



KERALA AGRICULTURAL UNIVERSITY

Admission to B.Tech. (Biotechnology), B.Sc. (Hons.) Climate Change & Environmental Science and B.Sc. (Hons.) Co-operation & Banking programmes

PROSPECTUS 2020

- 1. B.Tech. (Biotechnology), College of Agriculture, Vellayani, Thiruvananthapuram - 695 522.**
- 2. B.Sc. (Hons.) Climate Change & Environmental Science, Academy of Climate Change Education and Research, Vellanikkara, KAU P.O., Thrissur - 680 656.**
- 3. B.Sc. (Hons.) Co-operation and Banking at College of Co-operation, Banking and Management, Vellanikkara, KAU P O, Thrissur – 680 656 .**

A. Introduction

(1) B.Tech. (Biotechnology) (40 Seats)

Biotechnology has enormous potential to provide solutions to several challenges in the food, health care, energy and related sectors. Biotechnology, in agriculture, is a powerful tool for meeting food and nutritional security and for meeting the challenge of escalating biotic and abiotic stresses. To meet the increasing demand for biotechnologists in research institutes and industry, qualified human resource is mandatory.

The B.Tech (Biotechnology) course started by Kerala Agricultural University at the College of Agriculture, Vellayani, is a professional course designed adhering to the syllabus approved by the ICAR to cover the comprehensive theoretical and practical knowledge to equip graduates with the necessary proficiency to become the next generation scientists to lead innovations in academia, industry and health care. The fourth year of the course is exclusively dedicated to hands-on experience and practical training in different areas of biotechnology. The student ready program module envisages skill and entrepreneurship development.

Biotechnology has immense applications in agricultural sector like agro-processing, postharvest and value addition technologies and secondary agriculture. B. Tech (Biotechnology) graduates can make their careers in the agricultural, animal, microbiology or bioinformatics sectors. They can also opt for professional jobs in teaching and research in the government as well as the private sectors.

(2) B.Sc. (Hons.) Climate Change & Environmental Science (30 Seats)

Climate Change and Environmental Science are fast emerging new sciences around the world. These are interdisciplinary/multidisciplinary sciences that require multiple skills to succeed. Climate change has its impacts on all sectors of life ranging from agriculture, food security, water resources, human health, forests, environment and biodiversity. Altered precipitation patterns, greater uncertainty in rainfall along with increased temperature are a consequence of the changes in climate, which has affected the planetary systems gravely. It is projected that extreme precipitation events over most of the mid-latitude land masses and over wet tropical regions will very likely to become more intense and more frequent by the end of this century, as global mean surface temperature increases. Globally, it is likely that the area encompassed by monsoon systems will increase over the 21st century. Monsoon retreat dates will likely be delayed, resulting in lengthening of the monsoon season in many regions. All these also have social and economic dimensions too as it could affect millions of people across the globe.

Realising the significance of the above-mentioned factors to combat climate change and taking into account the recent emphasis on environmental adversities and associated challenges the Kerala Agricultural University (KAU) has been the pioneer in the country, to start a unique undergraduate programme, viz., “B.Sc. (Hons.) Climate Change and Environmental Science”.

The mandate of the course is to train human resource in the fields of Climate Change and Environmental Science at the undergraduate level. The trained manpower thus created would be an asset to the state and nation who could be working towards combating, mitigating and adapting to the adversities caused by climate change and other environmental issues being faced by mankind. The programme would also focus on the research aspects in climate change and environment science. Extension and awareness creation among the general public and school children would be another mandate of this unique programme. Thus, this unique course is designed to mould young talented students to become scientists/researchers/teachers/extension workers in the field of Climate Change and Environmental Science.

(3) B.Sc. (Hons.) Co-operation & Banking (40 Seats)

The College of Co-operation, Banking and Management, Vellanikkara, Thrissur was established in the year 1981 as a constituent college of the University. The B.Sc.(Co-operation & Banking) programme is unique in the sense that it is a pioneering attempt to meet the needs of managerial manpower for co-operatives, banking and rural development organizations involved in income generating activities of the weaker sections of the society. The objective of the programme is to provide trained manpower for professionalization of the management of the departments and institutions which are engines of agricultural development like co-operatives, banks, financial institutions, agri-business enterprises and rural development organizations in order to assist the farming community to make farming and agricultural enterprises competitive. The programme is designed with unique features to match the demands of employers in a dynamic environment.

B. Eligibility

B.Tech. Biotechnology

Students having passed Plus Two/ Higher Secondary/ recognised equivalent examination with Physics, Chemistry and Biology with a minimum of 50% marks except for SC/ST communities.

