

Information Bulletin

WITH APPLICATION FORM FOR
BACHELOR DEGREE PROGRAMMES

ICAR's

19th ALL INDIA ENTRANCE EXAMINATION FOR
ADMISSION (AIEEA-UG-2014) TO 15% SEATS IN
BACHELOR DEGREE PROGRAMMES AND AWARD OF
NATIONAL TALENT SCHOLARSHIPS IN AGRICULTURE &
ALLIED SCIENCE SUBJECTS (OTHER THAN VETERINARY
SCIENCE) IN AGRICULTURAL UNIVERSITIES AND 100%
SEATS IN DAIRY TECHNOLOGY AT NDRI KARNAL

FOR ACADEMIC SESSION

2014-15

(AIEEA-UG-2014)



Examination Cell
Education Division
Indian Council of Agricultural Research
Krishi Anusandhan Bhavan II, Pusa, New Delhi-110 012
www.icar.org.in

COST OF INFORMATION BULLETIN WITH APPLICATION FORM
AT SALE COUNTER : ₹ 500/- + SERVICE CHARGES: ₹ 25/-

Booklet No.:

**INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(EDUCATION DIVISION)
KRISHI ANUSANDHAN BHAVAN-II PUSA, NEW DELHI 110 012**

The Deputy Director General (Education)
Indian Council of Agricultural Research
Krishi Anusandhan Bhavan-II
Pusa, New Delhi -110 012

Assistant Director General (HRD)/
Controller of Examinations (Edn, COE)
Examination Cell, Education Division,
Indian Council of Agricultural Research,
Krishi Anusandhan Bhavan-II
Pusa, New Delhi -110 012
Help Desk Phone No: 011-25843392
Fax No.: 011-25843329

ALL CORRESPONDENCE REGARDING ADMISSION SHOULD BE ADDRESSED TO THE ASSISTANT DIRECTOR GENERAL (HRD)/CONTROLLER OF EXAMINATIONS (EDN), EDUCATION DIVISION, ICAR, KRISHI ANUSANDHAN BHAVAN-II, PUSA, NEW DELHI - 110 012.

(This Information Bulletin should not be treated as a legal document)

SALE OF INFORMATION BULLETIN

- (a) **Online Application:** Candidate can also apply online. For details please refer Item No. 8.1 (B) in the Information Bulletin. Application fee of ₹ 500/- for General, OBC & UPS Categories and ₹ 250/- for SC, ST and PC Categories with additional ₹ 25 per application as Bank charges plus service tax, as applicable will be chargeable.

: 20.12.2013 to 07.02.2014

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: 20.12.2013 to 07.02.2014

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: 20.12.2013 to 07.02.2014

Demand Draft, from any Scheduled bank wherever applicable, should be drawn in favour of **"ICAR Unit – Education Division, ICAR, New Delhi"** payable at **New Delhi**.

IMPORTANT DATES

- | | |
|--|--|
| (i) Last date for receipt of application | : 07 February 2014 |
| (ii) Last date for receipt of applications from certain remote areas namely, Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Jammu & Kashmir, Lahaul & Spiti district and Pangi Sub-division of Chamba district of Himachal Pradesh, Andaman & Nicobar Islands and Lakshadweep | : 14 February 2014 |
| (iii) Admit Card or Roll No. query, if any.
(Please note that no separate Admit Card shall be issued) | : Last Week of March 2014 |
| (iv) Date and Time of Examination | : Saturday, April 12, 2014
(10.00 AM to 12.30 PM) |
| (v) Declaration of Result (on ICAR website) | : After 3rd Week of May 2014 |
| (vi) Schedule for Counseling / Personal Appearance | : 14.06.2014 - 24.06.2014 |

All announcements, including admit card information, declaration of result, calling for counseling, general notices, etc. will be available on Internet at the ICAR website www.icar.org.in. Candidates are advised in their own interest to remain in touch with the website or contact on telephone or the Nodal Officer of the City of Examination for Centre and Roll No. only.

NOTE: Office of COE may be contacted on any working day on telephone 011-25843392 between 10.00 A.M. to 5.00 P.M.

कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली-110012

सहायक महानिदेशक (मानव संसाधन विकास)/
परीक्षा नियंत्रक (शिक्षा, सी.ओ.ई.)
परीक्षा कोष्ठ, शिक्षा प्रभाग
भारतीय कृषि अनुसंधान परिषद
कृषि अनुसंधान भवन - II
पूसा, नई दिल्ली - 110012
हेल्पडेस्क दूरभाष संख्या : 011-25843392
फैक्स संख्या : 011-25843329

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(क) ऑनलाइन आवेदन : प्रत्याशी ऑनलाइन आवेदन भी कर सकता है। संबंधित विवरण के लिए कृपया सूचना बुलेटिन की मद सं. 8.1 (बी) देखें। सामान्य श्रेणी, अन्य पिछड़ा वर्ग और यूपी.एस. श्रेणियों के लिए 500/- रु.; अनुसूचित जाति, अनुसूचित जनजाति और शारीरिक रूप से विकलांग श्रेणियों के लिए 250/- रु. आवेदन शुल्क के अतिरिक्त प्रति आवेदन बैंक प्रभार व सेवा कर आदि के रूप में 25/-रु. अतिरिक्त लिए जाएंगे।

%20-12-2013 1 s 07-02-2014

(ख) नकद भुगतान पर : सामान्य श्रेणी, अन्य पिछड़ा वर्ग और यूपी.एस. श्रेणियों के लिए 500/- रु.; अनुसूचित जाति, अनुसूचित जनजाति और शारीरिक रूप से विकलांग श्रेणियों के लिए 250/- रु. आवेदन शुल्क के साथ-साथ साज संभाल प्रभार तथा सेवा कर सहित प्रति सूचना बुलेटिन 25/- रु. के अतिरिक्त प्रभार की नकद अदायगी करते हुए ये फार्म कृषि विश्वविद्यालयों तथा सिंडिकेट बैंक की निर्धारित शाखाओं (39) से प्राप्त किए जा सकते हैं।

%20-12-2013 1 s 07-02-2014

(ग) सामान्य श्रेणी, अन्य पिछड़ा वर्ग और यूपी.एस. श्रेणियों के लिए 500/- रु.; अनुसूचित जाति, अनुसूचित जनजाति और शारीरिक रूप से विकलांग श्रेणियों के लिए 250/- रु. की राशियों का बैंक ड्राफ्ट देकर ये बुलेटिन भा.कृ.अ.प. परीक्षा विभाग, शिक्षा विभाग के बिक्री काउंटर पर; कमरा नं. 216, कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली; एन.डी.आर.आई., करनाल; 'नार्म', हैदराबाद; सी.ए.आर.आई. पोर्ट ब्लेयर; सी.आई.एफ.ई., मुंबई; आई.वी.आर.आई., इज्जतनगर; भा.कृ.अ.प. उत्तर पूर्वी क्षेत्र के लिए अनुसंधान परिसर, उमियम, मेघालय; तथा गोवा के लिए भा.कृ.अ.प., एला; पुराना गोवा से व्यक्तिगत रूप से प्राप्त किए जा सकते हैं।

%20-12-2013 1 s07-02-2014

%20-12-2013 1 s07-02-2014

अनुसूचित बैंक का डिमांड ड्राफ्ट नई दिल्ली में अदायगी योग्य तथा “भारतीय कृषि अनुसंधान परिषद इकाई—शिक्षा प्रभाग, भा.कृ.अ.प., नई दिल्ली” के पक्ष में देय होने चाहिए।

1.	आवेदन प्राप्त करने की अंतिम तिथि	:	07 फरवरी 2014
2.	सुदूर क्षेत्रों, नामतः अंडमान और निकोबार द्वीप समूह, अरुणाचल प्रदेश, असम, जम्मू और कश्मीर, हिमाचल प्रदेश के लाहौल और स्पीति जिले तथा चंबा जिले के पांगी उपप्रभाग, लक्षद्वीप, मणिपुर, मेघालय, मिजोरम, नागालैंड, सिक्किम और त्रिपुरा से आवेदनों के प्राप्त होने की अंतिम तिथि	:	14 फरवरी 2014
3.	प्रवेश पत्र या अनुक्रमांक संबंधी कोई पूछताछ; यदि कोई हो (कृपया नोट करें कि प्रवेश पत्र अलग से जारी नहीं किया जाएगा)	:	मार्च 2014 के अंतिम सप्ताह से
4.	परीक्षा की तिथि व समय	:	शनिवार, 12 अप्रैल 2014 (10.00 पूर्वाह्न से 12.30 अपराह्न)
5.	परिणाम की घोषणा (भा.कृ.अ.प. की वेबसाइट पर)	:	मई 2014 के तीसरे सप्ताह बाद
6.	काउंसिलिंग / व्यक्तिगत उपस्थिति की अनुसूची	:	14.6.2014 — 24.6.2014

सभी घोषणाएं जिनमें अनुक्रमांक, प्रवेश प्रबंध संबंधी सूचना, परीक्षा की घोषणा, काउंसिलिंग के लिए बुलावा, सामान्य सूचनाएं आदि भा.कृ.अ.प. की वेबसाइट www.icar.org.in पर इंटरनेट पर उपलब्ध होंगी। प्रत्याशियों को परामर्श दिया जाता है कि वे अपने हित के लिए वेबसाइट के संपर्क में रहें या टेलीफोन से संपर्क करें या केंद्र के स्थान व रोल नंबर के लिए परीक्षा के शहर के नोडल अधिकारी से संपर्क करें।

fvli.1h: किसी भी जानकारी के लिए किसी भी कार्यदिवस पर पूर्वाह्न 10.00 से अपराह्न 5.00 तक टेलीफोन संख्या 011-25843392 पर परीक्षा नियंत्रक के कार्यालय से संपर्क किया जा सकता है।

INFORMATION BULLETIN

WITH APPLICATION FORM

For

Bachelor Degree Programmes

ICAR's

**19th ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION (AIEEA-UG-2014)
TO 15% SEATS IN BACHELOR DEGREE PROGRAMMES AND AWARD OF
NATIONAL TALENT SCHOLARSHIPS IN AGRICULTURE & ALLIED SCIENCE
SUBJECTS (OTHER THAN VETERINARY SCIENCE) IN AGRICULTURAL
UNIVERSITIES AND 100% SEATS IN DAIRY TECHNOLOGY AT NDRI KARNAL
FOR ACADEMIC SESSION 2014–15**

(AIEEA-UG-2014)



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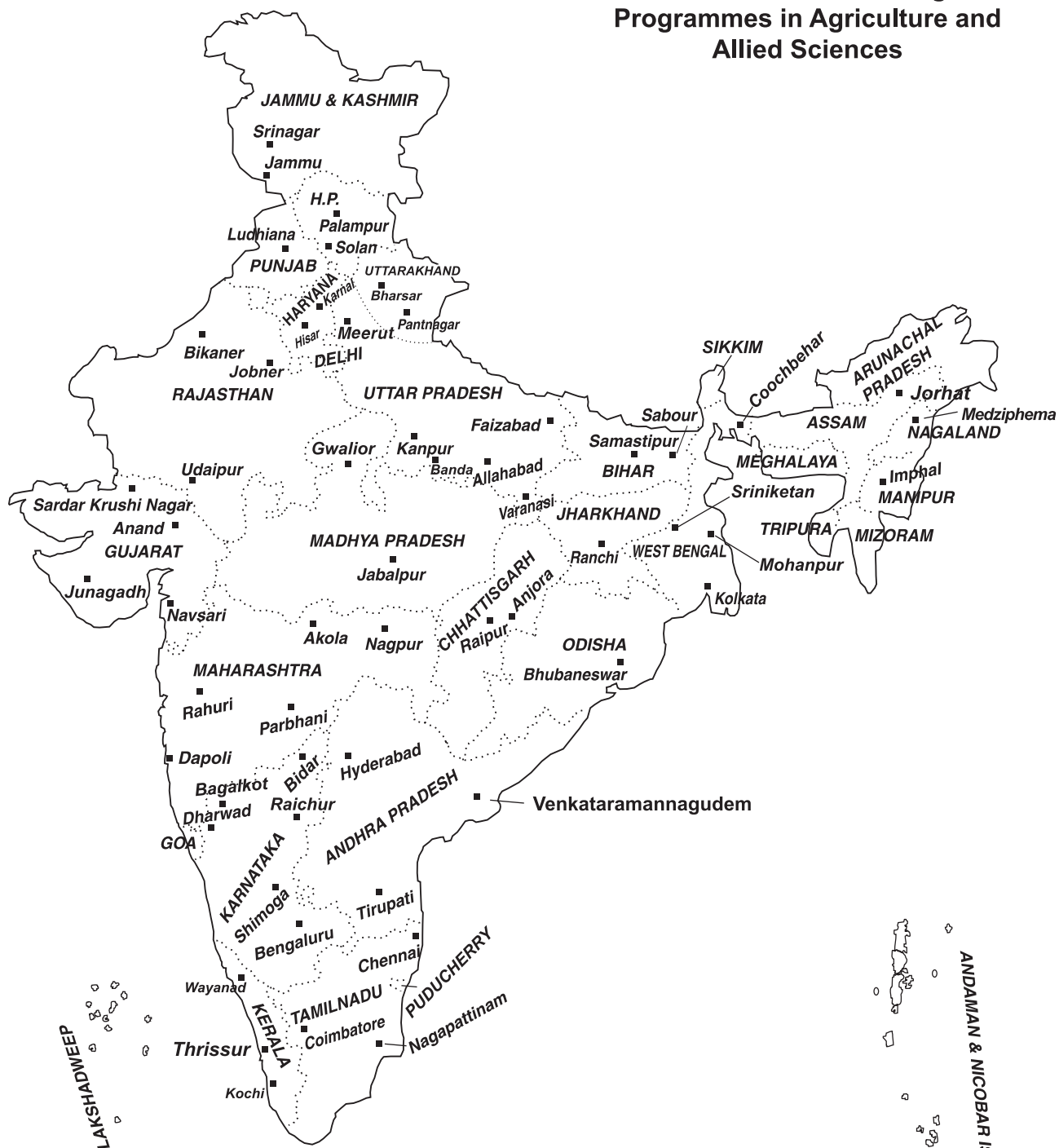
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OTHER ENCLOSURES WITH THIS BULLETIN

- (i) Application Form with Admit Card (Office copy and Candidate copy)
- (ii) Acknowledgement Card with Blank Envelope

INDIA

Location of Universities
for admission in U.G. Degree
Programmes in Agriculture and
Allied Sciences



(Map not to scale)

Scope of Agricultural Education

Agriculture has been the mainstay of Indian economy since ages. The science and art of agriculture has many references in the Vedic literature and the ancient history of the mankind. The agriculture sector in India provides livelihood to about 52% of the population of the country and contributes about 15% to the Gross Domestic Product. Trained human resource has been the key factor behind the Green Revolution, White Revolution, Yellow Revolution, that has led India to become self reliant in food and becoming a fast developing economy. Knowledge based, input-use efficient, eco-friendly, and high tech precision agriculture has been the next stage for which efforts have been directed by Indian Council of Agricultural Research (ICAR) and Agricultural Universities (AUs) in planning, designing and executing the national agricultural educational programmes. Considering the importance of Agricultural Education, University Education Commission under the Chairmanship of Dr. S. Radhakrishnan, recommended the establishment of independent Rural Universities in the country in the year 1948. As a result of this recommendation, first State Agricultural University (SAU) was established in 1960 at Pantnagar (Nainital) on the pattern of the Land Grant Colleges of the United States. The University Grants Commission accorded the status of Deemed-to-be-University (DU) to Indian Agricultural Research Institute, New Delhi in 1958 which became the first ICAR Institute as Deemed University conducting postgraduate teaching and research. Today, the country has a large ICAR-AU system with a total of 66 Agricultural Universities (AUs) comprising of 56 State Agricultural, Veterinary, Horticulture, and Fisheries Universities, 1 Central Agricultural University, Imphal, 4 ICAR-DUs (IARI, IVRI, NDRI and CIFE), 4 Central Universities having agricultural faculty (BHU, AMU, Viswa Bharati and Nagaland University) and 1 Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS), Allahabad (formerly Allahabad Agricultural Institute) awarding various kinds of degrees in different disciplines of agricultural, veterinary and allied sciences. Agricultural education is also imparted in some traditional universities of the country. Agricultural education system is producing invaluable human resource and every year about 15,000 graduates, 11,000 Masters and 2,500 Ph.D.s are admitted. The Under Graduate degree in 11 subjects of agriculture and allied sciences and Master's degree in about 93 subjects, awarded by the Universities associated with the ICAR are well recognized and accepted for higher education globally. Some of the graduates also start their own business units including the Agri. Clinics and Agro Service Centres. Following are some of the sectors providing placement to the agricultural graduates:-

- (i) Development Departments of Central and State Governments
- (ii) Commercial Banks and Insurance Sector
- (iii) Area development/ watershed development agencies including NGOs
- (iv) Industry dealing with fertilizers and plant nutrients
- (v) Plant protection chemicals, insecticides and pesticides manufacturing and marketing companies
- (vi) Organizations dealing in seeds and planting materials
- (vii) Industries dealing with Ag. Machinery, Sericulture, Horticulture, Fisheries, Dairy, etc.
- (viii) Manufacturers and suppliers of irrigation systems
- (ix) Agricultural products processing industry
- (x) Multi-nationals dealing with production, field evaluation, and marketing of agricultural inputs including export marketing and consultancy services.

The growth achieved in agricultural sector has been attributed to the concerted efforts of skilled human resource developed through AES. After independence, from the state of deficiency, country has reached to the stage of self-sufficiency in food grain production. It has enabled the country to increase production of food grains by 4-fold, horticultural crops by 6-fold, fish by 9-fold (marine 5-fold and inland 17-fold), milk by 6-fold, and eggs by 27-fold since 1950-51; thus making a visible impact on the national food and nutritional security.

The interest of girl candidates towards agricultural education is rising and during 2013 about 40% female candidates

were admitted through AIEEA-UG. Presently, efforts are being directed by the ICAR and Agricultural Universities to impart necessary skills and confidence among agricultural graduates to start and operate their own business units through first-hand experience of running Model Farms and Pilot-Plants during the course of study. Experiential learning, Rural Agricultural Work Experience are some special features of agricultural education in the country. ICAR provides annual grants to AUs for infrastructural development, scholarships/fellowship schemes and monitoring system through Accreditation norms for quality assurance. Besides, the teaching quality is also stressed through continuous national and international training programmes for the faculty. In summary, Agricultural Education could be termed as one of the most relevant education in the country for growth and sustainable development. The ICAR and associated Agricultural Universities would like to congratulate you for choosing the area of agricultural sciences for your education and career and wish all the success in your life.

Sources for Availability of Information Bulletin with Application Form

- A.** The Forms can be obtained by cash payment from Registrars of Agricultural Universities or from the specified branches of Syndicate Bank and also from eight ICAR Institutions by payment through Bank Draft from 20 December 2013 to 07 February 2014.

B. FROM SYNDICATE BANK BRANCHES: (On Payment by Cash through challan)

AIEEA-UG-2014

Andhra Pradesh: (1) D.No. 40-3-2, M.G. Road, Labbipet, Vijayawada. (2) 5-9-246/1, Opp. Grammar School, Abid Road, Hyderabad. **Assam:** (3) 135, Motilal Nehru Road, Pan Bazar, Distt. Kamrup, Guwahati. **Bihar:** (4) 23, Choti Kalyani Road, Near Kalyani Post office, Muzaffarpur, (5) Capital Tower, Block-B, Fraser Road, Patna, **Chandigarh:** (6) Shop No. 236 Ekta Market, Sector – 45 B, Burail, Chandigarh-160047, **Chhattisgarh:** (7) Maurya Picture Complex, G.E. Road, Bhilai. (8) 113, Smt. Surjadevi Shukla Camp, Near Deshbandhu School, Station Road, Raipur. **Gujarat:** (9) Samrudhi, G.H.–4, Sector–16, Gandhinagar. **J&K:** (10) Sant Palace, Purani Mandi, Jammu. (11) No. I, Exchange Road, Srinagar. **Jharkhand:** (12) C-1, City Centre, Sector 4, Bokaro Steel City. **Karnataka:** (13) Karnataka University Campus, Pavate Nagar, Dharwad, (14) 66, 9th Main Road, 3rd Block, Jaynagar, Bengaluru. **Kerala:** (15) I-Floor, M.S. City Centre, Bank Road, Kasaragod. **Madhya Pradesh:** (16) 102/103, Kalachand Mansion, Berasia Road, Bhopal. (17) Moti Market, Jayendraganj, Lashkar, Gwalior. (18) 31-1, Nanda Nagar, Main Road, Indore. **Maharashtra:** (19) Prakash Apartments, Plot No. CIS-2410, SVP Road, Borivali West, Mumbai. **Odisha:** (20) Ward No. 14, Nandi Sahi, P.O.– Choudhary Bazar, Cuttack. **Puducherry:** (21) Kannan Building, Maidan Road, Mahe. **Punjab:** (22) Near Hotel Sky Lark, Model Town Road, Jalandhar City. **Rajasthan:** (23) Jaipur Towers, MI Road, Jaipur, (24) 68, Old Dhan Mandi, Sarovar Cinema Road, Kota. **Tamil Nadu:** (25) Door No. 24, 1st Floor, Sardar Patel Road, Adyar, Chennai. **Uttarakhand:** (26) 45, Rajpur Road, Dehradun, (27) Shakti Motors Complex, Kaladhungi Road, Mukahani, Haldwani. **Uttar Pradesh:** (28) Garib Manjil, Abad Nagar, Dodhpur Civil Lines, Aligarh, (29) 167-A, Civil Lines, Bareilly, (30) B-16-17, Sector–18, Noida, Gautam Budh Nagar, (31) 177/035 Zamir Mansion, Dr. B.N. Road, Opp. Gulmarg Hotel, Aminabad, Lucknow, (32) Chandrasekhar Azad market, 1st Floor, Sardar Patel Marg, Civil Lines, Allahabad, (33) B-I-B, Officers Colony, Sarvodaya Nagar, Kanpur. **West Bengal:** (34) 1, Parcus Road, G.T. Road Cross, 1 WG, Burdwan, (35) 42, G.T. Road (South), Howrah.

