

# College of Agriculture

Fatehpur-Shekhawati, Sikar (Rajasthan)-332301

*At A Glance*



**SRI KARAN NARENDRA AGRICULTURE UNIVERSITY**

**JOBNER, DISTRICT - JAIPUR (RAJASTHAN)-303329**

### *From the Dean's desk*



Agriculture, with its allied sectors, is unquestionably the largest livelihood provider in India, more so in the vast rural areas. Agriculture is the most important sector of Indian Economy and accounts for 18% of India's gross domestic product (GDP) and provides employment to 68% of the country's workforce.

Rajasthan, with its diverse agro-climatic conditions, is richly endowed with cultivation of a variety of crops and a strong animal husbandry sector. Agriculture in Rajasthan continues to be the backbone of the State's economy with Agriculture & allied sectors contributing 25.56% to State's total Gross state domestic product in 2019-20. Rajasthan has 11.26% of the country's livestock population and contributes about 12.93% to the total milk production and 32.89% to wool produced in the country. Establishment of Agriculture College in Shekhawati belt is need of this zone to promote agriculture education at ground level along with extension of modern scientific agricultural technologies to raise the sustainable production of agriculture based commodities. I am feeling pride to convey my sincere thanks to our **Hon'ble Vice Chancellor Prof. J.S. Sandhu** for his regular guidance, encouragement and valuable feedback for overall development of this college.



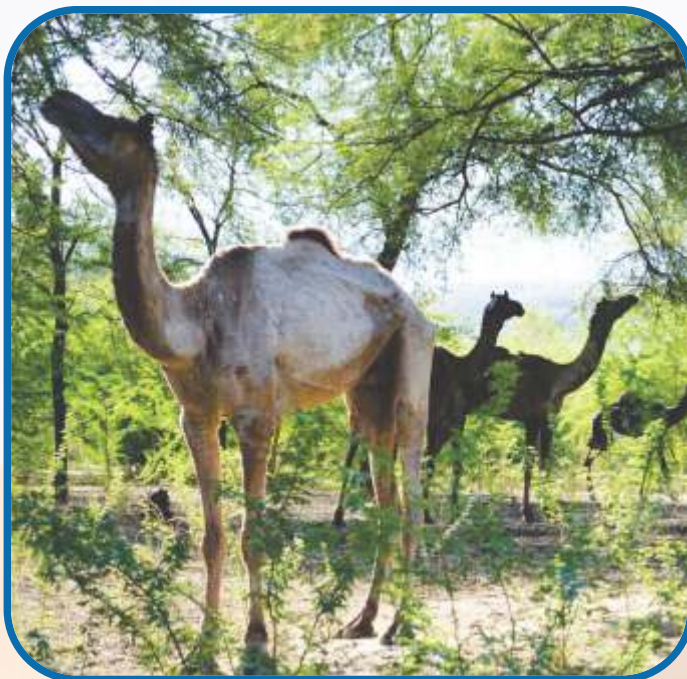
## Prologue

The College of Agriculture, Fatehpur-Shekhawati (District: Sikar) came into existence on 25<sup>th</sup> September, 2013 as a constituent college of Sri Karan Narendra Agriculture University, Jobner, Jaipur. Fatehpur comes under agroclimatic zone II A and is popularly known as “Shekhawati Region” which is rich for its cultural heritage and fertile lands hence deserved the establishment of College of Agriculture to address the growing need for higher education in Agriculture. In addition to that, Agricultural Research Station and Krishi Vigyan Kendra were already functioning at Fatehpur-Shekhawati, since 1984 and 1976, respectively. The establishment of college was conducive in terms of utilizing farm resources and to provide ground practical knowledge to the students.