B.Sc. (Hons.) Climate Change & Environmental Science

Students having passed Plus Two/ Higher Secondary/ recognised equivalent examination with Physics, Chemistry and Biology with a minimum of 50% marks except for SC/ST communities. The candidates should have studied Mathematics as a subject in the +2 level.

B.Sc. (Hons.) Co-operation & Banking

Students having passed Plus Two/ Higher Secondary/ recognised equivalent examination with Physics, Chemistry and Biology with a minimum of 50% marks except for SC/ST communities.

The SC/ST candidates need only a pass in the qualifying examination.

C. Duration of the programmes

The minimum prescribed duration shall be 8 semesters (four academic years) for B.Tech. Biotechnology, B.Sc. (Hons.) Climate Change & Environmental Science and B.Sc. (Hons.) Co-operation & Banking Programmes .

D. Selection

The selection of candidates will be based on an Entrance Examination conducted by KAU. The questions will be objective type and based on the Higher Secondary syllabus (Chemistry, Physics and Biology). The date and centres of entrance examination will be decided by the University in accordance with the number of applicants.

Exact date and time will be informed through the hall ticket

Allotment to the course will be based on the rank list published by the University.

Community reservation as per Kerala Government rules will be followed. Candidates claiming community reservation shall produce the documents like community/non-creamy layer certificates from the designated revenue officials at the time of submission of application form.

Two seat each for B.Tech. Biotechnology & BSc (Hons.) Co-operation & Banking Programme and one seat for B.Sc. (Hons.) Climate Change & Environmental Science programmes are reserved for Differently Abled Candidates from General Merit subject to availability of candidates. One seat each for Children of Permanent Labourers of KAU and candidates recommended by Sports Council are reserved for the BSc (Hons.) Co-operation & Banking programme.

E. Application fee:

General Category : Rs. 1000/-

Scheduled Caste/Scheduled Tribe
(Native of Kerala only) : Rs. 500/-

Application fee can be paid online by using the internet facility “SB COLLECT” of State Bank of India for which a link is provided in the application portal and after payment of application fee candidate will be able to take print out of **online payment receipt** from website. Candidates can also remit the application fee directly at any of the branches of State Bank of India by showing the chalan generated through “SB COLLECT” and the bank will issue an **Online Receipt** on payment of the same. Any other mode of payment will not be accepted. The Application fee/additional fee once remitted will not be refunded under any circumstances.

NB: The candidates are required to enter details of the fee paid in the prescribed column of the online application form. Application forms without online payment attached will be summarily rejected. Candidates must ensure the payment before attaching the online receipt of payment.

F. Fee for the Courses:

| Item | BSc.(Hons.) CC&ES and C&B | BTech (Biotechnology) |
|---|--------------------------------------|--------------------------|
| | 1. Admission fee (One time payment)* | 800 |
| 2. College caution deposit (Refundable)* | 1600 | 1600 |
| 3. Tuition fee | 7500 | 15000 |
| 4. Semester Examination fee | 640 | 640 |
| 5. Special Fee ** | 1680 | 1680 |
| Total | 12,220 | 19,720 |

(The SC/ST students are exempted from remitting the tuition fee and special fee)

G. General Conditions:

1. The candidates should have completed the age of 17 years as on the last date fixed for the submission of online application.
2. Online application form and prospectus for admission to the Courses are available in the website www.admissions.kau.in. Candidate should submit the application through online after registering in the website.

3. APPLICATION ENCLOSURES

- a) Hard copy (print out) of application taken from the KAU application portal
- b) Online payment receipt for the application fee as prescribed.
- c) Self attested copies of SSLC, +2,
- d) Community/Non-Creamy Layer/EWS certificates (for reservation candidates)

The print out of online application along with above enclosures should reach the Registrar, Kerala Agricultural University, KAU Main Campus, KAU P.O., Thrissur – 680 656 on or before the last date prescribed in the notification by post. Applications received late or found defective or incomplete in any manner or which do not contain any of the enclosures specified are liable to be summarily rejected. Hence take utmost care while filling the online application form.

Note:- Documents sent along with the application are not returnable.

4. The candidates applying under sports quota should submit a hard copy of application to the Sports Council and selection to the seat will be in accordance with the recommendation of Sports Council.

5. The communal reservation should be allowed only to the candidates of Kerala natives. Fee concessions are applicable to the SC/ST students belonging to the state of Kerala only.

6. The candidates should have passed the qualifying examinations before the last date fixed for the receipt of application in the University.

7. The candidate should produce all the original documents required by the University **at the time of admission** for verification purpose, failing which, their candidature for admission will be forfeited.