In Delhi : (1) 1st Floor, Arunachal Building, 19, Barakhamba Road, New Delhi (2) Delhi Tamil Sangam Building, Sector 5, R.K. Puram, New Delhi (3) Institute of Hotel Management, Amar Colony, Near Guru Nanak Market, Lajpat Nagar, New Delhi (4) Pusa Campus Main Branch, IARI, Pusa, New Delhi.

(These branches will not entertain any request for Information Bulletin to be sent by Post)

C. FROM ICAR INSTITUTIONS (By Depositing Bank Draft Only)

Information Bulletin with Application Form can be obtained, in person, by depositing an account payee bank draft of specified amount from the sale counters at the following **ICAR Institutions**:

(i) CARI, Port Blair, (ii) CIFE, Mumbai, (iii) IVRI, Izatnagar (iv) NAARM, Rajendranagar, Hyderabad, (v) NDRI, Karnal (vi) ICAR, Research Complex for NEH Region, Umiam, Meghalaya (vii) ICAR Research Complex for Goa, Ela, Old Goa and (viii) Examination Cell (Education Division), Room No. 216, ICAR, KAB-II, Pusa, New Delhi.

NOTE: Candidates can also **apply Online**.

Limited number of Information Bulletins have been printed and will be available on first -cum-first served basis. Candidates are encouraged to apply online.

ICAR'S 19TH ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION (AIEEA-UG-2014) TO 15% SEATS IN BACHELOR DEGREE PROGRAMMES AND AWARD OF NATIONAL TALENT SCHOLARSHIPS IN AGRICULTURE & ALLIED SCIENCE SUBJECTS (OTHER THAN VETERINARY SCIENCE) IN AGRICULTURAL UNIVERSITIES AND 100% SEATS IN DAIRY TECHNOLOGY AT NDRI KARNAL FOR ACADEMIC SESSION 2014-15

1.0 INTRODUCTION

Triggered primarily by professional and academic linkage with Agricultural Universities, Indian Council of Agricultural Research (ICAR), New Delhi has been able to foster a countrywide arrangement with the AUs to set aside 15% of their seats for Bachelor degree programmes to be admitted through ICAR's All India Entrance Examination so as to reduce inbreeding, increase mobility among students, encourage national integration and infuse merit and uniform examination standards leading to improved overall quality of agricultural education. Accordingly, ICAR conducts All India Entrance Examination for Admission (AIEEA) to Bachelor degree programmes in agriculture and allied subjects, other than veterinary sciences, at Agricultural Universities on 15% of the University seats every year. For NDRI, Karnal, an ICAR-Deemed-to-be-University, 100% seats are filled up through the above examination. National Talent Scholarships (NTS) are awarded based on the AIEEA-UG examination to all those candidates who take admission outside their state of domicile. Further, not more than 40% candidates from any one state are admitted in any agricultural university/subject. ICAR's 19th AIEEA-UG-2014 examination for the academic session 2014-15 will be conducted at 46 examination city centres spread all over the country, enabling participation of a large number of candidates seeking admission in Bachelor degree programmes in AUs in different disciplines. Candidates qualified for counseling will be considered for allocation of subject and the Agricultural University as per counseling procedure described hereinafter. **There is no direct nomination for admission through ICAR in any Bachelor degree programme without qualifying in this examination.**

2.0 DEGREE PROGRAMMES AVAILABLE FOR ADMISSION

Admission to 11 Bachelor degree programmes of four years duration in the subjects of: (i) Agriculture (ii) Horticulture (iii) Fisheries (iv) Forestry (v) Home Science (vi) Sericulture (vii) Biotechnology (viii) Agricultural Engineering (ix) Dairy Technology (x) Food Science and (xi) Agricultural Marketing & Cooperation etc. is available to Indian Nationals based on merit-rank in ICAR's All India Entrance Examination. For the purpose of Entrance Examination, above 11 degree programmes are categorized into two Streams viz. **Stream-A:**

Agriculture/Biology and **Stream-B: Mathematics.** The

candidate has a right to exercise option only for one Stream at the time of submitting the application. The option once exercised cannot be changed subsequently.

2.1 STREAM-A (Agriculture/Biology): Candidates under this stream can seek admission for Bachelor degree programmes in Agriculture, Horticulture, Fisheries, Forestry, Home Science, Sericulture, Food Science, and Biotechnology.

2.2 STREAM-B (Mathematics): Candidates under this stream can seek admission for Bachelor degree programmes in Agricultural Engineering, Dairy Technology, Agricultural Marketing & Co-operation and also in Forestry, Food Science and Biotechnology at some of the Agricultural Universities provided Biology has been one of the subjects during 10+2 examination.

2.3 Stream-wise Courses Available for Admission and Subjects to be Attempted in the Examination

Degree Programme For Admission	Code No.	Subjects which the candidate must have passed in 10+2 Examination	Subjects to be attempted the Entrance Examination Degree	Remark
2.3.1. STREAM – A (AGRICULTURE/BIOLOGY)				
1. Agriculture	01	PCB/PCMB/PCA/ Inter (Agri.) with PC/Inter (Agri.)*	PCB/PCA	
2. Horticulture	02	PCB/PCMB/PCA/ Inter (Agri.) PCA/ Inter (Agri.) with PC	PCB/PCA	
3. Fisheries	03	PCB/PCMB/PCA/ Inter (Agri.) with PC	PCB/PCA	
4. Forestry	04	PCB/PCMB	PCB	Medical fitness may be required by some universities
5. Home Science	05	PCB/PCMB/ PCA/ PCH/ Inter (Agri.) with PC**	PCB/PCA	
6. Sericulture	06	PCB/PCMB/ PCA/ Inter (Agri.) with PC	PCB/PCA	
7. Bio-technology	07	PCB/PCMB/ PCA/ Inter (Agri.) with PC	PCB/PCA	

2.3.2 STREAM– B (MATHEMATICS)

8.	Agricultural Engineering	08	PCM/PCMB	PCM
9.	Dairy Technology	09	PCM/PCMB	PCM
10.	Food Science	10	PCM/PCMB	PCM
11.	Agricultural Marketing & Co-operation	11	PCMB/PCM	PCM

P = PHYSICS

B = BIOLOGY

A = AGRICULTURE

C = CHEMISTRY

M = MATHEMATICS

H = HOME SCIENCE

Note: (i) A candidate from **Stream–A** can also exercise option for admission to Food Science, Agricultural Marketing & Co-operation whereas candidate from **Stream–B** can also opt for admission in Forestry or Biotechnology in few universities.

(ii) The efforts are on to have uniform criteria and eligibility for admissions in all the Agricultural Universities, however, some of the Universities may have different criteria/nomenclature of degree programmes.

3.0 ELIGIBILITY REQUIREMENTS

3.1 Age and Nationality

Indian Nationals of at least 17 years of age but not more than 23 years as on 31.08.2014 (i.e. must have been born between 01.09.1991 to 01.09.1997) are eligible to apply for the examination. No relaxation of age will be allowed to the candidates except for SC/ST/PC categories where upper age limit would be relaxable by 5 years.

3.2 Qualifying Examination

3.2.1 (i) Candidate must have passed 10+2 Senior Secondary Examination of the Central Board of Secondary Education or any other examination within scope and standard found to be equivalent to the Senior Secondary Examination of an Indian Board/ University after a period of 12 years of study. The last two years of such 10+2 examination should have papers in Physics, Chemistry and any one of the subjects from Biology/ Mathematics/ Agriculture* /Home Science**. Besides, for admission in the Universities specifically located in non-Hindi speaking areas, candidate must have passed English as a core subject in 10+2 examination.

* Intermediate with Agriculture and having not studied Physics and Chemistry as separate subjects may also be eligible for admission in some SAUs in State of Chhattisgarh, Madhya Pradesh, Rajasthan, Uttarakhand and Uttar Pradesh.

** Intermediate with Agriculture would be eligible for admission in limited AUs.

(ii) (a) Candidate must have passed any one of the qualifying examinations enumerated above securing not less than 50% marks in aggregate for General, OBC and UPS categories and 40% marks in aggregate for SC, ST and PC categories.

(b) Candidate having a compartment/ supplementary in any of the subjects will not be eligible unless proof of having cleared the examination with requisite percentage as in 3.2.1(ii)(a) above is available.

3.2.2 Candidate appearing in the qualifying examination enumerated above, can also apply but would be required to submit evidence of having satisfied the conditions in **3.2.1** (i) & (ii), latest by the counseling date, as otherwise the candidature will be automatically cancelled.

3.2.3 Candidates opting for **Stream–A** in the entrance examination should have passed 10+2 examination enumerated above necessarily with Physics, Chemistry and Biology/Agriculture/ Home Science subjects whereas those opting for **Stream–B** should have passed 10+2 examination necessarily with Physics, Chemistry and Mathematics subjects.

Note: While submitting application, candidate must ensure that he/she fulfills the eligibility criteria in entirety.

4.0 UNIVERSITY-WISE AND SUBJECT-WISE NUMBER OF SEATS AVAILABLE FOR ADMISSION

Number of ICAR seats (tentative) available for admission in Agricultural Universities through this examination in different subjects for the academic session 2014–15 are given in **ANNEXURE–II**. Exact seat position would be known only on the counseling date.

5.0 RESERVATION OF SEATS FOR SC, ST, PC, UPS and OBC

5.1 SCHEDULED CASTE/ SCHEDULED TRIBE/ PHYSICALLY CHALLENGED/ OTHER BACKWARD CLASSES

(i) There would be reservation of seats to the extent of 15% for Scheduled Caste and 7.5% for Scheduled Tribe candidates in different subjects. The reservation of seats among SC/ST categories is interchangeable, i.e., if sufficient number of candidates are not available to fill up seats reserved for ST candidates, these can be filled up from among suitable SC candidates and vice-versa in a given subject

as per merit-rank in examination. The original SC/ST certificate in prescribed form (**ANNEXURE-IV**) is required to be produced for verification. Depending on merit and choice, they can also take seat from the General Category.

- (ii) Three percent seats are also reserved, **horizontally across the categories** in different subjects, for Physically Challenged (PC) candidates suffering from low vision, hearing impairment, locomotor disability or cerebral palsy with appropriate medical certificate having at least 40% disability and found suitable by the Counseling Committee/University official. The candidate applying for admission under this category should submit a copy of the certificate about being handicapped from a Govt. Hospital/ Medical Board (duly attested by a Gazetted Officer) at the time of counseling. The criteria for assessing the degree of handicap could be variable from one subject to another. The decision of the University allotted will be final in this regard.
- (iii) Reservation for candidates belonging to OBC category will be given only at NDRI, Karnal; Nagaland University SASARD, Medziphema; BHU; CAU; Viswa Bharati (PSB) as per Government of India directives applicable at the time of counseling and Hon'ble SC order and as per seat positions communicated by the University concerned (specimen copy of Central OBC certificate can be seen at **ANNEXURE-V**).

5.2 RESERVATION FOR REMOTE AND UNDER PRIVILEGED STATES/UTs (UPS)

Two percent seats under each subjects would be reserved, **horizontally across categories** for the candidates of the remote and Under Privileged States/UTs namely (i) Andaman & Nicobar Islands, (ii) Arunachal Pradesh, (iii) Dadra and Nagar Haveli, (iv) Daman & Diu, (v) Goa, (vi) Lakshadweep, (vii) Manipur, (viii) Meghalaya, (ix) Mizoram, (x) Nagaland, (xi) Sikkim and (xii) Tripura where educational facilities in agriculture and allied science subjects either do not exist or have no SAU(s) and who qualify this examination. UPS candidates will have to produce domicile certificate issued by the competent authority at the time of counseling. There will not be any State quota within this quota.

6.0 ICAR NATIONAL TALENT SCHOLARSHIP (NTS)

National Talent Scholarship would be available through the Agricultural University concerned, to every student admitted on ICAR seat at any Agricultural University, at the rate of ₹1,000/- per month during the period of study provided the student:

- (i) Joins an Agricultural University in a State outside his/her Domicile State.
- (ii) Has not changed the University/subject allotted for any reason.
- (iii) Has not been admitted against any vacant seat through waitlist option as per his/her request
- (iv) Maintains good conduct and satisfactory academic performance (**7.00 OGPA**) throughout the period of study.
- (v) Does not fail in any course/unit during the period of study.

7.0 GENERAL SCHEME OF ENTRANCE EXAMINATION

7.1 Examination Schedule

- (i) **DATE OF EXAMINATION:**
SATURDAY, the 12 April, 2014
- (ii) **DURATION:**
2½ hours, Time 10.00 A.M. to 12:30 P.M.

7.2 Subject Streams, Question Paper and Writing Answers in the Examination

- (i) The examination shall be conducted in one of the two subject streams namely '**Stream-A**' comprising of Physics, Chemistry and Agriculture/Biology subjects and '**STREAM-B**' comprising of Physics, Chemistry and Mathematics subjects.
- (ii) Questions for Physics and Chemistry subjects shall be common for both subject streams.
- (iii) Paper for '**Stream-A**' shall carry questions on Biology as well as Agriculture subject, out of which the candidate has to attempt/opt/choose only one subject, either Biology or Agriculture. '**Stream-B**' paper carries questions on Mathematics subject.
- (iv) Question paper will have 180 multiple-choice objective type questions, each with four options, 60 questions in Physics, serially numbered from 1-60, 60 questions in Chemistry, numbering from 61-120 and 60 questions in Agriculture/Biology/Mathematics, numbering from 121-180.
- (v) **Marking Scheme:** Each correctly answered question will earn four marks, with a maximum of 720 marks for the paper. **For each incorrect answer one mark will be deducted from the total score.** Question with no response indicated will not be awarded any mark and there will be no negative marking for that question. The candidates are advised not to attempt such questions in the OMR answer sheet, for which they are not sure of the correct answer. More than one answer indicated against a question will be deemed as incorrect answer and will invite negative marking.

- (vi) Candidate will be required to choose the correct answer and mark in the OMR answer sheet by darkening the corresponding circle/ bubble against the serial number of the question with black/ blue ball-point pen.
- (vii) Question paper for the examination shall be bilingual, i.e., in **ENGLISH and HINDI**. In case of any variation in English and Hindi versions of question(s), English version will be taken as the final and correct version.
- (viii) **Syllabus for the Examination** is given at **ANNEXURE-I**.
- (ix) A visually challenged (blind) candidate, can request for the services of amanuensis (scribe) who must be one grade junior in academic qualification i.e. not more than X / Matriculation pass in the present case and should not be related to the candidate. For amanuensis, the candidate must submit a separate request letter, at least one week in advance, to the concerned Nodal Officer of the Examination City Centre giving a copy of the PD/PC certificate issued by a competent authority. The services of amanuensis (Scribe) who should be from academic discipline other than that of the candidate, shall be provided free of cost by the Nodal Officer. The scribe will have to give a suitable undertaking, confirming that the scribe fulfills all the stipulated eligibility criteria for a scribe as mentioned above. In case later on it is proved that candidate has suppressed material facts, the candidature of the applicant will stand cancelled, irrespective of the outcome of result of the written test. Such candidates who use a scribe shall be eligible for extra time of 50 minutes during examination.

7.3 Examination City Centres

- (i) A list of Examination City Centres with numeric codes and the contact addresses of Nodal Officer at those cities is given in **ANNEXURE-VI**.
- (ii) Candidate must fill the code number for the Examination City Centre from where he/she opts to appear for the Examination.
- (iii) **Examination City Centre, once opted, shall not be allowed to be changed later on. The Admit Card (candidate copy) is to be retained by the candidate and no changes will be possible. In case of any problem related to admit card please contact COE (Edn.) on telephone after last week of March 2014.**

7.4 Ensuring Eligibility Requirements are Satisfied:

Candidate should fill-up the Application Form with due care and must ensure that he/she fulfills the

eligibility requirements for the examination as well as admission as detailed therein. No certificates are required to be attached with the Application at the time of submission of Application. Eligibility of the candidate for the examination and admission later on is not checked until the date of counseling/ personal appearance of the candidate when the related documents are checked and verified. In case of admission through wait list, the documents / certificates etc. will be checked directly at the time of admission in the admitting university. In case the candidate is found not-eligible at any stage, his/her candidature would be summarily rejected.

7.5 Options for Agricultural University/ Subject for Admission:

Candidates are not required to give any option for admission in any Agricultural University/ subjects at the time of filling up of application form. The admission/allotment of seats in the Agricultural Universities will be made through personal appearance/ counseling in accordance with the choice made by the candidate in the Counseling Form, and as per the seats available at his/her merit-rank within the Stream in which he/she appeared for the Entrance Examination.

7.6 Admit Card:

The Admit Card, in duplicate, has been provided along with the Application Form. The candidate must **fill all the entries in the Admit Card** except roll number and examination venue, **retain one copy (candidate copy) and submit the other copy (office copy) along with the application**. The roll number allotted to the candidate and the venue of examination would be displayed on the ICAR website at **www.icar.org.in** as per Application Booklet Sl. No. (offline application) / Sr. No. printed on computer generated confirmation page (online applications) and Date of Birth, from where the candidate is required to note down the details and fill the same in the copy of the Admit Card (*candidate copy*) retained by him/her. This copy of Admit Card must be duly attested by Principal of the School/College last attended or a Gazetted Officer and brought to the Examination Hall for appearing in the examination. **Candidate may note that without the attestation of photo as well as signature, thumb impression of the candidate on both the copies, the admit card will be rejected.** Candidate is advised to preserve this admit card (*candidate copy*) till completion of admission process in an Agricultural University. In case of any difficulty in obtaining the roll number/ examination venue from the ICAR website, the candidate is advised to contact the Nodal Officer of the respective Examination City center, two days before the scheduled examination date (see **ANNEXURE-VI** for contact details of Nodal Officers).

7.7 Evaluation and Declaration of Result

- (i) OMR answer sheets of the candidates shall be scanned through computer/scanner and evaluated through computer by matching the OMR answer sheet responses of the candidate with the Stream-wise (Stream-A/ Stream-B), optional subject-wise (Agriculture/ Biology/ Mathematics) and Series-wise (Series-1/ Series-2) Answer Key templates prepared beforehand. Overall merit-rank list shall be prepared separately for both subject streams. In the event of candidates getting equal marks in the Entrance Examination, relative merit will be determined on the basis of marks obtained in the compulsory subjects (Physics and Chemistry) in AIEEA-UG Examination. In the event of tie again, the ratio of positive and negative marks will be decided. Candidate with higher absolute value of the ratio will be given better rank. In the event of tie again, a candidate, higher in age, would be rated higher in merit. **Category-wise final merit list for counseling shall be prepared based on the reservation category information given by the candidate in OMR Answer sheet.**
- (ii) The result of the AIEEA-UG-2014 is likely to be declared after **third week of May 2014 and will be placed on ICAR website**. The copies of the result will also be displayed at the Examination Cell of the Indian Council of Agricultural Research, Krishi Anusandhan Bhavan-II, Pusa, New Delhi-110 012.
- (iii) The result of the entrance examination would be available in terms of overall merit-rank obtained by the candidates qualified for counseling.
- (iv) All announcements related to the conduct of entrance examination including, issue of examination notification, admit card information, examination result, call letter for counseling, general notices, etc. would be posted regularly and available on the ICAR website. **The candidates are advised to be vigilant about the announcements on the ICAR website as the ICAR would not be held responsible for non-receipt of any information/ letter by post or otherwise.**
- (v) No separate intimation about the non-selection of the candidate in AIEEA-UG-2014 Examination, nor marks obtained therein, will be sent to the candidate and no correspondence (Letter/ Fax/ e-mail/ Telegram) in this regard will be entertained.