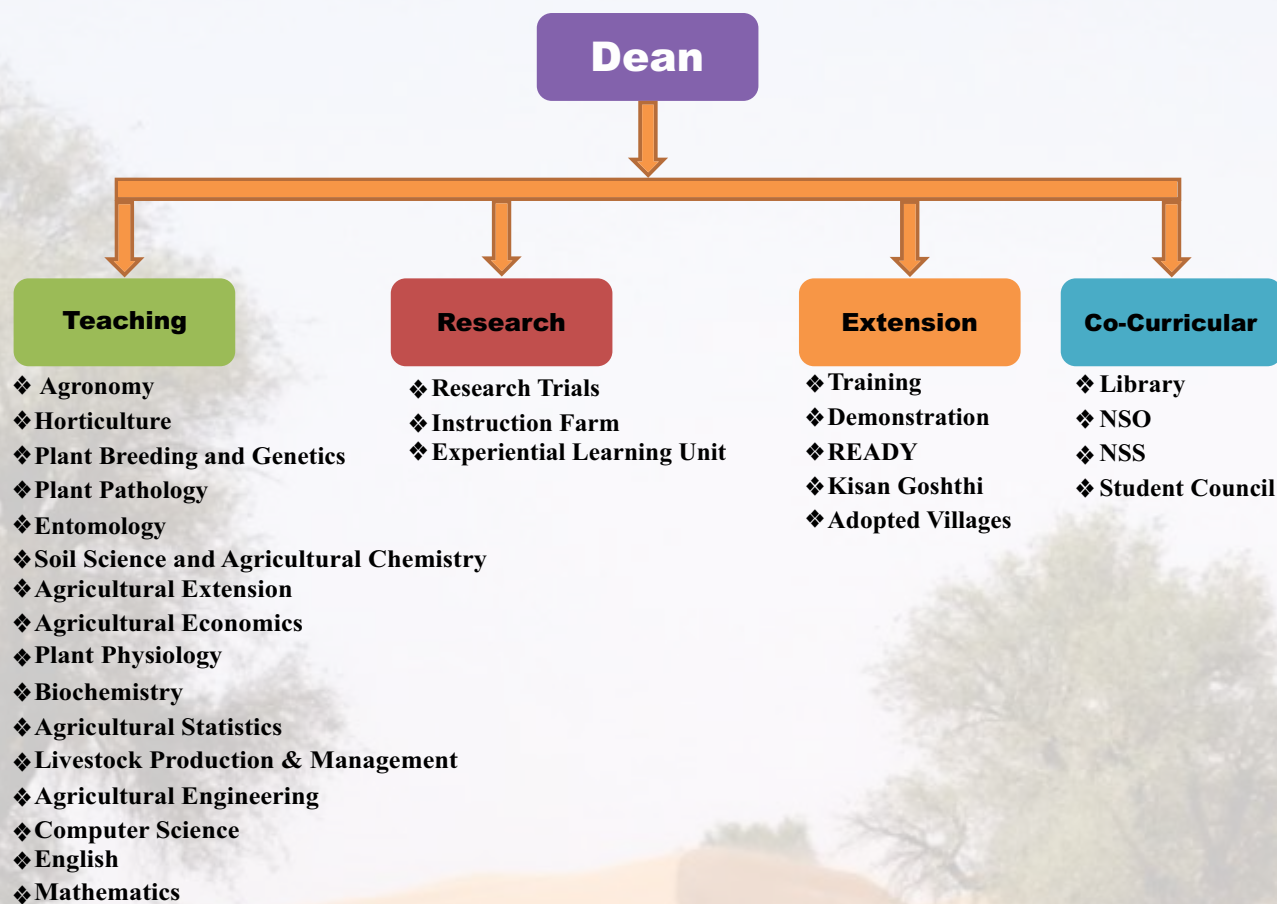
The college campus is sprawling 36 hectare along with 114 hectare of Agricultural Research Station having different Agro-forestry system, experimental plots and seed production farms. The College has been planned to have Sports complex, Boys hostel, Staff Quarters, Gymnasium and Research experimental area with different experiential learning units like Nursery, Vermi-compost, Mushroom, Seed processing unit, Post harvest management unit and herbal garden.