ORIGINAL DOCUMENTS TO BE PRODUCED AT THE TIME OF ADMISSION

- a) Certificate in proof of qualifications (Plus Two or equivalent certificate with mark list)
- b) Certificate in proof of Date of Birth
- c) Nativity Certificate
- d) Community and Non-Creamy Layer Certificate (NCLC) in case of reservation candidates other than SC/ST
- e) Community Certificate (for SC/ST candidates only)
- f) Medical Certificate issued by the competent authority in the case of Physically Challenged candidates
- g) Aadhar Card

Note :- Further details will be provided in the **announcement** for admission.

Candidates should also remit the fees on the date of admission itself. Fee once paid will not be refunded under any circumstances. The claims regarding excess remittance, wrong remittance etc. will not be entertained at any circumstances for refund of the amount.

8. Liquidated damages will be levied from students who discontinue the courses after closure of admission at the rate of Rs.75,000/- (Rupees Seventy five thousand only) for B.Tech._Biotechnology, B.Sc. (Hons.) Climate Change & Environmental Science & B.Sc. (Hons.) Cooperation & Banking programme.

9. The Registrar, Kerala Agricultural University or the Officer entrusted by him with the work of admission on his behalf is entitled to refuse admission to candidates if they are not satisfied with the correctness or genuineness of any certificates filed by them along with the application. The decision of the Hon'ble Vice-Chancellor on this matter will be final.

10. The Registrar, Kerala Agricultural University is competent to close the admission at any date after the commencement of 1st semester of course.

11. The student should report in the concerned college/institution on the date mentioned in their Bio-data cum Admit Card. **Failure to report at the college/institution on the date without prior permission will result in cancellation of admission of the candidate without further notice.** A special caution deposit of Rs.3,000/- is to be paid at the time of admission in the case of candidates from outside the State of Kerala which will be refunded when he/she leaves the University.

12. Penalty for furnishing false information: On verification of documents at various stages of admission process, any candidate who is found to have willfully or otherwise given any particulars which are false or has suppressed material information or does not satisfy the requisite qualification for admission shall be disqualified. They shall not be allowed to continue on the rolls of the University, if it is detected at any stage of his/her studentship in the University. In case the candidate has already passed out of the University then the degree awarded by the University shall be withdrawn.

13. High Court of Kerala will be the judicial body to decide on all disputes arising, if any, in the matter of admission.

14. The prospectus is subject to further modification/addition as may be considered necessary by the University and will be issued as executive orders/notifications. And such modifications will be applicable to all students admitted during this year.

Note

- Any decision taken by the University on admission, commencement of classes, number of seats, fee structure, hostel norms and related matters from time to time shall be final. All announcements, regarding eligible list of candidates, declaration of result, Rank List, Counseling Schedule, General Notices, etc., will be available on KAU websites, www.admissions.kau.in and www.kau.in. Candidates are advised in their own interest to remain in touch with these websites.
- Complaints, if any, regarding the eligible list/rank list of candidates published by KAU at various stages of admission, the candidate should report the matter to KAU within the stipulated time specified in the website / in the published lists concerned. Further claims won't be entertained under any circumstances.
- Concession in application fee and other semester fees, relaxation in educational qualification and communal reservation are only applicable to the SC/ST candidates belonging to the State of Kerala . Similarly, for OBC candidates the communal reservation is restricted to Kerala natives only. SC/ST and OBC candidates with nativity other than Kerala will be treated as General Candidates.
- Ragging is a criminal offence. If any incident of ragging comes to the notice of the authority, the concerned student shall be punished as per Kerala Prohibition of Ragging Act.

ENQUIRIES:

For further information and/or enquiries, please contact -:

1. **Director of Education**, Kerala Agricultural University, Vellanikkara, KAU P.O, Thrissur, Kerala - 680656. Phone: 0487-2438131. Email.ID. admissions@kau.in

2. Please log on to: www.admissions.kau.in and www.kau.in for updates.

I. Tentative Time Schedule:

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|---|--------------------------------|
| Issue of Admission Notification | 28.12.2020 |
| Commencement of Online Application Submission | 28.12.2020 |
| Last date of submission of online application | 12.01.2021 |
| Last date of receipt of Hard Copy of Application | 18.01.2021 |
| Date of Entrance Examination | Will be announced later |
| Date of Publication of Rank List | |
| Date of Admission | |
| Date of Registration | |
| Date of classes begin | |

* The time schedule may change in accordance with the decision of the University and the same will be updated in the University websites.

Sd/-
REGISTRAR