7.8 No Re-Checking/ Re-Evaluation of OMR Answer Sheets: No representation for reevaluation / rechecking shall be entertained as answer sheets of

the entrance examination are in the format of OMR sheets which are evaluated through computerized scanning / processing. However, the candidate may be allowed to inspect his / her own OMR answer sheet or given a copy thereof, if such representation / request is submitted by the candidate in his or her own hand writing and signature within 15 days from the date of declaration of result on ICAR website along with a copy of admit card, OMR application form and Demand Draft of ₹ 500/- (Rupees five hundred only) drawn in favour of "ICAR Unit - Education Division, ICAR New Delhi" payable at New Delhi.

7.9 Admission through ICAR Examination

- (i) Based on the overall merit-rank, the candidate is allowed to take admission in a specific degree programme at an Agricultural University as per his/her choice and availability of seat at that merit-rank through a process of counseling as explained **at item 9.0**. In the matter of allotment/admission of candidates to respective Agricultural Universities, the decision of the ICAR/Agricultural University concerned shall be final. Once a candidate accepts admission /joins an Agricultural University, he/she will be a bonafide student of that Agricultural University and he/she would, thereafter, be governed by all the academic rules/regulations including migration, as applicable at that university. ICAR will not entertain any direct request from the candidates in any such matters thereafter.
- (ii) Once recommendation for admission is finalized, change in the placement of subject/university or transfer/migration would not be permissible under any circumstances. ICAR will have no responsibility for change of subject/university after the counseling. No correspondence in this respect will be entertained. Canvassing of any kind may invite cancellation of admission.
- (iii) Candidate selected for admission through All India Entrance Examination for Admission, conducted by ICAR, may seek admission only during the session for which the Examination has been conducted. He/she will not be entitled for admission in subsequent sessions and thus cannot claim for seat allotment in other sessions/years based on this year's examination.
- (iv) Female candidates admitted through this examination on ICAR seats should be accommodated, to the extent possible, in the main campus of the University or in the campus located in a major city where there are adequate facilities for the stay of female students.

- (v) In case, at any stage, the documents submitted by the candidate are found to be fake/ forged, admission of the candidate will be forfeited and he/she shall be liable for consequential legal action.
- (vi) If any candidate/person engages in act(s) that might possibly lead to the leakage of question paper(s), or attempt to use or help in the use of unfair means in the examination, he/she will be liable to legal action under the Indian Penal Code, and his/her candidature would be forfeited.
- (vii) Any external pressure/canvassing by any candidate for admission will be treated as disqualification and would invite cancellation of admission.

7.10 Legal Jurisdiction: All disputes pertaining to the conduct of this examination and any other issue relating to All India Entrance Examination conducted by Education Division, ICAR, shall fall within the jurisdiction of Delhi Courts only.

NOTE: Students are severely warned not to indulge in any kind of ragging inside or outside the campus of any educational institution. Severe disciplinary/ criminal action will be taken by the concerned institution against the students/persons found to be indulging in ragging.

8.0 INSTRUCTIONS TO CANDIDATES

8.1 Filling of Application Form

A. Offline OMR Application

- (i) Every Information Bulletin bears a 'booklet number' (known as Application Number) at the bottom right hand corner which is also indicated on right side of the top and bottom of Application Form and both copies of Admit Cards. Please check that this number is the same at all places. In case of any discrepancy, you must get the copy of Information Bulletin exchanged at the counter. **This Application number, Subject Stream (A or B) for examination, the Examination City Centre chosen and the Sex, must be quoted in all future correspondences.**
- (ii) A candidate can apply for examination in only one Subject Stream (**A or B**). No change would be allowed thereafter. Choice of degree programmes for admission will be available at the time of counseling based on availability of seats, and merit rank of the candidate.
- (iii) Application, filled-in correctly in neat **own handwriting of the candidate** and complete in all respects, Acknowledgement card, duly affixed with postal stamp of an appropriate amount, should be submitted through Registered/

Speed Post only so as to reach the Controller of Examinations (Education), ICAR, Room No. 216, Krishi Anusandhan Bhavan-II, Pusa, New Delhi 110 012, well in time but not later than the last date, i.e. **February 07, 2014 positively**. The last date for receipt of Application from the candidates residing in remote areas such as Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, J&K, Lahaul and Spiti District and Pangi Sub-division of Chamba district of Himachal Pradesh, Andaman & Nicobar Island and Lakshadweep is **February 14, 2014**. Any incomplete application or application received after the last date will be summarily rejected and no claim/correspondence in this regard will be entertained. ICAR will not be responsible for any postal delay or loss of application during transit in this regard.

- (iv) The candidates appearing in the final qualifying examination are also eligible to apply and can appear in this entrance examination, but they must produce documentary evidence of their acquiring eligibility on the date of counseling.
- (v) Candidates are not required to submit any certificates / marks sheet etc. with the Application. It is the sole responsibility of the candidates to ensure that they fulfill the specified eligibility in toto before appearing in the examination.
- (vi) Detailed instructions for filling and submitting application are given in **ANNEXURE-X** of this Bulletin.
- (vii) If any candidate has been found at any stage to have furnished wrong information or deliberately suppressed any relevant information, his/ her candidature/ admission will be rejected/ cancelled as soon as it comes to the notice of either ICAR or the university concerned.

B. Online Application

This is an alternative option to OMR forms. Online Application and downloadable prospectus will be available on ICAR website. A **Demo Online application** form will also be available on the website for acquainting the candidates with this technique and for practicing before online submission of application.

The candidate has to visit www.icar.org.in and click the option of filling online application AIEEA-UG-2014. The candidate can download prospectus and then fill his / her form online. **He/ she need not purchase the separate prospectus or fill the form manually on OMR Sheet.**

During filling of prescribed online form, candidate can either opt for making fee payment through **Bank**

Challan of Syndicate Bank or through Credit / Debit card using Payment Gateway of Syndicate Bank/NEFT.

a. Making payment through Bank Challan

After filling the Online Application, candidate has to take a printout of computer generated confirmation page and bank challan (in 3 copies) through which he / she has to deposit cash (fees) in the nearest Syndicate Bank branch. Bank will return two copies of challan duly stamped. Candidate will retain one copy of the challan. He / she will enclose the second copy (duly stamped by the bank) with his / her filled in computer generated confirmation page's printout and send it to COE (Edn.) by post at the given address.

b. Making payment through Credit/Debit card using Payment Gateway of Syndicate Bank

During online filling of the form, candidate can also opt for making fee payment through Credit / Debit card using Payment Gateway of Syndicate Bank. In this case, the candidate will make payment directly through the debit/ credit card from his computer and will not be required to visit the bank. Receipt of such payments/ application is confirmed immediately.

c. Making payment through NEFT

While filling the form the candidates may also opt for 'Payment through NEFT'. When candidates have selected this option, after filling the form, a NEFT Challan shall be generated. The candidates can take a print out of this Challan and send NEFT remittance through any branch of any bank. In such cases, the candidates must fill the information as available in the NEFT Challan generated through ICAR website. The candidates must obtain the UTR number from the Bank through which they have sent NEFT remittance. The candidates are required to enclose a photocopy of the Banks' challan bearing the UTR number along with the application without fail.

After obtaining the UTR number, the candidates are required to visit the ICAR website again and upload the UTR number details in the website. Candidates are requested to ensure that only correct UTR details are entered in the website as the in-correct details shall lead to rejection of the application without further correspondence in the matter. No Bank charges are payable for NEFT payment.

While filling the Online form, candidate can upload soft copy of his /her clear, recent, colour photograph, same as pasted on Application Form, signature and thumb impression. If he / she is unable to do so then he / she has to paste the photograph, put his / her signature and thumb impression on the printout of computer generated confirmation page in designated

boxes and send it to COE (Edn.) by post at the given address.

Application will be allowed either on OMR application form attached with the Information Bulletin AIEEA-UG 2014 or **ONLINE only**. **No application will be allowed on any other format and will be summarily rejected.**

8.2 Conduct of Examination

- (i) Examination Hall will be opened to candidates 30 minutes before the commencement of examination.
- (ii) Candidate who does not possess Admit Card (*candidate copy*), duly attested and signed will not be admitted to the Examination Hall under any circumstances.
- (iii) Pre-written material in any form, viz., notes/ books/ log table, and mobile phones/i-pods, calculator or any electronic device are not allowed inside the examination hall. For verification, candidate may be searched at any time during the examination.
- (iv) The examination will start strictly on time and an announcement to this effect will be made by the Invigilator.
- (v) A time signal will be given ringing a long bell at the start of the examination. To indicate that one hour is remaining, or 15 minutes are remaining, short bells will be given. A signal (long bell) will also be given at the closing time for collection of OMR sheet and question booklet when the candidate must stop writing/markings the answers.
- (vi) Candidate coming late may be allowed to enter the examination hall up to 10.30 A.M. only but no extra time will be given. Candidate coming late beyond 30 minutes, after the commencement of the examination, will not be permitted.
- (vii) Fifteen minutes before the commencement of the examination, each candidate will be given OMR Answer Sheet and five minutes before, the Question Booklet.
- (viii) Immediately on receipt of Question Booklet, candidate should write/fill-in the required particulars on the cover page of the Question Booklet with **BLACK/ BLUE BALL-POINT PEN ONLY**. Candidate will not open the Question Booklet, until asked to do so by the Invigilator.
- (ix) Candidate will write required particulars on OMR answer sheet with only BLACK / BLUE BALL-POINT PEN on SIDE-I and -II.
- (x) No candidate shall be allowed to leave the Examination Hall until the completion of examination and related formalities. Candidate will hand over Question Booklet and OMR

Answer Sheet to the Invigilator before leaving the Examination Hall.

- (xi) After completing the examination and before handing over the Question Booklet and the OMR Answer Sheet, the candidate should once again check that all the particulars required in the Question Booklet and the OMR Answer Sheet has been correctly filled-in.
- (xii) The OMR Answer sheet shall be scanned and evaluated through computer and the **category-wise final merit list for counseling shall be prepared based on the reservation category information given by the candidate in OMR Answer sheet.** It must be ensured by the candidate that Roll Number, Subject Stream, Series of Question Booklet, optional paper attempted and Reservation Category are correctly written in the OMR Answer Sheet and also the OMR Answer Sheet is duly signed by the invigilator and the candidate at appropriate places, failing which it may not be considered for evaluation.
- (xiii) Before leaving the Examination Hall, the candidate must ensure that OMR Answer Sheet and Question Booklet have been handed over to the invigilator on duty. In case, the candidate does not hand over the OMR Answer Sheet with Question Booklet to the invigilator and takes away the same with him/her, this shall amount to use of unfair means and the candidate will be declared failed besides inviting further necessary action.
- (xiv) Candidates are advised to bring with them their own writing material such as hard card-board (on which nothing should be written) and their own good quality black/blue ball-point pens.
- (xv) Any attempt of using unfair means by the candidate during the examination process will render him/ her liable to be disqualified and his/ her candidature for the examination would be forfeited.

8.3 Checking/Changing Question Booklet: Before attempting the questions, the candidate must check Question Booklet for any defect in printing/number of pages, serial order of the questions etc. and ensure that Question Booklet given to him/her is serially numbered and contains pages as written on top of the first page. In case of any discrepancy/ defect, the candidate should immediately report to the Invigilator concerned and get the Question Booklet changed. **Change of question booklet would not be permitted 30 minutes after the start of examination.** The candidate shall not remove any page(s) from the Question Booklet and if any page(s) is/are found missing from his/her Question Booklet, it will be treated as use of unfair means and

shall render him/her liable for action/ cancellation of candidature.

8.4 Writing Answers on OMR Answer Sheet

- (i) Candidates are advised to go through the Specimen copy of OMR Answer sheet at **ANNEXURE–XII** very carefully and be conversant with the requirements of filling various particulars and marking the answers so that during the examination they could do so without any difficulty.
- (ii) OMR Answer Sheet used in the examination will be of special type amenable to scanning through Optical Scanner. There will be two sides of the OMR Answer Sheet, Side-I, containing particulars of candidate, instructions and Side-II, containing circles/bubbles.

Side – I (To be written with black/blue ball-point pen only)

Item No. 1–5: Write full Name, Father's Name, Roll Number, Examination-City-Centre Code number in item No. 1 to 4 exactly as given in the Admit Card and Question Booklet Serial Number at item No. 5.

Item No. 7: Put your signature in full, which must match with the signature as recorded in the Application and Admit Card.

Item No. 8: Must be signed by the invigilator.

Side - II (Use black/blue ball-point pen only)

Item No. 9: Fill in your roll number, writing one digit in each box and also shade/darken the corresponding circle/bubbles in the vertical columns underneath.

Item No. 10: Fill-in the Question Booklet serial number as indicated on the Question Booklet. You may omit the leading zero, if any.

Item No. 11: Darken the circle/bubble of **Stream-A** or **Stream-B** as the case may be.

**(A – Agriculture / Biology group),
(B – Mathematics group).**

Item No. 12: Darken the circle/bubble corresponding to the Question Paper Series-1 or Series-2 as provided in the box at right corner of the Question Booklet.

Item No. 13: Darken the circle of Optional Paper attempted, Biology/ Mathematics / Agriculture, as the case may be.

Item No. 14: Darken the circle/bubble for Reservation Category being claimed. **Note that after evaluation of Answer Sheet, the category-wise merit-rank list would be prepared on the basis of this information only.**

SC – for Scheduled Caste
ST – for Scheduled Tribe

- PC – for Physically Challenged
 UPS – for Under Privileged States
 OBC – for Other Backward Classes
 having Central OBC certificate
 GEN – for General category

NOTE:

- In case columns 11 & 12 are left blank or filled wrongly, the candidate would expose him/her-self to the risk of evaluation under wrong Stream/Series for which candidate him/her-self would be responsible. ICAR would not entertain any correspondence in this regard.
- In the event of leaving column 14 of OMR Answer sheet blank or filling wrongly, the candidate would be evaluated under General Category.
- It is the responsibility of the candidate to put his signature and also get the OMR Answer Sheet signed (serial No. 8) by the Invigilator which is a must for authentication and evaluation of the answer sheet.

Item No. 15: Corresponding to every serial number of question booklet, numbering 001 to 180, there is a corresponding answer-row on the Side-II of OMR Answer sheet, comprising of four circles/bubbles for recording correct answer to the question by completely darkening the appropriate circle/bubble and these circles/bubbles are marked with options A, B, C and D. Only one of these four options is the most appropriate and correct. The candidate is required to indicate his/her answer to the question by shading/darkening the appropriate circle/bubble completely with black/ blue ball-point pen. For example, the Question No. 004 in the Question Booklet may read as follows:

Q.No. 004. The unit of velocity is:

- | | |
|----------------------|----------------------|
| (A) ms_{-2} | (B) ms_{-1} |
| (C) ms_2 | (D) ms |

If the correct answer to this question is (B) i.e. ms_{-1} . The candidate will locate question No. 004 in the answer sheet and darken the circle/bubble marked (B) as shown below:

Q.No. 004 (A) **(B)** (C) (D)

If the candidate does not want to attempt a question, he/she should not mark any of the circles/bubbles given against that question.

8.5 Changing an Answer: The candidate will answer on the OMR Answer sheet by darkening the appropriate circle /bubble with black/ blue ball-point pen. The candidates will not be allowed to change the answer once marked as the computer processing will automatically discredit marking of more than one answer to a question during evaluation. Candidate

must also ensure that no visible mark is left on OMR answer sheet, otherwise the answer will be treated as wrong and invite negative marking. The candidate should bring his/her own good quality black/ blue ball-point pen for the exam.

8.6 Wrong/Incorrect Way of Marking: If more than one circle/bubble is darkened, or if the answer is marked in any manner other than the one as shown above, it shall be treated as wrong. A lightly/faintly darkened circle/bubble or otherwise marked circle/bubble will also be read by the Optical Scanner during scanning and the answer whether right or wrong shall not be the responsibility of the Council and the onus will lie on the candidate on account of incorrect way of marking. **Any indicative marking or stray marks on the OMR answer sheet shall be treated as an act of unfair means and discredit the candidate during optical scanning. The candidate must also ensure that the OMR answer sheet is not folded/ wrinkled.**

8.7 Rough Work: The candidate will not do any rough work or writing work on the OMR answer sheet. Rough work, if any, must be done on the pages provided for the purpose in the Question Booklet.

9.0 METHOD OF SELECTION AND ADMISSION THROUGH COUNSELING

9.1 Method of Selection

- The candidate declared/notified as qualified for counseling, based on the merit-rank, shall report for Counseling as per Counseling schedule at **ANNEXURE–XI** until and unless otherwise intimated. Candidate shall forfeit the claim for admission if he/she, in-person or through Authorized representative, does not report for counseling. **Candidate who has not been declared/ notified as qualified for counseling, shall not be considered for admission on ICAR seats in any Agricultural University at any stage.**
- Candidate will be recommended for admission in the subject/degree programme of choice in the Agricultural Universities on the basis of merit in the Entrance Examination and availability of seats at his/her merit-rank during counseling.
- List of original documents with self-attested photocopies, photographs to be produced at the time of counseling is as under:
 - All certificates and mark sheets/grade reports, in original related to Class X and XII, Transfer Certificate/ School Leaving Certificate, Character Certificate from the School last attended.
 - In case of candidates from SC, ST and non-creamy layer of OBC categories, Original Certificate as per Central Govt. requirements and issued by Competent Authority.
 - Medical Certificate in case of Physically Challenged (PC) candidates issued by Medical Officer of any

Government Hospital with description of the kind and the degree of disability.

- (d) In case the Date of Birth is not mentioned in Class X Certificate, Date of Birth (DOB) Certificate.
- (e) Candidates copy of the Admit Card, counseling call/ invitation letter from ICAR.
- (f) Three recent and clear passport size colour photographs same as pasted on the Application Form.
- (g) Domicile certificate.
- (h) Authority letter/undertaking in the prescribed format (**Annexure-III of IB**), if the candidate is unable to attend the counseling personally.

9.2 Admission through Counseling

- (i) The candidates qualified for counseling and called for consideration for provisional admission to the Agricultural Universities would be generally larger than the number of seats available, provided they have achieved a minimum of 50% marks for General and UPS categories and a minimum of 40% marks for SC/ST/PC categories in the Entrance examination. For OBC, it will be as per Supreme Court directives in this regard. The competent authority may relax the minimum qualifying marks in case the required number of candidates to be called for counseling are not available.
- (ii) The candidate, invited for counseling, will have to fill a prescribed **Counseling Form** (specimen at **ANNEXURE–XIII**) at the time of counseling. Candidate should give his/her options for choice of subject/degree programme and University in order of preference and present the same at the counseling desk when his/ her name and rank is announced through mike.
- (iii) The candidate or authorized representative called for counseling (personal appearance) should bring the counseling intimation letter issued/ downloaded from ICAR website, ₹ 2,000/- (Rupees Two Thousand only) in Cash, Admit Card, All Original Certificates with Mark-sheets, SC/ST/PC/UPS/OBC Category Certificate etc. and present the documents in original for verification at the **document checking desk** and place the self attested photocopies of the documents in their file. Final checking of the documents will be done at the time of admission by the allotted university. After the document checking, only the candidate, or their authorized representative along with their file and checked documents shall proceed to another counseling hall for the allotment of seat & the university available at their merit rank and choice. After the seat is allotted by the counselors and accepted by the candidate, shall move to the **computer desk-I** where the allotted seat will be deleted from the seat display system. Thereafter, part admission fee is to be deposited with the Registrar of the allotted university. After depositing the provisional

admission fee of ₹ 2,000/- in cash, candidate shall collect the fee receipt from the respective university representative and present his/ her file at the **computer desk-II** where he/ she will be issued the provisional admission letter. After this, candidate may leave the counseling hall.

- (iv) Authorized representative should bring the duly filled-in Authority Letter, attested by the competent authority indicated (**ANNEXURE-III**). One individual shall not act as representative for more than two candidates.
- (v) Candidate, not fulfilling the eligibility condition(s) at the time of counseling, will forfeit claim for admission and will not be considered for seat allocation. Candidature in such cases shall be rejected summarily. No correspondence shall be entertained thereafter in this regard.
- (vi) In view of the limited time availability for counseling at the counseling desk, each candidate is advised to keep a ready list of options, in case the filled in options of the candidate have been exhausted by the time candidate reaches the counseling desk. Candidate taking more time at the counseling desk may be asked to come at the end of the queue so that time of the remaining candidates is not wasted. In that case, the candidate shall lose claim of seat at his/her merit-rank.
- (vii) In case, all seats in a subject at the University opted for, are exhausted by the time candidate reaches counseling desk, he/she shall have the option to provide fresh choices of subject/ university, wherever the seat is available. The candidate shall have no claim for change of subject/University thereafter.
- (viii) **Against total number of ICAR seats available for a particular degree programme in a university, not more than 40% of ICAR seats from one State would be allocated to any one university in that subject. While computing 40% number, mathematical method of rounding to the nearest integer would be adopted except where there is only one seat, in which case, the whole seat would be allocated.**
- (ix) Candidate reporting late for counseling beyond the time specified on the specified counseling date, may be considered for admission on the counseling date, subject to valid/acceptable reason for late reporting, only out of the subjects & Universities available at the time of his/her actual counseling. He/she will lose any claim for seat at his/her merit-rank due to- late reporting. Please see **Annexure- XI** for related instructions.
- (x) The fact that a candidate or his/her representative has appeared for Counseling, will not ensure admission unless a seat at the rank of the candidate for Counseling is available and he/ she meets all eligibility requirements.