### **Location**

Fatehpur is a small town, established in year 1451 and is also called the culture capital of Shekhawati region. The College of Agriculture, Fatehpur-Shekhawati is located on NH-52 about 6 km from Fatehpur-Shekhawati town towards Sikar. The nearest railway station is Fatehpur-Shekhawati.

## Administrative Setup



## Faculty

Faculty members of this college have their centrality in addressing the primary mission of agricultural education. The faculty members have capacity to disseminate and impart basic or applied knowledge of agriculture to the students and they assist the students with the learning process and applying the knowledge. In sum the faculties are well motivated, dedicated and keenly works round the clock and are readily available to the students. The faculty has vast experience and exposure from different prestigious institutes like IARI New Delhi, BHU Varanasi, UAS Dharwad, UAS Bangalore, UHF Solan and also from SKRAU Bikaner and MPAUT Udaipur.



The faculty update their knowledge and field of expertise by regularly attending national and international seminar, symposia, workshop, summer & winter school and advance faculty training. The faculty have also published their research in national and international recognised journals from publishers like Elsevier, Taylor & Francis and Springer. They are also actively involved as subject expertise in many national and international journals.



## Goals and Objectives

### Goal

- To achieve excellence in agricultural graduate education.

### Objectives

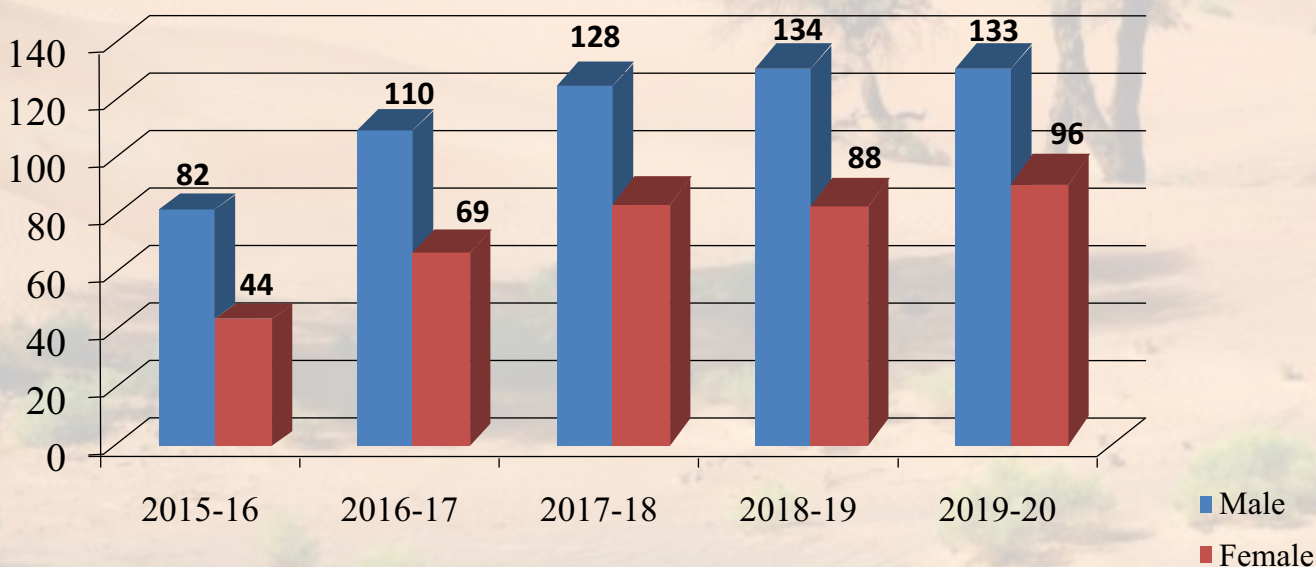
- To undertake under graduates teaching in Agriculture.
- To carry out research to generate technology and extension of technology to the farmers and professionals.
- To undertake the policy programme of state and central government related to agriculture education, research and extension.

### Intake capacity

Undergraduate degree programme have been started in the college from 2013 and four batches (2017 to 2020) have passed out. The intake capacity of college is 60 students who are admitted through different modes.

