trademark of Dono Books Indian Ocean Ltd, and Omni Scriptum S.R.L publishing group. ISBN: 978-620-5-64034-7

### 3.5 Abstract and Poster

- **Yadav, N.K.**, Sharma V., Arya, V.M. and Choudhary, R.S. (2021). Impact of different organic manures on chemical properties of soil by basmati rice-berseem system on north zone of Jammu region. Academy of Natural Resource Conservation and Management (ANRCM), Lucknow. 2<sup>nd</sup> international Web-conference on smart agriculture for resource conservation and ecological stability. October 29-31, 2021 **(Best Poster Award) (Abstract)**
- **Yadav, N.K.**, Bana, R.C. and Choudhary, R.S. (2020). Plant rhizospheric microbial interaction to improve p use efficiency. *International Web Conference on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2020)*. Page No. 174. during 28-30 December. **Poster (Abstract)**
- **Yadav, N.K.**, Abrol, V., Sharma, V. and Choudhary, R.S. (2020). Role of biochar for increasing soil fertility and productivity. International web-conference- Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals, 11-12 September, page No.-311 Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, U.P. (India).

- **Yadav, N.K.**, Patel, P.C. and Rajkishore (2013). Role of different types of biochar for increase the micronutrient content of maize (*Zea mays* L) crop. *6th International Congress of Environmental Research*, ID/N: LS-120, pp 31.
- **Yadav, N.K.** and Choudhary, R.S. (2021). Effect of organic manures on enzymes activities of soil by basmati rice-berseem system on Jammu region. International Web conference on global research initiatives for sustainable agriculture & allied science (GRISAAS-2021) during 13-15 December.
- Choudhary, R.S. and **Yadav, N.K.** (2021). Impact of organic manures and boron application on chemical properties of mustard grown soil in Jammu region. International Web conference on global research initiatives for sustainable agriculture & allied science (GRISAAS-2021) during 13-15 December.

### 3.6 List of Popular Article

- Kailash, Verma, H.K., Choudhary, B. and **Yadav, N.K.** (2017). E-Nam: Ek rashtra ek Krishi bajar. *Rajasthan Kheti*. September, 2017, pp: 22-23.
- Kailash, Verma, H.K., **Yadav, N.K.** and Jat, R. (2017). DIDI Durdarshan Kishan: Badlte Bhart ki Shan. *Rajasthan Kheti*. August, 2017, pp: 30-31.
- Kumar, M., Kumar, N., Kumar, P., Kumar, R., **Yadav, N.K.** (2017). Surshit Anaaj Bhandaran. *Simasandesh*, 14 August, 2017, pp: 06.
- **Yadav, N.K.** and Mathur, G.M. (2016). Mrida ko svasth rakhane ki krishankriyaen. Newspaper *Simasandesh*, 12 December, 2016, pp: 06.
- Mathur, G.M. and Yadav, N.K. (2015). Bhumi ki urwaea kaise badaen. *Simasandesh*, 02 March, 2015, pp: 03.
- Bishnoi, S.K. and **Yadav, N.** (2014). Thayo yuria ke parniy chhidkav se rabi ki phaslon ki udpadkta men badotari. *Rajasthan Kheti*. March., 2014, pp: 17-18.
- **Yadav, N.K.** and Bishnoi, S.K. (2013). Rabi phaslon men kharptvarniyantran. *Rajasthan Kheti*. December, 2013, pp: 48.
- Mathur, G.M. and **Yadav, N.K.** (2013). Kse kre narma kpas me udpadkta me vridi. *Rajasthan Kheti*. October, 2013, pp: 44-45.

### 3.7 Certificates

- Agricultural and Environmental Technology Development Society (AETDS) U.K. (India). Young Scientist Award-2022, 4<sup>th</sup> International Conference at Tribhuvan University, Pokhara Campus Pokhara, Nepal.
- ANRCM Lucknow (UP) Oct.29-31, 2021. (Best Poster Award)
- ANRCM Lucknow (UP) Sept.11-12, 2020. (Poster/Paper)

- GRISAAS-2020, 28-30<sup>th</sup> December. (Poster)
- GRISAAS-2021, 13-15 December. (Abstract and Participation)
- International Soil Conservation Organization- April 22, 2021 (Participation)
- 21 days Advanced National Training Programme from 1<sup>st</sup> Dec. to 21<sup>st</sup> Dec. 2020
- Certificate course on Organic Farming from 25<sup>th</sup> Nov. to 24<sup>th</sup> Dec. 2019 (30 days)
- National Workshop, SKM Agri. College, Padampur. 16<sup>th</sup> February 2019
- National Workshop, SKM Agri. College, Padampur. 25<sup>th</sup> February 2017
- Certificate of Appreciation (GICES), SGNR, SKRAU, Bikaner, Dec11-13, 2015
- Workshop (AAU, Anand, Gujarat) 17<sup>th</sup> to 18<sup>th</sup> January, 2012

### **The following experts may be contacted for references**

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- **Dr. P.C. Patel**, Retired Professor, Programme Coordinator, *Krishi Vigyan Kendra*, Devataj, Anand Agricultural University, Anand, Gujrat, India, Mobile No: 0091-9909022116. Emal.: [pcpatel\\_2011@yahoo.in](mailto:pcpatel_2011@yahoo.in)

**Declaration:** I hereby declared that, to the best of my knowledge and belief the particulars given above are correct. If later on, any information turns out to be incorrect I shall be responsible only.

**Date** : 08/12/2023

**Place** : Sriganganagar (India)



**(NARESH KUMAR YADAV)**