- (xi) It should be noted carefully that ICAR allocates the University, whereas the choice of College within the University allotted shall be regulated by the University itself. Candidate may not approach ICAR, thereafter, for any specific College within the allotted University.
- (xii) In case a candidate has been allotted a university and subject at the time of counseling and the same has been accepted by the candidate, any request for change/transfer of subject/university thereafter, will not be entertained by ICAR. The candidate, once admitted in a degree programme as per his/her merit-rank and availability of seat at the time of counseling, will not stake claim for change of subject/University later on after his/her counseling is over.
- (xiii) All candidates or their authorized representatives reporting for Counseling will be required to submit original certificates and mark sheets to the Registrar of the allotted University, otherwise admission may not be granted. All original certificates submitted by the candidates may be sent to their respective Boards for verification. In case a candidate wishes to withdraw the original certificates after the admission, he/she shall directly request the allotted University for the same.
- (xiv) If any candidate fails to deposit the part admission fee and original certificates as required, the admission would not be granted and candidate would forfeit his/her claim for admission.
- (xv) In case any particular Board is not recognized or has been derecognized by some university, ICAR will not be responsible for admitting students of that Board in the universities not willing to admit such candidates.

9.3 Admission through Waitlist

- (i) The candidate, who has attended the Counseling, but due to non-availability of subject/University of his/her choice, has not accepted admission during the counseling but desires admission later on out of any consequential vacancy, should submit request for admission through waitlist in a Wait-List proforma which shall be provided at the time of counseling.
- (ii) The request for admission through Wait List will be considered as per his/her choice, provided vacancy arises in the subject/university within the time limit of student-registration for admission at that university.
- (iii) If the candidate does not submit such a waitlist request at the time of counseling, it will be presumed that he/she is no more interested in admission on ICAR seats and no request received thereafter, will be considered.
- (iv) It may be noted that a **candidate who has**

been allotted a seat during counseling is not allowed to opt for waitlist vacancies.

- (v) The waitlist will be sent by the ICAR directly to the concerned university which may invite the candidate in case the vacancy arises by the last date of registration for particular Academic Session. **Candidate shall not correspond with ICAR in this regard.**
- (vi) Candidate should further note that mere submission of wait-list proforma request does not guarantee admission unless seats fall vacant in his/her choice of university/subject within the time schedule for registration/ admission.

9.4 Filling of Vacant seats after the counseling

- (i) ICAR seats, if remain vacant, even after filling up with waitlisted candidates, shall automatically stand released to the Agricultural University concerned for filling up at their level and as per the procedure in vogue by the respective university. **These seats will no more be called as ICAR seats and will be treated as university seats.** Once the counseling/ admission process, including the waitlisted candidates, is over, filling up of any subsequent vacancies created due to non- reporting of candidates or any other reason, shall not be the responsibility of ICAR. No correspondence in this regard will be entertained either from the universities or from any candidate.
- (ii) The candidate admitted provisionally to an Agricultural University through ICAR examination, shall have to report to the concerned Agricultural University on the date of registration, as notified by the concerned University. The candidate is, therefore, advised to be in constant touch with the University allotted. Date of joining/registration at the university must be enquired from the university official present during the counseling and carefully noted.
- (iii) No correspondence from the candidates/ guardians/ parents will be entertained for seeking permission for late registration/ admission in the universities or issuing any direction in this regard.

10.0 INSTITUTIONAL INFORMATION ON NDRI (DAIRY TECH.):

All (100%) seats at NDRI, Karnal in Dairy Technology will be filled based on merit-rank in this examination. Reservation of SC, ST, PC and UPS categories will be applicable as per ICAR norms at **item 5.0**. However, out of the total seats, not more than 40% seats (with mathematical rounding procedure applied as explained earlier) will be filled from one State. Reservation for OBC will be as per Government of India directives applicable at the time of counseling.

SYLLABUS FOR ICAR'S ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION TO BACHELOR DEGREE PROGRAMMES (AIEEA-UG-2014)

PHYSICS

Unit-1: Physical World and Measurement

Physics scope and excitement; nature of physical laws; Physics, technology and society. Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures. Dimensions of physical quantities, dimensional analysis and its applications.

Unit-2: Kinematics

Frame of reference. Motion in a straight line: Position-time graph, speed and velocity. Uniform and non-uniform motion, average speed and instantaneous velocity. Uniformly accelerated motion: velocity-time graph, position-time graphs, relations for uniformly accelerated motion (graphical treatment). Elementary concepts of differentiation and integration for describing motion. Scalar and vector quantities: Position and displacement vectors, general vectors and notation, equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity. Unit vector; Resolution of a vector in a plane - rectangular components. Motion in a plane. Cases of uniform velocity and uniform acceleration-projectile motion. Uniform circular motion. Motion of objects in three dimensional space. Motion of objects in three dimensional space.

Unit-3: Laws of Motion

Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces. Static and kinetic friction, laws of friction, rolling friction. Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on level circular road, vehicle on banked road).

Unit-4: Work, Energy and Power

Scalar product of vectors. Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: conservation of mechanical energy (kinetic and potential energies); non-conservative forces: elastic and inelastic collisions in one and two dimensions.

Unit-5: Motion of System of Particles and Rigid Body

Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of uniform rod. Vector product of vectors; moment of a force, torque, angular momentum, conservation of angular momentum with some examples. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions; moment of inertia, radius of gyration. Values of moments of inertia for simple geometrical objects. Statement of parallel and perpendicular axes theorems and their applications.

Unit-6: Gravitation

Kepler's laws of planetary motion. The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy; gravitational potential. Escape velocity. Orbital velocity of a satellite. Geo-stationary satellites.

Unit-7: Properties of Bulk Matter

Elastic behaviour, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear, modulus of rigidity. Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes). Effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, Reynold's number, streamline and turbulent flow. Bernoulli's theorem and its applications. Surface energy and surface tension, angle of contact, application of surface tension ideas to drops, bubbles and capillary rise.

Heat, temperature, thermal expansion; specific heat - calorimetry; change of state - latent heat. Heat transfer-conduction, convection and radiation, thermal conductivity, Newton's law of cooling.

Unit-8: Thermodynamics

Thermal equilibrium and definition of temperature (zeroth law of thermodynamics). Heat, work and internal energy. First law of thermodynamics. Second law of thermodynamics: reversible and irreversible processes. Heat engines and refrigerators.

Unit-9: Behaviour of Perfect Gas and Kinetic Theory

Equation of state of a perfect gas, work done on compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic energy and temperature; rms speed of gas molecules; degrees of freedom, law of equipartition of energy (statement only) and application to specific heats of gases; concept of mean free path, Avogadro's number.

Unit-10: Oscillations and Waves

Periodic motion - period, frequency, displacement as a function of time. Periodic functions. Simple Harmonic Motion (S.H.M) and its equation; phase; oscillations of a spring-restoring force and force constant; energy in S.H.M.- kinetic and potential energies; simple pendulum- derivation of expression for its time period; free, forced and damped oscillations, resonance. Wave motion. Longitudinal and transverse waves, speed of wave motion. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats, Doppler effect.

Unit-11: Electrostatics

Electric Charges; Conservation of charge, Coulomb's law - force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines; electric dipole, electric field due to a dipole; torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside). Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor. Van de Graaff generator.

Unit-12: Current Electricity

Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, electrical resistance, $V - I$ characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity. Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance. Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel. Kirchhoff's laws and simple applications. Wheatstone bridge, metre bridge. Potentiometer - principle and its applications to measure potential difference and for comparing emf of two cells; measurement of internal resistance of a cell.

Unit-13: Magnetic Effects of Current and Magnetism

Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire, straight and toroidal solenoids. Force on a moving charge in uniform magnetic and electric fields. Cyclotron. Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current-carrying conductors-definition of ampere. Torque experienced by a current loop in uniform magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.

Current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole (bar magnet) in a uniform magnetic field; bar magnet as an equivalent solenoid, magnetic field lines; Earth's magnetic field and magnetic elements. Para-, dia- and ferro - magnetic substances, with examples. Electromagnets and factors affecting their strengths. Permanent magnets.

Unit-14: Electromagnetic Induction and Alternating Currents

Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law, Eddy currents. Self and mutual inductance. Need for displacement current. Alternating currents, peak and rms value of alternating current/voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power in AC circuits, wattless current. AC generator and transformer.

Unit-15: Electromagnetic waves

Displacement current, Electromagnetic waves and their characteristics (qualitative ideas only). Transverse nature of electromagnetic waves. Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.

Unit-16: Optics

Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and its applications, optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lensmaker's formula. Magnification, power of a lens, combination of thin lenses in contact. Refraction and dispersion of light through a prism. Scattering of light - blue colour of the sky and reddish appearance of the sun at sunrise and sunset. Optical instruments: Human eye, image formation and accommodation, correction of eye defects (myopia, hypermetropia, presbyopia and astigmatism) using lenses. Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers. Wave optics: wave front and Huygens' principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygens' principle. Interference, Young's double slit experiment and expression for fringe width, coherent sources and sustained interference of light. Diffraction due to a single slit, width of central maximum. Resolving power of microscopes and astronomical telescopes. Polarisation, plane polarised light; Brewster's law, uses of plane polarised light and Polaroids.

Unit-17: Dual Nature of Matter and Radiation

Dual nature of radiation. Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light. Matter waves-wave nature of particles, de Broglie relation. Davisson-Germer experiment.

Unit-18: Atoms & Nuclei

Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum. Composition and size of nucleus, atomic masses, isotopes, isobars; isotones. Radioactivity, alpha, beta and gamma particles/rays and their properties; radioactive decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission, nuclear reactor, nuclear fusion.

Unit-19: Electronic Devices

Semiconductors; semiconductor diode – I -V characteristics in forward and reverse bias, diode as a rectifier; I - V characteristics of LED, photodiode, solar cell, and Zener diode; Zener diode as a voltage regulator. Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier (common emitter configuration) and oscillator. Logic gates (OR, AND, NOT, NAND and NOR). Transistor as a switch.

Unit-20: Communication Systems

Elements of a communication system (block diagram only); bandwidth of signals (speech, TV and digital data); bandwidth of transmission medium. Propagation of electromagnetic waves in the atmosphere, sky and space wave propagation. Need for modulation. Production and detection of an amplitude-modulated wave.

CHEMISTRY

Unit-1: Some Basic Concepts of Chemistry

General Introduction: Importance and scope of chemistry. Historical approach to particulate nature of matter, laws of chemical combination. Dalton's atomic theory: concept of elements, atoms and molecules. Atomic and molecular masses mole concept and molar mass: percentage composition, empirical and molecular formula chemical reactions, stoichiometry and calculations based on stoichiometry.

Unit-2: Solid State

Classification of solids based on different binding forces: molecular, ionic, covalent and metallic solids, amorphous and crystalline solids (elementary idea), unit cell in two dimensional and three dimensional lattices, calculation of density of unit cell, packing in solids, voids, number of atoms per unit cell in a cubic unit cell, point defects, electrical and magnetic properties.

Unit-3: Solutions

Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties – relative lowering of vapour pressure, elevation of Boiling Point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass.

Unit-4: Structure of Atom

Discovery of electron, proton and neutron; atomic number, isotopes and isobars. Thomson's model and its limitations, Rutherford's model and its limitations. Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p, and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli exclusion principle and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

Unit-5: Classification of Elements and Periodicity in Properties

Significance of classification, brief history of the development of periodic table, modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii. Ionization enthalpy, electron gain enthalpy, electro negativity, valence.

Unit-6: Chemical Bonding and Molecular Structure

Valence electrons, ionic bond, covalent bond: bond parameters. Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR (Valence shell electron pair repulsion) theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules, molecular orbital; theory of homonuclear diatomic molecules (qualitative idea only), hydrogen bond.

Unit-7: States of Matter: Gases and Liquids

Three states of matter. Intermolecular interactions, type of bonding, melting and boiling points. Role of gas laws in elucidating the concept of the molecule, Boyle's law. Charles law, Gay Lussac's law, Avogadro's law. Ideal behaviour, empirical derivation of gas equation, Avogadro's number. Ideal gas equation. Derivation from ideal behaviour, liquefaction of gases, critical temperature. Liquid State - Vapour pressure, viscosity and surface tension (qualitative idea only, no mathematical derivations).

Unit-8: Thermodynamics

Concepts of System, types of systems, surroundings. Work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics - internal energy and enthalpy, heat capacity and specific heat, measurement of ΔU and ΔH , Hess's law of constant heat summation, enthalpy of: bond dissociation, combustion, formation, atomization, sublimation. Phase transformation, ionization, and solution. Introduction of entropy as a state function, free energy change for spontaneous and non-spontaneous processes, criteria for equilibrium.

Unit-9: Equilibrium

Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle; ionic equilibrium - ionization of acids and bases, strong and weak electrolytes, degree of ionization, concept of pH. Hydrolysis of salts. Buffer solutions, solubility product, common ion effect.

Unit-10: Redox Reactions

Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, applications of redox reactions.

Unit-11: Hydrogen

Position of hydrogen in periodic table, occurrence, isotopes, preparation, properties and uses of hydrogen; hydrides - ionic, covalent and interstitial; physical and chemical properties of water, heavy water; hydrogen peroxide-preparation, properties and structure; hydrogen as a fuel.

Unit-12: s-Block Elements (Alkali and Alkaline earth metals)**Group 1 and Group 2 elements**

General introduction, electronic configuration, occurrence, anomalous properties of the first element of each group, diagonal relationship, trends in the variation of properties (such as ionization enthalpy, atomic and ionic radii), trends in chemical reactivity with oxygen, water, hydrogen and halogens; uses.

Unit-13: Preparation and properties of some important compounds

Sodium carbonate, sodium chloride, sodium hydroxide and sodium hydrogen carbonate, biological importance of sodium and potassium. CaO , CaCO_3 and industrial use of lime and limestone, biological importance of Mg and Ca

Unit-14: Some p-Block Elements**General Introduction to p-Block Elements: Group 13 elements**

General introduction, electronic configuration, occurrence. Variation of properties, oxidation states, trends in chemical reactivity, anomalous properties of first element of the group; Boron- physical and chemical properties, some important compounds: borax, boric acids, boron hydrides. Aluminum: uses, reactions with acids and alkalis.

Unit-15: Group 14 elements

General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous behaviour of first element, Carbon - catenation, allotropic forms, physical and chemical properties;

uses of some important compounds: oxides. Important compounds of silicon and a few uses: silicon tetrachloride, silicones, silicates and zeolites.

Unit-16: Organic Chemistry

Some Basic Principles and Techniques

General introduction, methods of qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds, Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions; electrophiles and nucleophiles, types of organic reactions

Unit-17: Hydrocarbons

Classification of hydrocarbons

Alkanes - Nomenclature, isomerism, conformations (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis.

Alkenes - Nomenclature, structure of double bond (ethene) geometrical isomerism, physical properties, methods of preparation; chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition.

Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties. Methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water.

Aromatic hydrocarbons: Introduction, IUPAC nomenclature; benzene: resonance, aromaticity; chemical properties: mechanism of electrophilic substitution. – nitration, sulphonation, halogenation, Friedel-Craft's alkylation and acylation: directive influence of functional group in mono-substituted benzene; carcinogenicity and toxicity.

Unit-18: Electrochemistry

Conductance in electrolytic solutions, specific and molar conductivity variations of conductivity with concentration, Kohlrausch's Law, electrolysis and laws of electrolysis (elementary idea), dry cell – electrolytic cells and Galvanic cells; lead accumulator, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, fuel cells; corrosion.

Unit-19: Chemical Kinetics

Rate of a reaction (average and instantaneous), factors affecting rate of reaction; concentration, temperature, catalyst; order and molecularity of a reaction; rate law and specific rate constant, integrated rate equations and half life (only for zero and first order reactions); concept of collision theory (elementary idea, no mathematical treatment)

Unit-20: Surface Chemistry

Adsorption – physisorption and chemisorption; factors affecting adsorption of gases on solids; catalysis : homogenous and heterogeneous, activity and selectivity: enzyme catalysis; colloidal state: distinction between true solutions, colloids and suspensions; lyophilic, lyophobic, multimolecular and macromolecular colloids; properties of colloids; Tyndall effect, Brownian movement, electrophoresis, coagulation; emulsion – types of emulsions.

Unit-21: General Principles and Processes of Isolation of Elements

Principles and methods of extraction - concentration, oxidation, reduction electrolytic method and refining; occurrence and principles of extraction of aluminium, copper, zinc and iron.

Unit-22: p-Block Elements

Group 15 elements

General introduction, electronic configuration, occurrence, oxidation states, trends in physical and chemical properties; nitrogen - preparation, properties and uses; compounds of nitrogen: preparation and properties of ammonia and nitric acid, oxides of nitrogen (structure only); Phosphorous-allotropic forms; compounds of phosphorous: preparation and properties of phosphine, halides (PCl_3 , PCl_5) and oxoacids

Unit-23: Group 16 elements

General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; dioxygen: preparation, properties and uses; simple oxides; Ozone. Sulphur - allotropic forms; compounds of sulphur: preparation, properties and uses of sulphur dioxide; sulphuric acid: industrial process of manufacture, properties and uses, oxoacids of sulphur (structures only).

Unit-24: Group 17 elements

General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens: preparation, properties and uses of chlorine and hydrochloric acid, interhalogen compounds, oxoacids of halogens (structures only).

Unit-25: Group 18 elements

General introduction, electronic configuration. Occurrence, trends in physical and chemical properties, uses.

Unit-26: d and f Block Elements

General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour catalytic property, magnetic properties, interstitial compounds, alloy formation preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$.

Lanthanoids - electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction.

Actinoids - Electronic configuration, oxidation states.

Unit-27: Coordination Compounds

Coordination compounds - Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. bonding; isomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological systems).

Unit-28: Haloalkanes and Haloarenes

Haloalkanes: Nomenclature, nature of C-X bond, physical and chemical properties, mechanism of substitution reactions.

Haloarenes: Nature of C-X bond, substitution reactions (directive influence of halogen for monosubstituted compounds only) Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

Unit-29: Alcohols, Phenols and Ethers**Alcohols**

Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only); identification of primary, secondary and tertiary alcohols; mechanism of dehydration, uses of methanol and ethanol. **Phenols** : Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. **Ethers:** Nomenclature, methods of preparation, physical and chemical properties, uses.

Unit-30: Aldehydes, Ketones and Carboxylic Acids

Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes; uses.

Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

Unit-31: Organic compounds containing Nitrogen

Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines.

Cyanides and Isocyanides - will be mentioned at relevant places in context.

Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

Unit-32: Biomolecules

Carbohydrates- Classification (aldoses and ketoses), monosaccharide (glucose and fructose), oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); importance.

Proteins - Elementary idea of α -amino acids, peptide bond, polypeptides, proteins, structure of amines-primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes.

Vitamins - Classification and functions.

Nucleic Acids: DNA and RNA .

Unit-33: Polymers

Classification - natural and synthetic, methods of polymerization (addition and condensation), copolymerization. Some important polymers: natural and synthetic like polythene, nylon, polyesters, Bakelite, rubber.

Unit-34: Environmental Chemistry

Environmental pollution - air, water and soil pollution, chemical reactions in atmosphere, smog, major atmospheric pollutants; acid rain, ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming - pollution due to industrial wastes; green chemistry as an alternative tool for reducing pollution, strategy for control of environmental pollution.

Unit-35: Chemistry in Everyday life

1. **Chemicals in medicines** - analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines.
2. **Chemicals in food** - preservatives, artificial sweetening agents.
3. **Cleansing agents** - soaps and detergents, cleansing action.

BIOLOGY (BOTANY AND ZOOLOGY)

Unit : 1 The Living World

Nature and scope of Biology. Methods of Biology. Our place in the universe. Laws that govern the universe and life. Level of organization. Cause and effect relationship.

Being alive. What does it mean? Present approaches to understand life processes, molecular approach; life as an expression of energy; steady state and homeostasis; self duplication and survival; adaptation; death as a positive part of life.

Origin of life and its maintenance. Origin and diversity of life. Physical and chemical principles that maintain life processes. The living crust and interdependence. The positive and negative aspects of progress in biological sciences. The future of the living world, identification of human responsibility in shaping our future.

Unit : 2 Unit of Life

Cell as a unit of life. Small biomolecules; water, minerals, mono and oligosaccharides, lipids, amino acids, nucleotides and their chemistry, cellular location and function. Macromolecules in cells - their chemistry, cellular location and functional significance. Polysaccharides, proteins and nucleic acids. Enzymes; chemical nature, classification, mechanism in action-enzyme complex, allosteric modulation (brief), irreversible activation. Biomembranes; Fluid mosaic model of membrane, role in transport, recognition of external information (brief). Structural organization of the cell; light and electron microscopic views of cell, its organelles and their functions; nucleus mitochondria, chloroplasts, endoplasmic reticulum. Golgi complex, lysosomes, microtubules, cell wall, cilia and flagella, vacuoles, cell inclusions. A general account of cellular respiration. Fermentation, biological oxidation (A cycle outline), mitochondrial electron transport chain, high energy bonds and oxidative phosphorylation, cell reproduction; Process of mitosis and meiosis.