S. No.	B.Sc. (Hons.) Ag. Admission through	No of seats (2020-21)
1	JET Exam	40
2	JET Exam (Payment Seat)	20
	Total Seats	60

### Student Strength (Last five year)





### ***Available financial assistance to students***

- ❖ Post metric fellowship for SC/ ST/ OBC/SBC Students by Social Justice & Empowerment Department
- ❖ Govt. of Rajasthan.  
Incentive for girls students for pursuing degree in Agriculture by Department of Agriculture
- ❖ Govt. of Rajasthan.  
Maulana Azad National Scholarship for Meritorious Girls student belonging to Minorities by Ministry of Minority Affairs, Govt. of India.

### ***Facilities for students***

#### ***Girls Hostel***

Our College has well furnished girls hostel with common room, mess and indoor games facility.





### Library

College has good library facility and laden with a various kind of books to meet the requirements of students and teaching staff of the college. It is well equipped with all facilities viz. internet facilities, books, newspapers, magazines, bulletins and reprographic amenities. Students visit the library daily and get benefitted. It has more than 3000 books covering almost all aspects of Agriculture. It also has core text books, which are issued to students. College library also has sufficient computers with internet facility for the benefits of students. Exuberant books related to competitive examinations, related to agriculture, ICAR, IARI and agricultural universities etc. are available in the library which is evident from exponential increase in the number of students passing the ICAR's JRF and Pre-PG examination. College of Agriculture Fatehpur library is linked with University library campus, Jobner through internet for providing internet surfing, e-Journal, e-thesis and database facilities.



## **Laboratory and field exposure facilities for students**

Students get the exposure of practical and field experience at this college through well established laboratories of soil science, plant pathology, entomology, plant breeding and genetics, farm machinery. The college students are also benefitted from experimental and see production area (150 Ha.) of College and ARS, Fatehpur.



**Laboratory visit of Hon'ble Vice Chancellor**



**Pure culture of Pathogen**



**Media Preparation Room**



**Seed Processing Plant**



**Soil Science Laboratory**



**Soil Microbiology Laboratory**





**Bagging in Breeding Trials**



**Plant Pathology Laboratory**



**Green House Unit**



**Varietal Screening**



**Fungal Multiplication Experiment**



**Tree Plantation Programme**





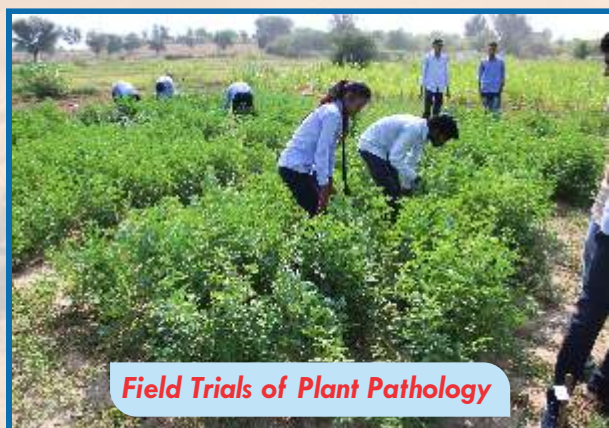
**Agroforestry Systems**



**Autoclaving Process**



**GPS Soil Mapping**



**Field Trials of Plant Pathology**



**Agroforestry Trials**



### Visits of Experiential Learning Units



**Hi-Tech Horticulture**



**Waste Decomposer**



**Vermi-Compost**



**Educational Tour**

### Cultural activities

Cultural activities not only help students to excel themselves at university level but also motivate them to improve skills such as organizational, presentation, leadership and interpersonal communication. Therefore, student of COA, Fatehpur-Shekhawati have participated in several activities at College, University and National level.











## **NSO (National Sports Organization)**

When students are physically fit, they will achieve more academically. Sports develop a sense of friendliness among the students and develop their team spirit. It helps students to develop mental and physical toughness. Sports shape their body and make it strong and active. Students of this college participate in various activities at College, University and National level and perform excellently.