Unit : 3 Diversity of Life

Introduction. The enormous variety of living things, the need for classification to cope with this variety; taxonomy and phylogeny; shortcomings of a two kingdom classification as plants and animals; the five kingdom classification, Monera, Protista, Plantae, Fungi and Animalia; the basic features of five kingdom classification. modes of obtaining nutrition- autotrophs and heterotrophs. Life style producers, consumers and decomposers. Unicellularity and multicellularity, phylogenetic relationships. Concepts of species, taxon and categories - hierarchical levels of classification; binomial nomenclature; principles of classification and nomenclature; identification and nature of viruses and bacteriophages; kingdom Monera-archaeobacteria - life in extreme environments; Bacteria, Actinomycetes, Cyanobacteria. Examples & illustration of autotrophic and heterotrophic life; mineralizes-nitrogen fixers; Monera in cycling matter; symbiotic forms; disease producers. Kingdom Protista-Eukaryotic unicellular organisms, development of flagella and cilia; beginning of mitosis; syngamy and sex. Various life styles shown in the major phyla. Evolutionary precursors of complex life forms. Diatoms, dinoflagellates, slime moulds, protozoans; symbiotic forms. Plant kingdom-complex autotrophs, red brown and green algae; conquest of land, bryophytes, ferns, gymnosperms and angiosperms. Vascularization; development of flower, fruit and seed. Kingdom fungi-lower fungi (Zygomycetes), higher fungi (Ascomycetes and Basidiomycetes); the importance of fungi. Decomposers; parasitic forms; lichens and mycorrhizae. Animal kingdom-animal body pattern and symmetry. The development of body cavity in invertebrate vertebrate phyla. Salient features with reference to habitat and example of phylum porifera, coelenterata, helminthis, annelids, mollusca, arthropoda, echinoderms; chordata - (classes-fishes, amphibians, reptiles, birds and mammals) highlighting major characters.

Unit : 4 Organisms and Environment

Species: Origin and concept of species population, interaction between environment and population community. Biotic community, interaction between different species, biotic stability. Changes in the community. Succession. Ecosystem;

interaction between biotic and abiotic components; major ecosystems, manmade ecosystem- Agro ecosystem. Biosphere; flow of energy, trapping of solar energy, energy pathway, food chain, food web, biogeochemical cycles, calcium and sulphur, ecological imbalance and its consequences. Conservation of natural resources; renewable and non-renewable (in brief). Water and land management, wasteland development. Wild life and forest conservation; causes for the extinction of some wild life, steps taken to conserve the remaining species, concept of endangered species-Indian examples, conservation of forests; Indian forests, importance of forests, hazards of deforestation, concept of afforestation. Environmental pollution; air and water pollution, sources, major pollutants of big cities of our country, their effects and methods of control, pollution due to nuclear fallout and waste disposal, effect and control, noise pollution; sources and effects.

Unit : 5 Multicellularity : Structure and Function - Plant Life

Form and function. Tissue system in flowering plants; meristematic and permanent. Mineral nutrition-essential elements, major functions of different elements, passive and active uptake of minerals. Modes of nutrition, transport of solutes and water in plants. Photosynthesis; photochemical and biosynthetic phases, diversity in photosynthetic pathways, photosynthetic electron transport and photophosphorylation, photorespiration. Transpiration and exchange of gases. Stomatal mechanism. Osmoregulation in plants: water relations in plant cells, water potential. Reproduction and development in Angiosperms; asexual and sexual reproduction. Structure and functions of flower: development of male and female gametophytes in angiosperms, pollination, fertilization and development of endosperm, embryo seed and fruit. Differentiation and organ formation. Plant hormones and growth regulation; action of plant hormones in relation to seed dormancy and germination, apical dominance, senescence and abscission. Applications of synthetic growth regulators. A brief account of growth and movement in plants.

Unit : 6 Multicellularity : Structure and Function - Animal Life

Animal tissues, epithelial, connective, muscular, nerve. Animal nutrition, organs of digestion and digestive process, nutritional requirements for carbohydrates, proteins, fats, minerals and vitamins; nutritional imbalances and deficiency diseases. Gas exchange and transport: Pulmonary gas exchange and organs involved, transport of gases in blood, gas exchange in aqueous media circulation: closed and open vascular systems, structure and pumping action of heart, arterial blood pressure, lymph. Excretion and osmoregulation. Ammonotelism, Ureotelism, ureotelism, excretion of water and urea with special reference to man. Role of kidney in regulation of plasma, osmolality on the basis of nephron structure, skin and lungs in excretion. Hormonal coordination; hormones of mammals, role of hormones as messengers and regulators. Nervous coordination, central autonomic and peripheral nervous systems, receptors, effectors, reflex action, basic physiology of special senses, integrative control by neuroendocrinal systems. Locomotion: joints, muscle movements, types of skeletal muscles according to types of movement, basic aspects of human skeleton. Reproduction; human reproduction, female reproductive cycles. Embryonic development in mammals (upto three germs layers), growth, repair and ageing.

Unit : 7 Continuity of Life

Heredity and variation: Introduction, Mendel's experiments with peas and concepts of factors. Mendel's laws of inheritance. Genes: Packaging of heredity material in prokaryotes-bacterial chromosome and plasmid; and eukaryote chromosomes. Extranuclear genes, viral genes. Linkage (genetic) maps. Sex determination and sex linkage. Genetic material and its replication, gene manipulation. Gene expression; genetic code, transcription, translation, gene regulation. Molecular basis of differentiation.

Unit : 8 Origin and Evolution of Life

Origin of life: living and non-living, chemical evolution, organic evolution; Oparin ideas, Miller-Urey experiments. Interrelationship among living organisms and evidences of evolution: fossil records including geological scale, Morphological evidence - hematology, vestigial organs, embryological similarities and biogeographical evidence.

Darwin's two major contributions. Common origin of living organisms and recombination as source of variability, selection and variation, adaptation (Lederberg's replica plating experiment for indirect selection of bacterial mutants), reproductive isolation, speciation. Role of selection, change and drift in determining composition of population. Selected examples: industrial melanism; drug resistance, mimicry, malaria in relation to G-6-PD deficiency and sickle cell disease. Human evolution: Palaeontological evidence, man's place among mammals. Brief idea of *Dryopithecus*, *Australopithecus*, *Homo erectus*, *H. neanderthalensis*, Cro-Magnon man and *Homo sapiens*. Human chromosomes, similarity in different racial groups. Comparison with chromosomes of non-human primates to indicate common origin; Cultural vs. biological evolution.

Mutation: origin and types of mutation, their role in speciation.

Unit : 9 Application of Biology

Introduction, role of biology, in the amelioration of human problems. Domestication of plant- a historical account, improvement of crop plants; Principles of plant breeding and plant introduction. Use of fertilizers, their economic and ecological aspects.

Use of pesticides: advantages and hazards. Biological methods of pest control. Crops today. Current concerns, gene pools and genetic conservation. Underutilized crops with potential uses of oilseeds, medicines, beverages, spices, fodder, New crops-Leucaena (Subabul), Jojoba, Guayule, winged bean, etc. Biofertilizers - green manure, crop residues and nitrogen fixation (symbiotic, non symbiotic). Applications of tissue culture and genetic engineering in crops. Domestication and introduction of animals. Livestock, poultry, fisheries (fresh water, marine, aquaculture). Improvement of animals: principles of animal breeding. Major animal diseases and their control. Insects and their products (silk, honey, wax and lac). Bioenergy-biomass, wood (combustion; gasification, ethanol). Cow dung cakes, gobar gas, plants as sources of hydrocarbons for producing petroleum, ethanol from starch and lignocellulose. Biotechnology, application in health and agriculture, genetically modified (GM) organisms, bio-safety issues. A brief historical account-manufacture of cheese, yoghurt, alcohol, yeast, vitamins, organic acids, antibiotics, steroids, dextrins. Scaling up laboratory findings to Industrial production, sewage treatment. Production of insulin, human growth hormones, interferon. Communicable diseases including STD and diseases spread through 'blood transfusion (hepatitis, AIDS, etc) Immune response, vaccine and antisera. Allergies and Inflammation. Inherited diseases and dysfunctions, sex-linked diseases, genetic incompatibilities, and genetic counseling. Cancer-major types, causes, diagnosis and treatment. Tissue and organ transplantation. Community health services and measures; blood banks; mental health, smoking, alcoholism and drug addiction-physiological symptoms and control measures. Industrial wastes, toxicology, pollution-related diseases. Biomedical engineering - spare parts for man, instruments for diagnosis of diseases and care. Human population related diseases. Human population, growth, problems and control, inequality between sexes, control measures; test-tube babies aminocentesis. Future of Biology.

MATHEMATICS

Unit-1: Sets and Functions

- Sets** : Sets and their representations. Empty set. Finite & Infinite sets. Equal sets. Subsets, Subsets of the set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set.
- Relations & Functions**: Ordered pairs, Cartesian product of sets. Number of elements in the cartesian product of two finite sets. Cartesian product of the reals with itself (upto $R \times R \times R$). Definition of relation, Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of a function. Binary operations, Pictorial representation of a function, domain. Co-domain and range of a relation. Function as a special kind of relation from one set to another. Real valued function of the real variable, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum and greatest integer functions with their graphs. Sum, difference, product and quotients of functions.
- Trigonometric Functions**: Positive and negative angles. Measuring angles in radians & in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2 x + \cos^2 x = 1$, for all x . Signs of trigonometric functions and sketch of their graphs. Expressing $\sin(x+y)$ and $\cos(x+y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$. Deducing the identities like the following:

$$\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \pm \tan x \tan y}, \quad \cot(x \pm y) = \frac{\cot x \cot y \pm 1}{\cot y \pm \cot x}$$

$$\cos x + \cos y = 2 \cos \frac{x+y}{2} \cos \frac{x-y}{2}$$

$$\sin x - \sin y = 2 \cos \frac{x+y}{2} \sin \frac{x-y}{2} \quad \cos x - \cos y = -2 \sin \frac{x+y}{2} \sin \frac{x-y}{2}$$

Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$. General solution of trigonometric equations of the type $\sin \theta = \sin \alpha$, $\cos \theta = \cos \alpha$ and $\tan \theta = \tan \alpha$.

Inverse Trigonometric Functions: Definition, range, domain, principal value branches. Graphs of inverse trigonometric functions. Elementary properties of inverse trigonometric functions.

Properties of triangles, including centroid, incentre, circum-centre and orthocentre, Solution of triangles. Heights and Distances.

Unit-2: Algebra

1. **Principle of Mathematical Induction:** Processes of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.
2. **Complex Numbers and Quadratic Equations:** Need for complex numbers, especially -1 , to be motivated by inability to solve every quadratic equation. Brief description of algebraic properties of complex numbers. Argand plane and polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations in the complex number system.
3. **Linear Inequalities:** Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Solution of system of linear inequalities in two variables- graphically.
4. **Permutations & Combinations:** Fundamental principle of counting. Factorial n . ($n!$). Permutations and combinations, derivation of formulae and their connections, simple applications.
5. **Binomial Theorem:** History, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, General and middle term in binomial expansion, simple applications.
6. **Sequence and Series:** Sequence and Series. Arithmetic progression (A. P.). arithmetic mean (A.M.) Geometric progression (G.P.), general term of a G.P., sum of n terms of a G.P., geometric mean (G.M.), relation between A.M. and G.M. Sum to n terms of the special series $\sum n$, $\sum n^2$ and $\sum n^3$.
7. **Matrices:** Concept, notation, order, equality, types of matrices, zero matrix, transpose of a matrix, symmetric and skew symmetric matrices. Addition, multiplication and scalar multiplication of matrices, simple properties of addition, multiplication and scalar multiplication. Non-commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Concept of elementary row and column operations. Invertible matrices and proof of the uniqueness of inverse, if it exists.
8. **Determinants:** Determinant of a square matrix (up to 3×3 matrices), properties of determinants, minors, cofactors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.

Unit-3: Coordinate Geometry

1. **Straight Lines:** Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercepts form and normal form. General equation of a line. Distance of a point from a line.
2. **Conic Sections:** Sections of a cone: circle, ellipse, parabola, hyperbola, a point, a straight line and pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.
3. **Introduction to Three-dimensional Geometry:** Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points and section formula.

Unit-4: Calculus

1. **Limits and Derivatives:** Derivative introduced as rate of change both as that of distance function and geometrically, intuitive idea of limit. Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.
2. **Continuity and Differentiability:** Continuity and differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit function. Concept of exponential and logarithmic functions and their derivative. Logarithmic differentiation. Derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretations.
3. **Applications of Derivatives:** Applications of derivatives: rate of change, increasing/decreasing functions, tangents & normals, approximation, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems.
4. **Integrals:** Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts; only simple integrals of the type

$$\int \frac{dx}{x^2 \pm a^2} \quad \int \frac{dx}{\sqrt{x^2 \pm a^2}} \quad \int \frac{dx}{\sqrt{a^2 - x^2}} \quad \int \frac{dx}{ax^2 + bx + c} \quad \int \frac{dx}{\sqrt{ax^2 + bx + c}} \quad \int \frac{(px + q)}{ax^2 + bx + c} dx$$
$$\int \frac{(px + q)}{\sqrt{ax^2 + bx + c}} dx \quad \int \sqrt{a^2 \pm x^2} dx \quad \text{and} \quad \int \sqrt{x^2 - a^2} dx$$

to be evaluated. Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.

5. **Applications of the Integrals:** Applications in finding the area under simple curves, especially lines, areas of circles/ parabolas/ellipses (in standard form only), area between the two above said curves.
6. **Differential Equations:** Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, homogeneous differential equations of first order and first degree. Solutions of linear

differential equation of the type: $\frac{dy}{dx} + py = q$, where p and q are functions of x.

Unit-5: Vectors and Three-Dimensional Geometry

1. **Vectors:** Vectors and scalars, magnitude and direction of a vector. Direction cosines/ratios of vectors. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Scalar (dot) product of vectors, projection of a vector on a line. Vector (cross) product of vectors.
2. **Three-dimensional Geometry:** Direction cosines/ratios of a line joining two points. Cartesian and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes. (iii) a line and a plane. Distance of a point from a plane.

Unit-6: Linear Programming

Linear Programming: Introduction, definition of related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions, feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

Unit-7: Mathematical Reasoning

Mathematical Reasoning: Mathematically acceptable statements. Connecting words/ phrases - consolidating the understanding of "if and only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" and their use through variety of examples related to real life and Mathematics. Validating the statements involving the connecting words, difference between contradiction, converse and contrapositive.

Unit-8: Statistics & Probability

1. **Statistics:** Measures of central tendency, mean, median and mode from ungrouped/grouped data. Measures of dispersion, mean deviation, variance and standard deviation from ungrouped/grouped data. Correlation, regression lines.
2. **Probability:** Random experiments: outcomes, sample spaces (set representation). Events: occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events Axiomatic (set theoretic) probability, Probability of an event, probability of 'not', 'and' & 'or' events. Multiplication theorem on probability. Conditional probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean and variance of stochastic variable. Repeated independent (Bernoulli) trials and Binomial distribution.

Unit-9: Statics

Introduction, basic concepts and basic laws of mechanics, force, resultant of forces acting at a point, parallelogram law of forces, resolved parts of a force, Equilibrium of a particle under three concurrent forces. Triangle law of forces and its converse, Lami's theorem and its converse, Two Parallel forces, like and unlike parallel forces, couple and its moment.

Unit-10: Dynamics

Speed and velocity, average speed, instantaneous speed, acceleration and retardation, resultant of two velocities. Motion of a particle along a line, moving with constant acceleration. Motion under gravity. Laws of motion, Projectile motion.

AGRICULTURE

Unit-1: Agrometeorology, Genetics and Plant Breeding, Biochemistry and Microbiology

Agrometeorology: Elements of Weather-rainfall, temperature, humidity, wind velocity, Sunshine weather forecasting, climate change in relation to crop production.

Genetics & Plant Breeding : (a) Cell and its structure, cell division-mitosis and meiosis and their significance (b) Organisation of the genetic materials in chromosomes, DNA and RNA (c) Mendel's laws of inheritance. Reasons for the success of Mendel in his experiments, Absence of linkage in Mendel's experiments. (d) Quantitative inheritance, continuous and discontinuous variation in plants. (e) Monogenic and polygenic inheritance. (f) Role of Genetics in

Plant breeding, self and cross-pollinated crops, methods of breeding in field crops-introduction, selection, hybridization, mutation and polyploidy, tissue and cell culture. (g) Plant Biotechnology-definition and scope in crop production.

Biochemistry: pH and buffers, Classification and nomenclature of carbohydrates; proteins; lipids; vitamins and enzymes.

Microbiology: Microbial cell structure, Micro-organisms- Algae, Bacteria, Fungi, Actinomycetes, Protozoa and Viruses. Role of micro-organisms in respiration, fermentation and organic matter decomposition

Unit-2: Livestock Production

Scope and importance : (a) Importance of livestock in agriculture and industry, White revolution in India. (b) Important breeds Indian and exotic, distribution of cows, buffaloes and poultry in India.

Care and management : (a) Systems of cattle and poultry housing (b) Principles of feeding, feeding practices. (c) Balanced ration-definition and ingredients. (d) Management of calves, bullocks, pregnant and milch animals as well as chicks cackrels and layers, poultry. (e) Signs of sick animals, symptoms of common diseases in cattle and poultry, Rinderpest, black quarter, foot and mouth, mastitis and haemorrhagic septicaemia coccidiosis, Fowl pox and Ranikhet disease, their prevention and control.

Artificial Insemination : Reproductive organs, collection, dilution and preservation of semen and artificial insemination, **role of artificial insemination in cattle improvement. Livestock Products:** Processing and marketing of milk and Milk products.

Unit-3: Crop Production

Introduction : (a) Targets and achievements in foodgrain production in India since independence and its future projections, sustainable crop production, commercialization of agriculture and its scope in India. (b) Classification of field crops based on their utility-cereals, pulses, oils seeds, fibre, sugar and forage crops.

Soil, Soil fertility, Fertilizers and Manures: (a) Soil, soil pH, Soil texture, soil structure, soil organisms, soil tilth, soil fertility and soil health. (b) Essential plant nutrients, their functions and deficiency symptoms. (c) Soil types of India and their characteristics. (d) Organic manure, common fertilizers including straight, complex, fertilizer mixtures and biofertilizers; integrated nutrient management system.

Irrigation and Drainage: (a) Sources of irrigation (rain, canals, tanks, rivers, wells, tubewells). (b) Scheduling of irrigation based on critical stages of growth, time interval, soil moisture content and weather parameters. (c) Water requirement of crops. (d) Methods of irrigation and drainage. (e) Watershed management

Weed Control : Principles of weed control, methods of weed control (cultural, mechanical, chemical, biological and Integrated weed management).

Crops: Seed bed preparation, seed treatment, time and method of sowing/planting, seed rate; dose, method and time of fertilizer application, irrigation, interculture and weed control; common pests and diseases, caused by bacteria, fungi virus and nematode and their control, integrated pest management, harvesting, threshing, post harvest technology: storage, processing and marketing of major field crops-Rice, wheat, maize, sorghum, pearl millet, groundnut, mustard, pigeon-pea, gram, sugarcane, cotton and berseem.

Unit-4: Horticulture

- (a) Importance of fruits and vegetables in human diet, Crop diversification & processing Industry. (b) Orchard-location and layout, ornamental gardening and kitchen garden. (c) Planting system, training, pruning, intercropping, protection from frost and sunburn. (d) Trees, shrubs, climbers, annuals, perennials-definition and examples. Propagation by seed, cutting, budding, layering and grafting. (e) Cultivation practices, processing and marketing of: (i) Fruits - mango, papaya, banana, guava, citrus, grapes. (ii) Vegetables - Radish, carrot, potato, onion, cauliflower, brinjal, tomato, spinach and cabbage. (iii) Flowers - Gladiolus, canna, chrysanthemums, roses and marigold. (f) Principles and methods of fruit and vegetable preservation. (g) Preparation of jellies, jams, ketchup, chips and their packing.

Note: Besides above syllabi, any other question of scientific and educational importance may be asked.