## NSS

National Service Scheme (NSS) unit was launched at the time of establishment of the college. NSS provides the student with an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can involve themselves by assuming social and civic responsibilities. The college has organized numbers of NSS camps, Yoga days, Vocational and Skill development programme on Agriculture, Horticulture and Tree plantation programmes.





### Special Achievement

International webinar on “**Strengthening the Immune System against COVID-19 through Agricultural Innovations**” was successfully organized on 29<sup>th</sup> July, 2020 under the convenorship of Prof. A.R.K. Pathan in which more than 4100 persons from different field viz. Scientists, Professors, Researchers, Academicians, Government employees, Policy makers, U.G. & P.G. Students participated from more than 20 countries. In this International webinar Dr. S.P. Datta (Professor and Principal Scientist) IARI, New Delhi; Binu Cherian (Country Manager, Harvest Plus, ICRISAT, Hyderabad); Dr. Vishnu D. Rajput (Leading Researcher) Southern Federal University, Russia; Dr. Rouhi Dahiya (Hon’ble Vice Chancellor) Jyoti Vidhyapeeth Women’s University, Jaipur and Dr. M. Govindaraj (Senior Scientist,) ICRISAT, Hyderabad presented their scientific talk on different agricultural innovations to combat the global pandemic. The webinar was chaired by Hon’ble Vice Chancellor Prof. J.S. Sandhu, SKNAU, Jobner, Jaipur.





## शिक्षा के साथ सांस्कृतिक गतिविधियां जरूरी

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म. प्रगतिशीलता को देखते हैं। श्री केशव  
जयन्तः हैं। उन्होंने कहा कि कुपि में लोग में  
अलग-अलग हैं, जिसकी भी वेदना  
कहें। अन्य लोग कहें कि कपि प्रगति-  
शीलता में कुपि को प्रगतिशीलता देकर  
सबको सुख में ला सकते हैं। इस

कृषि महाविद्यालय, पल्लोपुर का दार्शनिकोत्तर

## देश में कृषि का भविष्य उज्जवल- डॉ. शर्मा

[illegible]

महाराष्ट्र की राजधानी मुंबई में 2004 की जनगणना के अनुसार 10 लाखों की आबादी के साथ मुंबई को भारत का सबसे अधिक जनघनत्व वाला शहर माना जाता है। मुंबई के अलावा महाराष्ट्र के अन्य शहरों में 10 लाखों की आबादी के साथ पुणे, कोल्हापुर, नागपुर, अहमदनगर, और नांदेड शामिल हैं।

अन्तर माहाविद्यालय स्तरीय प्रतियोगिता

## कबड्डी में फतेहपुर ने जोबनेर को हराया

[illegible][illegible]

कृषि कालेज फतेहपुर में  
अंतरराष्ट्रीय वेबिनार संपन्न

[illegible]

## श्रमदान कर मनाया शिक्षक दिवस

[illegible]

प्रत्येकाल, कृति अनुसंधान केरुन  
 मुनि विद्वान केरुन के अङ्कितो, कर्मवर्ती  
 एवं कर्मो को मोर्षीन विद्वान। जन्मो  
 ब्रह्म के पीठो होन पशुनो ते होन के  
 मन्त्र-मन्त्र के पीठो होन पीठो ते मन्त्रो  
 है। इस पीठो का श्रावितालन एवं  
 अनुसंधान केरुन के, मुनि अङ्कित, डॉ.  
 लक्ष्मण कृष्ण अङ्कित, डॉ. मुष्ण मन्त्रो, डॉ.  
 मुनो मन्त्रो, डॉ. केतल कर्मो, डॉ. धर्म  
 कर्मो, डॉ. वसन्तल, डॉ. केतलकर्मो,  
 डॉ. अमर अङ्कित श्रम, डॉ. मुष्ण कृष्ण डॉ.  
 लक्ष्मण मन्त्र-मन्त्र एवं मन्त्र श्रमकर्म, कर्मो  
 एवं कर्मवर्ती होन विद्वानो है।