UNIVERSITY-WISE, SUBJECT-WISE TENTATIVE NUMBER OF SEATS FOR UG ADMISSION FOR THE ACADEMIC SESSION 2014–2015

Sr. No.	Name of University	Agriculture						Horticulture					
		Gen	SC	ST	Total	PC	UPS	Gen	SC	ST	Total	PC	UPS
1.	AAU, Anand, Gujarat	18	3	2	23	1	1	6	1	1	8	0	0
2.	AAU, Jorhat, Assam	20	4	2	26	1	1						
3.	ANGRAU, Hyderabad, AP	72	14	7	93	3	2						
4.	BAU, Kanke, Ranchi, Jharkhand	6	1	1	8	0	0						
5.	BAU Sabour, Bhagalpur, Bihar	14	3	1	18	0	0	3	1	0	4	0	0
6.	BCKVV, Mohanpur, WB	12	2	1	15	1	0	4	1	0	5	0	0
7.	BHU, Varanasi, UP	9	3	1	13	1	0						
					+5(OBC)								
8.	CAU, Imphal, Manipur	6	2	1	9	1	0	3	1	1	5	0	0
					+4(OBC)						+ 2(OBC)		
9.	CCSHAU, Hisar, Haryana	14	3	1	18	1	0						
10.	CSAUA&T, Kanpur, UP	14	3	1	18	1	1	3	0	1	4	0	0
11.	CSKHPKV, Palampur, HP	4	1	0	5	0	0						
12.	Dr BSKKV, Dapoli, MS	15	3	1	19	1	1	11	2	1	14	1	0
13.	Dr PDKV, Akola, MS	61	12	6	79	2	2	4	1	0	5	0	0
14.	Dr YSPUH&F, Solan, HP							9	2	1	12	1	0
15.	Dr. YSR Horticultural Univ. Venkataramannagudem, AP							26	5	3	34	1	1
16.	GBPUA&T, Pantnagar, UK	30	6	3	39	1	1						
17.	IGKV, Raipur, CG	42	8	4	54	2	1						
18.	JAU, Junagadh, Gujarat	13	2	1	16	0	0						
19.	JNKVV, Jabalpur, MP	26	5	2	33	1	1						
20.	KAU, Thrissur, Kerala	25	5	2	32	1	1						
21.	MPKV, Rahuri, MS	59	11	6	76	2	2	4	1	0	5	0	0
22.	MPUA&T, Udaipur, Raj.	12	3	2	17	1	0	4	0	0	4	0	0
23.	MSKJUAT, Banda, UP	5	1	1	7	0	0	5	1	1	7	0	0
24.	Nagaland University, SASARD, Medziphema	5	1	1	7	0	0						
					+2(OBC)								
25.	NAU, Navsari, Gujarat	12	2	1	15	0	0	5	1	1	7	0	0
26.	NDUA&T, Faizabad, UP	14	3	1	18	0	0	7	1	1	9	1	0
27.	OUA&T, Bhubaneswar, Odisha	24	5	2	31	1	1	3	1	0	4	0	0
28.	PAU, Ludhiana, PB	12	2	1	15	0	0						
29.	PSBVB, Sriniketan (W.B.)	5	1	1	7	0	0						
					+2(OBC)								
30.	RAU, Pusa, Bihar	7	1	1	9	0	0						
31.	RVSKVV, Gwalior, MP	26	5	2	33	1	1	5	1	0	6	0	0
32.	SHIATS, Allahabad, UP	14	3	1	18	0	1	9	2	1	12	0	1
33.	SKDAU, Sardarkrushinagar, Gujarat	17	3	2	22	1	0	5	1	1	7	0	0
34.	SKNAU, Jobner, Raj.	23	5	2	30	1	1						
35.	SKRAU, Bikaner, Raj.	9	2	1	12	0	0						
36.	SKUAS&T of J, Jammu, J&K	6	1	1	8	0	0						
37.	SKUAS&T of K, Srinagar, J&K	6	1	1	8	0	0	3	0	0	3	0	0
38.	SVBPUA&T, Meerut, UP	14	3	1	18	1	0						
39.	TNAU, Coimbatore, TN	49	9	5	63	2	1	13	3	1	17	1	1
40.	UAS, Bangalore, Karnataka	47	9	4	60	2	1						
41.	UAS, Dharwad, Karnataka	48	9	5	62	2	1						
42.	UAS, Raichur, Karnataka	24	5	3	32	1	1						
43.	UBKVV, Cooch Behar, WB	6	1	1	8	0	0	2	0	0	2	0	0
44.	UHS, Bagalkot, Karnataka							41	8	4	53	2	2
45.	UUHF, Bharsar, UK							4	1	0	5	0	0
46.	VNMKV, Parbhani, MS	56	11	5	72	2	2	5	1	0	6	0	0
	Total	901	177	88	1179	35	24	184	36	18	240	7	5

Sr. No.	Name of University	Forestry						Fisheries					
		Gen	SC	ST	Total	PC	UPS	Gen	SC	ST	Total	PC	UPS
1.	AAU, Jorhat, Assam							4	1	1	6	0	0
2.	BAU, Ranchi, JD	4	0	0	4	0	0						
3.	CAU, Imphal, Manipur	2	1	0	3 +1 (OBC)	0	0	3	1	0	4 +1 (OBC)	0	1
4.	CKV, Anjora Durg, CG							3	1	1	5	0	0
5.	CSAUA&T, Kanpur, UP	3	1	0	4	0	0						
6.	Dr BSKKV, Dapoli, MS	3	1	1	5	0	0	4	1	1	6	0	0
7.	Dr PDKV, Akola, MS	4	1	0	5	0	0						
8.	Dr YSPUH&F, Solan, HP	6	1	1	8	1	0						
9.	GADVASU, Ludhiana, PB							3	0	0	3	0	0
10.	GBPUA&T, Pantnagar, UK							5	1	0	6	0	0
11.	JAU, Junagadh, Gujarat							7	1	1	9	0	0
12.	JNKVV, Jabalpur, MP	3	0	0	3 ^x	0	0						
13.	KAU, Thrissur, Kerala	3	1	1	5	0	0						
14.	KUFOS, Kochi, Kerala							5	1	1	7	1	0
15.	KVAFSU, Bidar, Karnataka							4	1	1	6 ⁺	1	0
16.	MAFSU, Nagpur, MS							7	2	1	10	1	0
17.	MPUA&T, Udaipur, Rajasthan	2	0	0	2	0	0	3	0	0	3	0	0
18.	NAU, Navsari, Gujarat	5	1	1	7	0	0						
19.	NDUA&T, Faizabad, UP							4	1	0	5	0	0
20.	OUA&T, Bhubaneswar, Orissa	3	1	0	4	0	0	3	0	0	3	0	0
21.	RAU, Pusa, Bihar							3	1	0	4	0	0
22.	SHIATS, Allahabad, UP	10	2	1	13	1	1						
23.	SKUAS&T(K), Srinagar, J&K	3	0	0	3	0	0	4	0	0	4	0	0
24.	SVV University, Tirupati, AP							4	1	0	5	0	1
25.	TNAU, Coimbatore, TN	5	1	1	7	1	0						
26.	TNV&ASU, Chennai, TN							5	1	0	6	0	0
27.	UAS, Dharwad, Karnataka	7	1	1	9	0	1						
28.	UUHF, Bharsar, UK	4	1	0	5	0	0						
29.	WBUA&FS, Kolkata, WB							3	1	0	4	0	0
Total		67	13	7	88	3	2	74	15	7	97	3	2

+ For PCMB

x **Candidate admitted provisionally to Forestry Course during counseling would have to pass the following Physical Fitness Test at the time of reporting for admission at the Agricultural University/College/Department :-**

- (1) **Height**
 - (i) Male (Gen., OBC, SC)=163 cm., ST= 152 cm.
 - (ii) Female (Gen., OBC, SC)=150 cm., ST= 145 cm.
- (2) **Chest girth**
 - (i) Male=79 cm. to 84 cm. (Minimum 5 cm. expansion)
 - (ii) Female =74 cm. to 79 cm (Minimum 5 cm. expansion)
- (3) **Physical Capacity for Fast Walking in four hours**
 - (i) Male = 25 Km (ii) Female = 14 Km

Note: The minimum height limit in case of Gorkhas, Garhwali, Kumaoni and people of Manipur, Tripura, Sikkim & Laddakh is fixed at 152.5 cm.

Sr. No.	Name of University	Home Science						Sericulture					
		Gen	SC	ST	Total	PC	UPS	Gen	SC	ST	Total	PC	UPS
1.	AAU, Jorhat, Assam.	5	1	1	7	0	0						
2.	ANGRAU, Hyderabad, AP	9	2	1	12	1	0						
3.	CAU, Imphal, Manipur	3	1	0	4	0	0						
					+1(OBC)								
4.	CCSHAU, Hisar, Haryana	9	2	1	12	1	1						
5.	CSAUA&T, Kanpur, UP	5	1	0	6	0	0						
6.	CSKHPKV, Palampur, HP	3	1	0	4	0	0						
7.	GBPUA&T, Pantnagar, UK	16	3	2	21	1	1						
8.	MPUA&T, Udaipur, Rajasthan	5	1	0	6	0	0						
9.	NDUA&T, Faizabad, UP	7	1	1	9	0	0						
10.	OUA&T, Bhubaneswar, Orissa	4	1	0	5	0	0						
11.	PAU, Ludhiana, PB	6	1	1	8	0	0						
12.	RAU, Pusa, Bihar	3	1	0	4	0	0						
13.	SHIATS, Allahabad, UP	7	1	1	9	0	0						
14.	SKDAU, Sardarkrushinagar, Gujarat	7	1	1	9	1	0						
15.	SKRAU, Bikaner, Rajasthan	5	1	0	6	0	0						
16.	SKUAS&T(K), Srinagar, J&K							1	0	0	1	0	0
17.	TNAU, Coimbatore, TN	5	1	1	7	0	0	4	1	0	5	0	0
18.	UAS, Bangalore, Karnataka							6	1	1	8	1	1
19.	UAS, Dharwad, Karnataka	12	2	1	15	1	1						
20.	VNMKV, Parbhani, MS	5	1	0	6	0	0						
	Total	116	23	11	151	5	3	11	2	1	14	1	1

Sr. No.	Name of University	Agricultural Engineering						Dairy Technology					
		Gen	SC	ST	Total	PC	UPS	Gen	SC	ST	Total	PC	UPS
1.	AAU, Anand, Gujarat	4	1	0	5	0	0	5	1	1	7	0	0
2.	ANGRAU, Hyderabad, AP	17	3	2	22	1	1						
3.	BAU Sabour, Bhagalpur, Bihar							4	0	0	4	0	0
4.	BCKVV, Mohanpur, WB	3	1	0	4	0	0						
5.	CAU, Imphal, Manipur	3	1	1	5	0	0						
					+2 (OBC)								
6.	CCSHAU, Hisar, Haryana	7	1	1	9	1	0						
7.	CKV, Anjora, Durg, CG							4	1	0	5	0	0
8.	CSAUA&T, Kanpur, UP	4	1	1	6	0	0						
9.	Dr BSKKV, Dapoli, MS	7	2	1	10	0	1						
10.	Dr PDKV, Akola, MS	6	1	1	8	0	0						
11.	GADVASU, Ludhiana, PB							4	0	0	4	0	0
12.	GBPUA&T, Pantnagar, UK	7	1	1	9	1	0						
13.	IGKV, Raipur, CG	6	1	0	7	0	0						
14.	JAU, Junagadh, Gujarat	8	2	0	10	0	0						
15.	JNKVV, Jabalpur, MP	7	1	1	9	1	0						
16.	KAU, Thrissur, Kerala	6	1	0	7	0	0						
17.	KVAFSU, Bidar, Karnataka							4	1	0	5	0	0
18.	KVASU, Pookode, Wayanad							4	1	1	6	0	0
19.	MAFSU, Nagpur, MS							7	2	1	10	1	1
20.	MPKV, Rahuri, MS	7	2	1	10	0	1						
21.	MPUA&T, Udaipur, Raj.	7	1	0	8	0	0	4	1	0	5	0	0
22.	NDRI, Karnal, Haryana							15	5	2	22	1	1
											+ 8 (OBC)		
23.	NDUA&T, Faizabad, UP	7	1	1	9	1	0						
24.	OUA&T, Bhubaneswar, Orissa	4	1	0	5	0	0						
25.	PAU, Ludhiana, PB	7	1	0	8	0	0						
26.	RAU, Pusa, Bihar	3	1	0	4	0	0						
27.	SHIATS, Allahabad, UP	21	4	2	27*	1	1	7	1	1	9	1	0
28.	SKDAU, Sardarkrushinagar, Gujarat	6	1	0	7*	0	0	7	1	1	9*	0	0
29.	SKUAS&T (K), Srinagar, J&K	1	0	0	1	0	0						
30.	SVV University, Tirupati, AP							6	1	1	8	0	0
31.	TNAU, Coimbatore, TN	8	2	1	11	0	1						
32.	UAS, Bangalore, Karnataka	6	2	1	9	0	0						
33.	UAS, Raichur, Karnataka	7	1	1	9	1	0						
34.	UBKV, Cooch Behar, WB	2	0	0	2	0	0						
35.	VNMKV, Parbhani, MS	7	1	1	9	0	0						
36.	WBUA&FS, Kolkata, WB							3	1	0	4	0	0
Total		178	35	17	232	7	5	74	16	8	106	3	2

* Dairy & Food Technology

+ 9 seats for B.Tech. Water Resource Engineering

× B. Tech. (RE & EE)

Sr. No.	Name of University	Food Science						Agri. Mktg. & Coop.					
		Gen	SC	ST	Total	PC	UPS	Gen	SC	ST	Total	PC	UPS
1.	AAU, Anand, Gujarat	3	1	1	5*	0	0	5	0	0	5*	0	0
2.	ANGRAU, Hyderabad, AP	11	2	1	14***	1	0	6	2	1	9**	0	0
3.	CAU, Imphal, Manipur	2	0	0	2	0	0						
					+1 (OBC)								
4.	GBPUA&T, Pantnagar, UK	9	2	1	12	1	1						
5.	KAU, Thrissur, Kerala	4	1	0	5c	0	0	5	1	0	6*	0	0
6.	MPUA&T, Udaipur, Rajasthan	3	1	0	4	0	0						
7.	PAU, Ludhiana, Punjab	6	1	1	8	0	0						
8.	SHIATS, Allahabad, UP	18	3	2	23 ^b	1	1						
9.	SKDAU, SK Nagar, Gujarat	4	1	0	5*	0	0						
10.	UAS, Bangalore, Karnataka	6	2	1	9	0	0	7	1	1	9 ⁼	1	0
11.	UAS, Dharwad, Karnataka	4	0	0	4 ⁼	0	0	9	2	1	12 ^a	0	1
12.	VNMKV, Parbhani, MS	7	1	1	9@	0	0						
Total		77	15	8	101	3	2	32	6	3	41	1	1

+ B.Sc. (Cooperation & Banking) for PCB/PCM

++ B.Sc. (Commercial Agriculture and Business Management) (3 for PCB. and 3 for PCM)

* Food Processing Technology.

× Agril. Information Technology.

= B.Sc. (Ag. Mktg & Cop.) for PCM/ PCB

+++ Available 7 seats for PCB Stream & 8 seats for PCM.

^a For PCB

^b B. Tech. Food Tech = 14, B.Sc. (Hons.) Food Tech.= 9 for PCM/PCB

- B.Sc. Food Quality Assurance for PCB/ PCMB

c B. Tech Food Engg.

@ B.Tech. (Food Tech.) for PCMB with English

Sr. No.	Name of University	Biotechnology					
		Gen	SC	ST	Total	PC	UPS
1.	Dr. YSPUH&F, Solan, HP	3	0	0	3*	0	0
2.	MPUA&T, Udaipur, Rajasthan	4	1	0	5**	0	0
3.	PAU, Ludhiana, Punjab	6	1	1	8*	0	0
4.	RAU, Pusa, Bihar	4	1	0	5	0	0
5.	SVBPUA&T, Meerut, UP	13	3	2	18 ^x	1	1
6.	SKDAU, SK Nagar, Gujrat	4	1	0	5	0	0
7.	SKUAST of J, Jammu, J&K	4	1	0	5	0	0
8.	TNAU, Coimbatore, TN	6	1	1	8	1	0
9.	UAS Bangalore, Karnataka	7	1	1	9*	0	1
10.	VNMKV, Parbhani, MS	5	1	0	6	0	0
Total		56	11	5	72	2	2

× B. Tech (Biotechnology) for PCM/PCB

+ B.Sc.(Agri Biotech) for PCB

- B.Sc. (Hons.) Biotech. for PCB/ PCM

++ For PCB

- NOTE:**
- The number of seats given above are indicative only. Exact number of seats would be as finalized by the Agricultural University.
 - Reservation of seats for OBC would be as per Government of India directives and as per seat positions communicated by the Universities before counseling. Seats reserved for OBC will be applicable to Central Government Institutions for Higher Education namely, NDRI Karnal, BHU Varanasi, CAU Imphal, Nagaland University, SASARD, Medziphema and Visva Bharati, (PSB, VB) Shantiniketan Universities.
 - The seats reserved for PC/UPS categories will be provided to the candidates against the categories, i.e. Gen/SC/ST/OBC to which they belong.

AUTHORITY LETTER AND UNDERTAKING FOR AUTHORISED REPRESENTATIVE FOR PARTICIPATION IN COUNSELING ON BEHALF OF CANDIDATE

AUTHORITY LETTER

I.....Son/Daughter of Shri
bearing Roll No.....do hereby authorize Shri/Mrs/Miss.....
Son/Wife/Daughter of Shri.....Resident of.....
.....
to represent me on.....(date) before the Committee for allotment of a seat in University / Institute. The
signature and Photograph of above named person.....are attested below:

Colored
Photograph
of the
Candidate same as
pasted on
Application Form

Attested by the
Principal/Head of
school / college last
attended or current
Institution or by a
Gazetted Officer
(With full address of
Attesting Authority)

Name :.....
Roll No. :.....
Merit Rank :.....
Address :.....
.....
.....

Colored
Photograph
of the
Representative

Photograph of
representative
Attested by the
Gazetted Officer

(Signature of the authorized representative)
.....
(Attested by the Candidate)

I.....son/daughter of Shri.....
. aged.....yearsmonth bearing Roll No. placed at Overall Merit-Rank
(in ICAR's All India Entrance Examination–UG-2014) do hereby solemnly affirm and undertake that the decision of
my authorized representative Shri/Mrs./Miss.....Son/Daughter/Wife of Shri
..... regarding allotment of seat in the University/Institute etc. on the date of
ICAR Counseling/personal appearance (.....) shall be binding on me and I shall not have any claim
whatsoever, other than the decision taken by my authorized representative on my behalf.

.....
(Signature of the candidate)

Name :.....
Roll No. :.....
Rank No.:.....

Note : Any authorized representative
cannot represent more than two candidates.

SCHEDULED CASTE/ TRIBE CERTIFICATE-FORMAT

Format of certificate to be produced by the candidate belonging to SC / ST in support of reservation claim

CASTE CERTIFICATE

1. This is to certify that Shri/ Smt/ Kumari..... son/daughter of..... of village/town..... in district/Division of State/Union Territory..... belongs to the Caste/Tribe which is recognized as SC/ST under the Constitution (Scheduled Caste) Order, 1950; the Constitution (Scheduled Tribe) Order, 1950; the Constitution (Scheduled Caste) Union Territories Order, 1951; the Constitution (Scheduled Tribes) Union Territories Order, 1951, as amended by the SCs and STs List (Modification) Order, 1950; the Bombay Reorganization Act, 1960; the Punjab Reorganization Act, 1966; the State of HP Act, 1970; the North Eastern Areas (Reorganization) Act, 1971 and the SCs and STs Order (Amendment) Act, 1976; the Constitution (Jammu & Kashmir) SC Order, 1956; the Constitution (Andaman & Nicobar islands) SC Order 1959 as amended by SCs and STs Order (Amendment) Act, 1976; the Constitution (Dadra and Nagar Haveli) SCs Order, 1962; the Constitution (Dadra and Nagar Haveli) STs Order, 1962; the Constitution (Pondicherry) SCs Order, 1964; the Constitution Scheduled Tribes (Uttar Pradesh) Order, 1967; the Constitution (Goa, Daman & Diu) SCs Order, 1968; the Constitution (Nagaland) STs Order, 1970; the Constitution (Sikkim) SCs Order, 1968 or any such Govt. of India directive applicable at the time of counseling.
2. Applicable in the case of SC/ST persons who have migrated from State/Union Territory Administration to another State/Union Territory. The certificate is issued on the basis of the SC/ST certificate to Shri/Smt. father/mother of Shri/Smt/Kumari..... of village/town..... in district/division..... of the State/Union Territory who belongs to the Scheduled Caste/Scheduled Tribe in the State/ Union Territory issued by the (name of the prescribed authority) vide their No dated.....
3. Shri/Smt/Kumari..... and/or his/her family ordinarily reside(s) in village/town..... of district..... of State/Union Territory of

Signature

Designation (with seal of office)

Place (State/Union Territory)

Date

*Please delete the words which are not applicable. Please quote the specific Presidential Order.

NOTE: The term "Ordinarily reside(s)" used here will have the same meaning as in Section 20 of the Representation of the People's Act, 1950.

Authorities empowered to issue SC/ST certificates

1. District Magistrate/Additional District Magistrate/Deputy Commissioner/Additional Deputy Commissioner/ Deputy Collector/First Class Stipendiary Magistrate/City Magistrate/Sub-divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner not below the rank of First Class Stipendiary Magistrate.
2. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate
3. Revenue Officers, not below the rank of Tehsildar
4. Sub-divisional Officer of the area where the candidate and/or his family normally resides
5. Administrator/Secretary to Administrator/Development Officer (Lakshadweep Islands)

CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri/Smt./Kum.Son/Daughter of Shri/Smt.
..... of Village/Town.....District/Division
.....in the State belongs to the
.....Community which is recognized as a backward class under:

- (i) Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No.186 dated 13/09/93.
- (ii) Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.
- (iii) Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.
- (iv) Resolution No. 12011/96/94-BCC dated 9/03/96.
- (v) Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96.
- (vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- (vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- (viii) Resolution No. 12011/68/98-BCC dated 27/10/99.
- (ix) Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- (x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- (xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- (xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- (xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- (xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- (xv) Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.
- (xvi) Resolution no. 12011/14/2004-BCC dated the 12th March, 2007, published in the Gazette of India-Extraordinary-Part I, Section 0-I, No.67 dated 12th January, 2007.

Shri/Smt./Kum.and/or his family ordinarily reside(s) in the ...
.....District/Division ofState. This is also to certify that
he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the
Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which
is modified vide OM No. 36033/1/2013 Estt.(Res.) dated 27th May, 2013..

Dated:

District Magistrate/
Deputy Commissioner, etc.
Seal

NOTE:

- (a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
 - (b) The authorities competent to issue Caste Certificates are indicated below:
 - (i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1st Class Stipendiary Magistrate).
 - (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
 - (iii) Revenue Officer not below the rank of Tehsildar' and
 - (iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.
-

Declaration/Undertaking - For OBC Candidates only

I,son/daughter of Shri.....resident of village/town/city..... districtState hereby declare that I belong to the..... community which is recognised as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt.(SCT), dated 8/9/1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified vide Department of Personnel and Training Office Memorandum No. 36033/1/2013 Estt.(Res.) dated 27th May, 2013.

Signature of the Candidate

Place:

Date:

- **Declaration/undertaking not signed by Candidate will be rejected.**
- **False declaration will render the applicant liable for termination of registration at any time**

Creamy Layer Definition

OBC Creamy layer is defined comprehensively at <http://ncbc.nic.in/html/creamyayer.html>

All candidates for the OBC reserved seats should make sure that they do not satisfy any of the creamy layer criteria as listed in the website. Some general exclusion for quick reference (no way comprehensive) are as follows.

1. Any of the parents holds a constitutional position in Govt. of India.
2. Any one of the parents is a Class I officer.
3. Both the parents are Class II officers.
4. Any one of the parents is employed in an equivalent rank to Class I officer or both parents equivalent to Class II officer in a public sector, insurance companies, banks, universities or in other organizations.
5. Land holdings on irrigated land is 85% or more of the statutory ceiling area.
6. Parents income is more than ₹ 6 Lakhs per year or Government of India directives applicable at the time of counseling.

EXAMINATION CITY CENTRES AND NODAL OFFICERS' CONTACT ADDRESSES

Examination City Center (Code No.)	Name of Examination City Center	Contact Phone No. of Nodal Officer	Address of Nodal Officers
01	Anand	02692-271602	Director, National Research Centre for Medicinal & Aromatic Plants, Boriavi, Anand-387 310. Gujarat
02	Bengaluru	080-28466353	Indian Institute of Horticultural Research, Hessaraghatta Lake, Bangalore-560 089. Karnataka
04	Bhubaneswar	0674-2300060	Director, Water Technology Centre for Eastern Region, Chandrasekharpur, Bhubaneswar-751 023. Odisha.
06	Bikaner	0151-2250147	Director, Central Institute for Arid Horticulture, 10th Mile Stone, SriGanganagar Highway, Beechwal Industrial, Bikaner-334 006. Rajasthan.
07	Chennai	044-24610565	Director, Central Institute of Brackish Water Aquaculture, R.A. Puram, Chennai-600 028. TN
08	Cochin	0484-2394867	Director, Central Marine Fisheries Research Institute, Ernakulam North, Cochin-682 018. Kerala
09	Coimbatore	0442-2472986	Director, Sugarcane Breeding Institute, Coimbatore-641 007. TN
10	Delhi	011-25843382	Dean & Joint Director (Edu.) Indian Agricultural Research Institute, Pusa, New Delhi-110 012
11	Dharwad	0836-2792180	Registrar, University of Agricultural Sciences, Dharwad-580005. Karnataka.
12	Gangtok	03592-231030	Joint Director, ICAR Research Complex to NEH, Tadong, Gangtok-737 102. Sikkim
13	Guwahati	0361-2337700	Dean, College of Veterinary Science, Khanapara, Guwahati. Assam
14	Hisar	01662-275787	Director, National Research Centre on Equines, Hisar-125 001. Haryana
15	Hyderabad	040-24581322	Joint Director, National Academy of Agricultural Research Management, Rajendranagar, Hyderabad-500 030. AP
16	Imphal	0385-241644	Registrar, Central Agricultural University, Imphal. Manipur
17	Jaipur	0141 2550229	Director, Zonal Directorate (Research) Agril. Research Station, Durgapura, Jaipur-302 018 (Raj.)
18	Indore	0731-2476188	Director, National Research Centre for Soybean, Khandwa Road, Indore-452 017, Madhya Pradesh
19	Jabalpur	0761-2353138	Director, National Research Centre for Weed Science, Adhartal, Jabalpur-482 004
20	Jammu	0191-2262012	Dean, College of Agriculture, SKUAS&T, Jammu, Jammu and Kashmir
21	Karnal	0184-2252800	Registrar (Academic), NDRI, Karnal, Haryana
22	Kolkata	033- 4212115	Director, NIRJAFT, 12 Regent Park, Kolkata-700 040. West Bengal
23	Kota	0744-2462642	Head, Central Soil & Water Conservation Research and Training Institute Research Centre, Dadwara, Kota-324 002. Rajasthan
24	Lucknow	0522-2480726	Director, Indian Institute of Sugarcane Research, Lucknow-226 002. UP
25	Ludhiana	0161-2308669	Director, Central Institute of Post Harvest Engg. & Technology, P.O. PAU, Ludhiana-141 004. Punjab
26	Mannuthy	0487-2370344	Dean, Veterinary College, KAU, Mannuthy. Kerala
27	Mohanpur	033-25878338	Dean, Faculty of Agriculture, BCKV, Mohanpur, P.O. Krishi Vishwa Vidyalaya, Distt. Nadia-741252, WB
29	Nagpur	07103-275536	Director, Central Institute for Cotton Research, Nagpur-440 010. Maharashtra
30	Palampur	01894-230408	Dean, PGS, CSKHPKV, Palampur. Himachal Pradesh
31	Pantnagar	05944-233407	Co-ordination of Admission, GBPUA&T, Pantnagar, Distt. Udham Singh Nagar-263145. Uttarakhand
32	Patna	0612- 2228882	Director, ICAR Research Complex for Eastern Region, ICAR Parisar, P.O. Bihar Veterinary College, Patna- 800 014. Bihar
33	Port Blair	03192-250436	Director, Central Agricultural Research Institute, Port Blair-744 101. A&N.
34	Pune	020-25538489	Dean /Associate Dean, College of Agriculture, Shivajinagar, Pune-5, (Maharashtra)

Examination City Center (Code No.)	Name of Examination City Center	Contact Phone No. of Nodal Officer	Address of Nodal Officers
35	Pusa (Bihar)	06274-240239	Registrar, Rajendra Agricultural University, Pusa (Samastipur)-848125. Bihar
36	Raipur	0771-2442491	Dean, College of Agriculture, IGKV, Raipur. Chhattisgarh
37	Ranchi	0651-2261156	Director, Indian Institute of Natural Resins & Gums, Namkum, Ranchi-834 010. Jharkhand.
38	Shillong	0364-2570257	Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, (Ri-Bhoi)-793103. Meghalaya
39	Solan	01792-252219	Registrar, Dr. YSPUH&F, Nauni, Solan. Himachal Pradesh
40	Srinagar (Kashmir)	0194-2305044	Director, Central Institute of Temperate Horticulture, Old Air Field, Rangreth, Srinagar-190 007. J&K
41	Tirupati	0877-2249220	Controller of Examination, Sri Venkateswara Veterinary University, Dr. Y.S.R. Bhavan, Tirupati-517 502. AP
42	Thiruvananthapuram	0471-2598431	Director, Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram – 695 017 Kerala
43	Udaipur	0294-2418976	Dean, Rajasthan College of Agriculture, Udaipur-313001. Rajasthan.
44	Varanasi	0542-2635236	Director, Indian Institute of Vegetable Research, Varanasi-221 005. UP
45	Mathura	0565-2471706	Controller of Examination, UP Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya Evam Go Anusandhan Sansthan, Mathura-281001 UP
46	Bareilly	0581-2301584	Head, Division of Animal Biotechnology, Indian Veterinary Research Institute, Izatnagar, Bareilly-243122 UP
47	Jodhpur	0291-2786584	Director, Central Arid Zone Research Institute, Jodhpur-342003, Rajasthan
48	Kozhikode	0496-2249371	Principal Scientist (Dr. T.K. Jacob), IISR, Experimental Farm, Peruvannamuzhi P.O., Kozhikode-673528 Kerala
49	Parbhani	02452-233007	Associate Dean & Principal, College of Agriculture, VNMKV, Parbhani-431402 Maharashtra

NOTE:

1. The exact name/location of Examination venue in the Examination city centre will be notified later along with the Roll Number in accordance with the Application Number and Date of Birth and shall be available on ICAR website **www.icar.org.in** last week of March 2014 or it can be seen with the above Nodal Officers two days before the examination date.
2. ICAR may change/shift the examination city center if number of candidates is more/less at any city center opted by the candidate.

DOMICILE STATE CODES

Sl. No.	Name of the State/UT	Code Number
1.	Andaman & Nicobar Islands (U.T.)	01
2.	Andhra Pradesh	02
3.	Arunachal Pradesh	03
4.	Assam	04
5.	Bihar	05
6.	Chandigarh (U.T.)	06
7.	Chhattisgarh	07
8.	Dadra & Nagar Haveli (U.T.)	08
9.	Daman & Diu (U.T.)	09
10.	Delhi (U.T.)	10
11.	Goa	11
12.	Gujarat	12
13.	Haryana	13
14.	Himachal Pradesh	14
15.	Jammu & Kashmir	15
16.	Jharkhand	16
17.	Karnataka	17
18.	Kerala	18
19.	Lakshadweep (U.T.)	19
20.	Madhya Pradesh	20
21.	Maharashtra	21
22.	Manipur	22
23.	Meghalaya	23
24.	Mizoram	24
25.	Nagaland	25
26.	Odisha	26
27.	Puducherry (U.T.)	27
28.	Punjab	28
29.	Rajasthan	29
30.	Sikkim	30
31.	Tamil Nadu	31
32.	Tripura	32
33.	Uttarakhand	33
34.	Uttar Pradesh	34
35.	West Bengal	35
36.	Others (if any)	36

NUMERIC CODES FOR CLASS XII SCHOOL EDUCATION BOARDS/COUNCIL

S.No.	Education Boards/Council	Code
1.	Andhra Pradesh Board of Intermediate Education	01
2.	Assam Higher Secondary Education Council	02
3.	Bihar Intermediate Education Council	03
4.	Central Board of Secondary Education	04
5.	Chhatisgarh Madhyamik Shiksha Mandal	05
6.	Council for the Indian School Certificate Examinations	06
7.	Goa Board of Secondary and Higher Secondary Education	07
8.	Gujarat Secondary Education Board	08
9.	Haryana Board of School Education	09
10.	H.P. Board of School Education	10
11.	J&K State Board of School Education	11
12.	Jharkhand Academic Council	12
13.	Karnataka Board of School Education	13
14.	Kerala Board of Public Examinations	14
15.	Madhya Pradesh Board of Secondary Education	15
16.	Maharashtra State Board of Secondary and Higher Secondary Education	16
17.	Manipur Council of Higher Secondary Education	17
18.	Meghalaya Board of Secondary Education	18
19.	Mizoram Board of School Education	19
20.	Nagaland Board of School Education	20
21.	Orissa Council of Higher Secondary Education	21
22.	Punjab School Education Board	22
23.	Rajasthan Board of Secondary Education	23
24.	Tamil Nadu Board of Higher Secondary Education	24
25.	Tripura Board of Secondary Education	25
26.	U.P. Board of High School & Intermediate Education	26
27.	Uttarakhand Board of High School & Intermediate Education	27
28.	West Bengal Council of Higher Secondary Education	28
29.	National Open School	29
30.	Other Boards (Not specified above)	30

Note: In case any particular Board is not recognized or has been derecognized by some University, ICAR will not be responsible for admitting students of that Board in the Universities not willing to admit such candidates.

**UNIVERSITIES FOR ADMISSION IN BACHELOR DEGREE PROGRAMMES IN
AGRICULTURE AND ALLIED SCIENCE SUBJECTS THROUGH
AIEEA-UG-2014, ADDRESSES AND CONTACT NUMBERS**

Sr. No.	Name & Address of University	Tel. No. of Registrar with STD code	Fax No. of Registrar
1.	Acharya N.G. Ranga Agricultural University, Rajendranagar, Hyderabad-500 030 (A. P.)	040-24015 122	040-24018653
2.	Anand Agricultural University, Anand-388 110 (Gujarat)	02692-261310	02692-261310
3.	Assam Agricultural University, Jorhat-785 013 (Assam)	0376-2340 008	0376-2340 001
4.	Bidhan Chandra Krishi, Viswavidyalaya, Mohanpur, Nadia-741 252 (West Bengal)	033-25878 163	03473-222 277
5.	Bihar Agricultural University, Sabour, Distt. Bhagalpur-813210. Bihar.	0641-2452614	0641-2452604
6.	Birsa Agricultural University, Kanke, Ranchi-834 006 (Jharkhand)	0651-2450 832	0651-2450 832
7.	Ch. Sarwan Kumar Himachal Pradesh Krishi VishvaVidyalaya, Palampur-176 062 (H. P.)	01894-230 383	01894-230 511
8.	C.S. Azad University of Agri. & Technology, Kanpur-208 002 (U. P.)	0512-2533 704	0512-2533 808
9.	Ch. Charan Singh Haryana Agricultural University, Hisar-125 004 (Haryana)	01662-234 613	01662-284304
10.	Chhattisgarh Kamdhenu Vishwavidyalaya, Anjora, Durg-491 001 (C.G.)	0771-2103471	0771-4223614
11.	Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Distt. Ratnagiri-415 712 (Maharashtra)	02358-282 065	02358-283065
12.	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Krushinagar, Akola-444 104 (Maharashtra)	0724-2258 372	0724-2258 372
13.	Dr. Yashwant Singh Parmar Univ. of Horticulture & Forestry, Solan, Nauni-173 230 (H. P.)	01792-252 219	01792-252 009
14.	Dr. YSR Horticultural University, Venkataramannagudem, West Godavari-534 101 (A.P.)	07382-633678	07382-633678
15.	G.B. Pant University of Agri. & Technology, Pantnagar, Distt. Udham Singh Nagar-263 145 (Uttarakhand)	05944-233 640	05944-233640
16.	Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana-141 004 (Punjab)	0161-2553 343	0161-2553342
17.	Indira Gandhi Krishi Vishwavidyalaya, Krishak Nagar, Raipur-492 012 (Chhattisgarh)	0771-2442 537	0771-2442302 0771-2443939
18.	Jawaharlal Nehru Krishi Viswa Vidyalaya, Adhartal, Jabalpur-482 004 (M. P.)	0761-2681 778	0761-2681 778
19.	Junagadh Agricultural University, Junagadh-362 001 (Gujarat)	0285-2672 346	0285-2672 482
20.	Karnataka Veterinary Animal & Fisheries Sciences University, Bidar. (Karnataka)	08482-245 241	08482-245 360
21.	Kerala Agricultural University, Vellanikara, Thrissur-680 656 (Kerala)	0487-2438011	0487-2371619
22.	Kerala Veterinary & Animal Sciences University, Pookot Wayanad -673576 (Kerala)	0487-2373644	0487-2373043
23.	Kerala University of Fisheries & Ocean Studies, Panangad P.O., Kochi - 682506, (Kerala)	0484-2703782	0484-2700337
24.	Maharana Pratap University of Agriculture & Technology, Udaipur-313 001 (Rajasthan)	0294-2471302	0294-2471302
25.	Maharashtra Animal Science & Fishery University, Seminary Hills, Nagpur-440 006 (Maharashtra)	0712-2511784/85	0712-2511282
26.	Mahatma Phule Krishi Vidyapeeth, Rahuri-413 722 (Maharashtra)	02426-243 216	02426-243 216
27.	Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani-431 402 (Maharashtra)	02452-229 755	02452-229 755
28.	Manyavar Shri Kanchiram Ji University of Agriculture & Technology Banda-210001 (U. P.)	05192-221602	05192-221605
29.	Narendra Deva University of Agri. and Technology, Kumarganj, Faizabad-224 229 (U. P.)	05270-262035	05270-262104

Sr. No.	Name & Address of University	Tel. No. of Registrar with STD code	Fax No. of Registrar
30.	National Dairy Research Institute, Karnal-132 001 (Haryana)	0184-2272392	0184-2272392
31.	Navsari Agricultural University, Eru Char Rasta, Navsari-396 450 (Gujarat)	02637-282 823	02637-283794
32.	Orissa University of Agriculture & Technology, Bhubaneswar-751 003 (Odisha)	0674-2397424	0674-2397424
33.	Punjab Agricultural University, Ludhiana-141 004 (Punjab)	0161-2400 955	0161-2400 955
34.	Rajendra Agricultural University, Pusa, Samastipur-848 125 (Bihar)	06274-240239	06274-240277
35.	Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Race Course Road, Gwalior-474 002 (M.P.)	0751-2467066	0751-2467066
36.	Sardar Vallabh Bhai Patel Univ. of Agriculture & Technology, Modipuram, Meerut-250 110 (U. P.)	0121-2888502	0121-2888525
37.	Sardarkrushinagar-Dantiwada Agricultural University, Sardarkrushinagar, Distt. Banaskantha-385 506(Gujarat)	02748-278 226	02748-278234
38.	Sher-E-Kashmir University of Agricultural Sciences & Technology, Jammu-180 012 (J&K)	0191-2262012	0191-2262012
39.	Sher-E-Kashmir Univ. of Agril. Sciences & Technology of Kashmir, Shalimar Campus, Srinagar-191 121 (J&K)	0194-2461271	0194-2461271
40.	Sri Venkateswara Veterinary University Tirupati, Chittoor-517 502 (A. P.)	0877-224 8894	0877-2248881
41.	Swami Keshwanand Rajasthan Agricultural University, Bikaner-334 006 (Rajasthan)	0151-2250025	0151-2250025
42.	Tamil Nadu Agricultural University, Coimbatore-641 003 (TN)	0422-6611201	0422-2431821
43.	Tamil Nadu Fisheries University, Nagapattinam, Camp Office, Madras Veterinary College, Vepery, Chennai-600007 (Tamil Nadu)	09442551957	09486553374
44.	Tamil Nadu Veterinary & Animal Sciences University, Chennai-600 051 (Tamil Nadu)	044-25551 584	044-25551585
45.	University of Agricultural Sciences, Dharwad-580 005 (Karnataka)	0836-2747958	0836-2745276
46.	University of Agricultural Sciences, GKVK, Bangalore-560 065 (Karnataka)	080-23330 984	080-23330277
47.	University of Agricultural and Horticultural Sciences, Shimoga (Karnataka)	08182-270705	08182-2777295 08182-279263
48.	University of Agricultural Sciences, Raichur-584102. (Karnataka)	08532-220157	08532-220360
49.	University of Horticultural Sciences, Sector No. 60, Navanagar, Bagalkot-587102. (Karnataka).	08354-201354	08354-235152
50.	Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal (Uttarakhand)	08476004113	01376-252128
51.	Uttar Banga Krishi Viswavidyalaya, PO Pundibari, Dist. Cooch Behar-736 165 (West Bengal)	03582-270 588	03582-270 143
52.	West Bengal University of Animal & Fishery Sciences, 68 KB Sarani, Kolkata-700 037 (West Bengal)	033-25563123	033-270249
53.	Central Agricultural University, PO Box 23, Imphal-795 004 (Manipur)	0385-2415196	0385-2412944
54.	Banaras Hindu University (Institute of Agricultural Sciences)Varanasi-221 005 (UP)	0542-2368 558	0542-2369425
55.	Nagaland University, School of Agricultural Sciences & Rural Development(SASARD), Medziphema-797 106 (Nagaland)	03862-247255	03862-274113
56.	Visva Bharati, (Palli Siksha Bhavana), P.O. Srineketan-731 236, Birbhum (W.B.)	03463-261531 03463-264779	03463-261156
57.	Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS) (Deemed-to-be-University), Naini, Allahabad-211 007. (U.P.)	0532-2684281	0532-2684 394
58.	SKN, Agriculture University, Jobner-303329, Distt. Jaipur (Rajasthan)	01425-254022	01425-254022

DETAILED INSTRUCTIONS FOR FILLING OMR APPLICATION FORM

Candidates are advised to note the following instructions carefully while filling and submitting the OMR Application Form. Any mistake committed in filling the form, cannot be corrected later and ICAR will have no responsibility of any kind for such incorrectly filled forms. Candidates are advised to keep a photocopy of the filled-in Application and the Post Office Registry/Speed Post receipt of posting the form for future correspondence, if any.