कृषि कॉलेज व कृषि अनुसंधान केंद्र  
पर पौधारोपण शिविर आयोजित

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इसकी को पैकअप का लाल  
अलर्ट दिया था। इसके बाद  
1000 मीटर लम्बे का लाल बैंड  
था।

दूसरी बड़ी में विजय इलेक्ट्रॉनिक्स  
की हड्डा, बेंगल, काका, दीप  
के छोटी रिप्ले, कलका,  
अनन्दादी बेंगल, मालावती  
इसकी के पीछे लाल था। इस  
दीप के रिप्ले का लाल के नि  
विजय को बेंगल, ५ अगली  
कोलकाता लम्बे बैंड, १० दूसरी  
अनन्दादी बेंगल को बेंगल थी।

## समाचार जगत

## प्रादेशिक जगत

2020年12月30日

## कोरोना संक्रमण पर अंतरराष्ट्रीय वेबिनार आयोजित

**फतेहपुर शेखावाटी, समाचार जगत ब्यूरो।**  
राजकीय कृषि महाविद्यालय में कृषि के नवाचारों के माध्यम से कॉविड 19 के खिलाफ प्रतिरोधक क्षमता मजबूत करने पर बुधवार को अंतरराष्ट्रीय वेबिनार हुआ। कृषि महाविद्यालय के अधिष्ठाता प्रो. ए.आर.के पट्टन ने बताया कि 4104 प्रतिभागियों ने अपना पंजीकरण करवाया। इस वेबिनार कोरोना वायरस के खिलाफ प्रतिरोधक क्षमता को मजबूत करना था जिसमें देश विदेश 5 ख्याति प्राप्त विषय विशेषज्ञ ने अपने विचार प्रस्तुत किए। कार्यक्रम का शुभारंभ कर्ण नरेंद्र कृषि विश्वविद्यालय जौबनेर के कुलपति प्रोफेसर जे. एस. संजु ने किया तथा अधिष्ठाता कृषि महाविद्यालय फतेहपुर को इस आयोजन के लिए धन्यवाद ज्ञापित किया। अधिष्ठाता कृषि महाविद्यालय फतेहपुर प्रोफेसर डॉ. ए. आर. के



पठान ने सर्वप्रथम विषय विशेषज्ञों का स्वागत उद्बोधन किया तथा साथ ही साथ देश विदेश से आए सभी प्रतिभागियों को स्वागत किया। कार्यक्रम की शुरुआत में विषय विशेषज्ञ के

रूप में आए हुए प्रोफेसर एसपी दत्ता प्रधान वैज्ञानिक, भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली ने बताया कि कैसे हम मृदा स्वास्थ्य को बनाए रखते हुए मानव शरीर के अंदर सभी

पोषक तत्वों की कमी को पूरा कर सकते हैं। इसके पर्याप्त साठवर्न फेडरल यूनिवर्सिटी यूनिवर्सिटी, रूस के वैज्ञानिक डॉ. विष्णु राजगुप्त ने बताया कि कैसे नैनो कण पौधों में कैसे पोषक तत्व बढ़ा सकते हैं। साथ ही साथ कोरोना की रोकथाम में कैसे योगदान कर सकते हैं, किसी भी संक्रमण से दूर रह सकता है। साथ ही साथ उन्होंने यह भी बताया कि मसालों एवं दूध-दही इत्यादि का सेवन करने से शरीर के अंदर रोग प्रतिरोधक क्षमता को कैसे बढ़ाया जा सकता है। इस दौरान डॉ. संजय कुमार अतर, डॉ. एमए खान, डॉ. मुजाहिद खान, डॉ. हनुमान सिंह जाटव, डॉ. कैलाश चंद्र एवं डॉ. सुभीता कुमावत आदि का बहुत महत्वपूर्ण योगदान रहा कार्यक्रम के अंत में सह संयोजक प्रोफेसर एस. के. खंडेलवाल ने धन्यवाद ज्ञापन किया।



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