- (i) **Please ensure that you satisfy the eligibility requirements in toto as contained at item 3.0 in the Information Bulletin for appearing in the examination/admission. In the event of rejection of the application, the application fee paid shall not be refunded.**
- (ii) It should be carefully noted by the candidate that who has been punished at any time in his/her earlier academic career for having taken part in the activities of indiscipline or use of unfair means in any of the examination, shall not be eligible for admission. In case, he/she secures admission by concealing any of the facts on these points or through oversight by the Counseling Committee, the admission is liable to be cancelled as and when it is detected.
- (iii) Fill-in both sides of the Application Form with black/blue ball-point pen in his/ her own neat handwriting-all in plain capital letters (do not use cursive writing).

It is suggested that the Application Form may be filled-in by a light pencil first and then checked thoroughly for correctness. When satisfied with the correctness of form-details, black/blue ball-point pen will be used. Stray pencil marks, if any, should be completely erased. If any mistake is noticed by you afterwards, you may apply correcting white fluid on the mistakes, allow it to dry, and then make corrections by black/blue ball-point pen.

- (iv) Do not wrinkle/ fold/ tear/ staple the OMR application. Overwriting, cutting, damaging the form etc. may lead to rejection of the application. Entire responsibility for such rejections shall lie with the candidate.
- (v) Application, Admit Card (Office Copy) and Acknowledgement Card duly filled-in, should be submitted at the following address by Registered/Speed Post or may be deposited personally on any working day between 10.00 A.M. to 5.00 P.M.:

Controller of Examinations (Education)

Exam. Cell, Education Division

Indian Council of Agricultural Research

**Room No. 216, Krishi Anusandhan Bhavan-II Pusa,
New Delhi-110 012**

- (vi) **Some important relevant dates are given below:**
 - (a) Last date for purchase of Information Bulletin with Application Form by depositing cash through

Challan from branches of Syndicate Bank counters or specified ICAR Institutes through DDs.

07 February 2014

- (b) Last date for purchase of Information Bulletins/ Application Forms from offices of the Registrars of State Agricultural Universities by depositing cash only.

07 February 2014

- (c) Last date of receipt of filled-in application forms in Examination Cell, Education Division, ICAR, KAB-II, Pusa, New Delhi-110 012 from candidates other than those located in remote areas.

07 February 2014

- (d) Last date of receipt of filled application forms in Examination Cell, Education Division, ICAR, KAB-II, Pusa, New Delhi-110 012 from candidates located in remote areas (Please see item No. 8.1 A)

14 February 2014

- (e) Date and time of Examination:
12th April 2014 (Saturday) 10:00 – 12:30 hrs.
- (f) **Dates of Counseling:** Please see **ANNEXURE-XI**.

How to fill-up the Application Form

Sr. No. 1: **Date of Birth:** First, write the date, month, and year of your birth in rectangular boxes in numbers as given in Class X marks sheet. For example if the date of birth is 11 August 1987, it has to be written as

1	1	0	8	8	7
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; one number/ digit in one box. Then, darken the appropriate circles accordingly by black/blue ball point pen.

Sr. No. 2: **Choice of the City of Examination Centre** - Refer **ANNEXURE-VI** of this Bulletin.

Write the Code Number (in figures) for your choice of the Examination City Centre. For example for Raipur write

3	6
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 in the rectangular boxes and then darken the circle ③ in first column and ⑥ in 2nd column with black/blue ball point pen. Other circles should be left blank.

Sr. No. 3: **School Board of Class XII** – Refer **ANNEXURE-VIII** of this bulletin. Write the code number shown for the respective Board. For example, for Rajasthan Board of Secondary Education, write

2	3
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 in the boxes and then darken the respective circles ② in 1st column and in ③ second column.

Sr. No. 4: **State of domicile** – Refer **ANNEXURE-VII**
Write the **Code No. of State of domicile** in figures (**numbers**). For example for Bihar the Code is 05. Hence, the candidates from Bihar state should write the number

0	5
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 in the boxes by black/blue ball pen and then darken the circles ① in 1st column and ⑤ in second column as well. Similarly, the candidates from other States may fill the information accordingly as applicable to them.

Sr. No. 5: **Category:** If you belong to Scheduled Caste (SC) category, write SC in rectangle & darken the circle in front of SC. Similarly, the information is to be given by the candidates from the other categories. In case, you do not specify any reservation category, the application form is likely to be rejected/or you might be placed in general category. Names of States/UTs, which fall in category UPS is given in **item 5.2**. The category on Application Form and OMR Answer Sheet should not vary. In case of any such variation the OMR Answer Sheet shall be treated as final and no change shall be possible.

Sr. No. 6: **Place of Residence:** If a candidate has been basically residing in village, he/ she should darken the circle in front of “**Village**”. Similar action is needed for residents of City and Town for darkening the appropriate circle.

Sr. No. 7: **Subjects taken in Class XII:** Darken the appropriate circles in front of the subjects mentioned as per your list of subjects in class XII marks sheet. Do not write any subject other than those appearing in your marks sheet.

Sr. No. 8: **Subject Group for Exam:** For this examination, if you wish to appear in Agriculture as one of the subjects besides Physics and Chemistry, then darken circle shown in front of “Agri”. Similarly, if you wish to appear in Biology then darken the circle in front of “Bio”. Similarly for Mathematics darken the circle in front of “Maths”.

Sr. No. 9: **Stream:** In case your choice for appearing in this Examination is “Agriculture” or “Biology”, you should darken the circle in front of Agri./ Bio”. For Mathematics, you should darken the circle in front of Mathematics.

Sr. No. 10: **Sex:** Darken the appropriate circle for Male, and or Female.

Sr. No. 11: **Type of Institution of Class XII:** Darken the appropriate circle showing your School/ college type, where you have studied in class XII. If you have studied in private institution darken the circle in front of Private and similarly fill the information for other two Institution types as applicable to the candidate.

Sr. No. 12: **Medium of Question paper:** This refers to the medium/ language of Questions in which you will like to attempt this Examination. If you wish to attempt the paper in English medium, you should darken the circle in front of English. If you wish to attempt paper in Hindi, then darken the circle in front of Hindi.

Sr. No. 13: **Nationality:** For showing Indian nationality, darken the circle in front of Indian.

Items at Sr. No. 14, 15 and 16: Candidate should write in plain capital letters (with black/blue ball point pen) his/ her name, Mother's name and Father's name. Write one letter only in one box. Leave one space (box) between first name, middle name and surname. Incorrect names may invite rejection of candidature at any stage.

CANDIDATE'S NAME: For example:

Anushree Devi

Write:

A	N	U	S	H	R	E	E		D	E	V	I
---	---	---	---	---	---	---	---	--	---	---	---	---

MOTHER'S NAME: For example:

Shanti Devi

Write:

S	H	A	N	T	I		D	E	V	I		
---	---	---	---	---	---	--	---	---	---	---	--	--

FATHER'S NAME: For example:

Prabhat K Gupta

Write:

P	R	A	B	H	A	T		K		G	U	P	T	A
---	---	---	---	---	---	---	--	---	--	---	---	---	---	---

Sr. No. 17: **Year of Passing/ appearing Class XII:** Write the year of your appearing/ passing Class XII examination. For 2013, write

2	0	1	3
---	---	---	---

 in the boxes; one digit in one box and darken the appropriate circle.

Sr. No. 18: Fill the **% marks in Class XII. Subject combination** PCA is Physics, Chemistry, and Agriculture or Inter (Agri.), PCH is Physics, Chemistry, Home Sc. PCB is Physics, Chemistry, Biology; PCM is Physics, Chemistry, Mathematics, and PCMB is Physics, Chemistry, Biology and Mathematics. Based on your combination of subjects in Class XII, if mark sheet has been issued, write the percentage of marks darken the circle applicable to you. For example in PCB combination, if you have scored 63.54% marks write

6	3
---	---

 .

5	4
---	---

 in the boxes in front of PCB. For any other combination of subjects, other than specified leave this item blank. Also, re-check your eligibility before proceeding further. ICAR will not engage itself into correspondence and will NOT be responsible for rejection of the Application if listed eligibility conditions are not met by the candidate(s).

Sr. No. 19: Write **% Marks obtained in English in XII:** If you have already passed Class XII examination, then write the percentage of your marks obtained in English subject in class XII as per the marks sheet issued and darken the appropriate circle. For example if the marks are 53.25%, write

5	3
---	---

 .

2	5
---	---

 in the boxes; one digit in one box, decimal is already specified. Candidates whose result is not yet declared, and those who have not studied English in Class - XII should leave this item blank.

Sr. No. 20: **Percentage of total aggregate marks obtained class X, Class XII:** Here, write the percentage marks scored in all subjects together in class X, and then in Class XII. Fill one digit in one box and darken the appropriate circle. In case, Class XII result is still awaited, leave the Class XII boxes blank.

Thumb Impression: Left hand thumb impression (LTI) for male and right hand thumb impression (RTI) for female candidate in the given space is required to be put up.

Recent passport size photograph: In this space, paste (with gum) a recent, clear coloured passport size photograph (3.5 × 4.5 cm) showing front view of the face clearly without cap and dark spectacles. Do not staple or pin the photograph. It should NOT be attested or signed by anybody. The photograph will be scanned and used for Attendance Sheet. Also, it will be sent to the University where you might get admitted for verification and future records. Unclear photograph will invite rejection of the Application.

Write name and complete mailing address: This block will be scanned and used for future correspondence with the candidate. Use black/blue ball-point pen and write in neat handwriting. Write your name and complete postal address clearly in large capital letters including Street/ Lane No./ village/P.O. etc. Also, write the state name and PIN code. In case of incomplete or wrong address, our letters/ messages may not reach you. ICAR will not be responsible for delay or non-receipt of information to the candidates on this account.

Signature of the candidate in running hand: The candidate must put his/ her natural signatures by black/blue ball-point pen. These will be scanned and used for verification and admission purposes. **DO NOT SIGN IN CAPITAL LETTERS.**

Sr. No. 21-24: **Write address (DO NOT WRITE YOUR NAME) in Capital letters** in the rectangular boxes and darken the circles in the corresponding columns.

Sr. No. 25 - 27: Write the amount paid for the purchase of application form. In case it is through Demand Draft (DD), the DD No. and its date should be filled.

Sr. No. 28: Write **PIN Code of your address** in rectangular boxes and darken the circles in corresponding columns.

Sr. No. 29: **Contact mobile/telephone number** of the candidate should be written in rectangular boxes. In case of a mobile phone, write its number and darken the circles in corresponding columns.

Sr. No. 30: Candidate should write in running handwriting the underlined part of declaration "I agree to abide by the rules and regulations governing the examination as contained in the Information Bulletin which I have duly studied and understood thoroughly". Without hand written declaration, the application will be summarily rejected.

Sr. No. 31: **The Declaration** should be signed by the candidate and the parent/guardian. Put date and place name also at specified points. Forged signatures will disqualify the candidature of the candidate.

How to fill up the Admit Card

Both Candidate and Office copy of Admit Card should be filled by the candidate and the attested photographs be pasted (with gum) in the space provided. Except for the Roll number and the Examination Venue in the Examination City Center, all the entries are to be filled up by the candidate him/herself. **The particulars supplied by the candidate in Admit Card should be got attested by the Principal of the School/ College last attended or any Gazetted officer who should also sign at the specified place with Official Stamp.**

Acknowledgement Card

Candidate should write his/her postal address and Numeric Code Name of City of Exam Centre. Postage stamp of ₹ 6/- should be pasted on the acknowledgement card. These should be detached from Information Bulletin and sent along with the Application to the ICAR.

The filled Application should be thoroughly re-checked for all the entries and their correctness. **It is essential to keep a photocopy of the filled Application Form and Bank Draft with you.** Without folding, put the Application, Admit Card (only candidate copy to be retained by the candidate) and Acknowledgement Card in the prescribed envelope. Post these by Registered or Speed Post. Keep the receipt of the Post Office with you for future records.

Note: Minor changes in the application form are possible.

Address for submitting the Application, Admit Card and Acknowledgement Card (also given on the Envelope)

Controller of Examinations
Exam Cell, Education Division
Indian Council of Agricultural Research
Room No. 216, Krishi Anusandhan Bhawan-II, Pusa
NEW DELHI-110 012

vks, e-vkj- vkonu QkZHjus ds fy, foLr'r vuqsk

प्रत्याशियों को परामर्श दिया जाता है कि वे ओ.एम.आर. आवेदनपत्र भरते व प्रस्तुत करते समय निम्न अनुदेशों का सावधानीपूर्वक पालन करें। फार्म भरते समय हुई किसी भी त्रुटि को बाद में ठीक नहीं किया जा सकता है और भा.कृ.अ.प. की इस संबंध में कोई जिम्मेदारी नहीं होगी; अर्थात् फार्म के गलत भरे जाने पर परिषद का कोई उत्तरदायित्व नहीं होगा। प्रत्याशियों को परामर्श दिया जाता है कि वे भरे गए आवेदन पत्र तथा डाकघर की रजिस्ट्री / स्पीड पोस्ट की एक फोटोप्रति भावी पत्राचार के लिए अपने पास अवश्य रखें।

(i) कृपया सुनिश्चित करें कि आप परीक्षा/प्रवेश में शामिल होने के लिए सूचना बुलेटिन की मद संख्या 3.0 में दी गई सभी पात्रता संबंधी अपेक्षाओं को पूर्णतः पूरा करते हैं। आवेदन के अस्वीकार किए जाने पर आवेदन शुल्क वापस नहीं किया जाएगा।

(ii) प्रत्याशी द्वारा यह सावधानीपूर्वक नोट किया जाना चाहिए कि यदि कोई प्रत्याशी अनुशासनहीनता संबंधी कार्यों में भाग लेने के लिए अपने पूर्व शैक्षणिक कैरियर के दौरान दंडित किया गया है या उसने परीक्षा के लिए कोई भी बेईमानीपूर्ण तरीका अपनाया है तो उसे प्रवेश का पात्र नहीं माना जाएगा। यदि वह इन बिंदुओं पर या इन संबंधित बातों से जुड़े किसी भी तथ्य को छुपाते हुए प्रवेश प्राप्त कर लेता है/लेती है, या ऐसा काउंसिलिंग समिति द्वारा ध्यान न दे पाने के कारण होता है, तो जब भी इस प्रकार के दोष का पता चलेगा, उसका प्रवेश रद्द किए जाने का पात्र होगा/उसका प्रवेश रद्द कर दिया जाएगा।

(iii) प्रत्याशी को आवेदन पत्र के दोनों ओर काली/नीली स्याही के बाल पॉइंट पेन से अपने स्वच्छ हस्तलेख में भरना चाहिए तथा सभी सूचना स्पष्ट अक्षरों में होनी चाहिए (कर्सिव या सुलेख बनाते हुए राइटिंग नहीं करनी चाहिए)।

यह सुझाव दिया जाता है कि पहले आवेदन पत्र को हल्की पेंसिल से भर लिया जाए, उसके बाद उसके ठीक होने की भली प्रकार जांच कर ली जाए। जब फार्म में दिए गए सभी विवरणों के ठीक होने के प्रति प्रत्याशी संतुष्ट हो जाए तो वह काले/नीले बाल पॉइंट पेन का उपयोग करे। पेंसिल से लिखावट के कोई भी निशान यदि रह गए हों तो उन्हें पूरी तरह मिटा देना चाहिए। यदि आप बाद में अपने फार्म में कोई गलती पाते हैं, तो आप उस गलती या गलतियों को सुधारने के लिए सफेद करेक्टिंग फ्लूड का इस्तेमाल कर सकते हैं। इसके लिए पहले उसे सूखने दें उसके बाद काले/नीले बाल पॉइंट पेन से सुधार/संशोधन करें।

(iv) ओ.एम.आर. आवेदन पर न तो झुर्री बनाएं/न मोड़ें/न फाड़ें/न स्टेपल लगाएं। लिखे हुए के ऊपर लिखना, काटपीट करना, फार्म को क्षतिग्रस्त करना ऐसी बातें हैं जिनसे आपका आवेदन

रद्द हो सकता है। इस प्रकार के आवेदन रद्द होने की पूरी जिम्मेदारी प्रत्याशी की होगी।

(v) भली प्रकार पूरी तरह भरे हुए आवेदन, प्रवेशपत्र (कार्यालय प्रति) तथा पावती स्वीकृति पत्र को निम्नलिखित पते पर रजिस्टर्ड या पंजीकृत/स्पीड पोस्ट द्वारा प्रस्तुत किया जाना चाहिए या पूर्वाह्न 10.00 से अपराह्न 5.00 के बीच किसी भी कार्यदिवस में व्यक्तिगत रूप से जमा कराया जा सकता है:

ijh{k fu; a-d 'k k{k%
ijh{k d{kB} f' k{k i Hkx
Hkjrl; d'f'k vuq dku ifj'kn
dejk ua 216] Nf'k vuq dku Hou&u
i w k ubZfnYyh&110012

(vi) कुछ महत्वपूर्ण तिथियां नीचे दी गई हैं :

(क) सिंडिकेट बैंक की शाखाओं के काउंटर से चालान के माध्यम से नकद राशि जमा करके या डिमांड ड्राफ्ट के माध्यम से विनिर्दिष्ट भा.कृ.अ.प. के संस्थानों से आवेदन पत्र के साथ सूचना बुलेटिन खरीदने की अंतिम तिथि

07 Qjoh 2014

(ख) केवल नकद राशि जमा कराकर राज्य कृषि विश्वविद्यालयों के रजिस्ट्रारों के कार्यालय से सूचना बुलेटिन/आवेदन पत्र खरीदने की अंतिम तिथि

07 Qjoh 2014

(ग) सुदूर क्षेत्रों में स्थित प्रत्याशियों को छोड़कर प्रत्याशियों से परीक्षा कोष्ठ, शिक्षा प्रभाग, भा.कृ.अ.प., कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली - 110012 में पूरी तरह भरे गए आवेदन प्राप्त करने की अंतिम तिथि

07 Qjoh 2014

(घ) सुदूर क्षेत्रों में स्थित प्रत्याशियों से परीक्षा कोष्ठ, शिक्षा प्रभाग, भा.कृ.अ.प., कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली - 110012 में पूरी तरह भरे गए आवेदन प्राप्त होने की अंतिम तिथि (कृपया मद संख्या 8.1ए देखें)

14 Qjoh 2014

(ड.) परीक्षा की तिथि व समय

12 vi&y 2014 ¼kuoqj ½10-00&12-30 ct s

(च) काउंसिलिंग की तिथियां
कृपया ifj'KV&x देखें

vkonu i= fdl izlkj Hja

क्र.सं. 1: t l efrffk: सबसे पहले संख्या में चौकोर खानों में अपने

जन्म की तिथि, महीना एवं वर्ष लिखें, जैसा कि कक्षा X के अंकपत्र में दिया गया है। उदाहरण के लिए यदि जन्मतिथि 11 अगस्त 1987 है, तो इसे लिखा जाना है 110893 एक संख्या/एक खाने में एक अंक। उसके पश्चात सही गोलों को तदनुसार काले/नीले बाल पॉइंट पेन से गहरा कर दें।

क्र.सं. 2: **ijhkdnczds'lgj dkpqlo** : इस बुलेटिन का **ifj'kV VI** कृपया देखें।

अपने पसंद के परीक्षा शहर केंद्र की कोड संख्या लिखें (अंकों में)। उदाहरण के लिए रायपुर के लिए चौकोर खानों में 36 लिखें और उसके बाद पहले कॉलम में 3 को गोल बनाकर गहरा करें और दूसरे कॉलम में 6 को काले/नीले बाल पॉइंट पेन से गहरा कर दें। अन्य गोलों को खाली छोड़ देना चाहिए।

क्र.सं. 3: **d{kk xii dk Ldy ckmZ** : इस बुलेटिन की परिशिष्ट VIII कृपया देखें। संबंधित बोर्ड के लिए दर्शाई गई क्रम संख्या लिखें। उदाहरण के लिए राजस्थान सेकंडरी शिक्षा बोर्ड के लिए खानों में 23 लिखें और उसके पश्चात पहले कॉलम में 2 को गोल बनाकर गहरा करें और दूसरे कॉलम में 3 को काले/नीले बाल पॉइंट पेन से गहरा कर दें। अन्य गोलों को खाली छोड़ देना चाहिए।

क्र.सं. 4: **ew fuokl ; k Mfel lby dk jk'** : कृपया **ifj'kV VII** देखें। मूल निवास के राज्य की कोड संख्या को आंकड़ों (संख्याओं) में लिखें। उदाहरण के लिए बिहार का कोड 05 है, अतः बिहार राज्य के प्रत्याशियों को काले/नीले पेन से खानों में 05 संख्या लिखनी चाहिए और उसके पश्चात पहले कॉलम में 0 वाले गोले को गहरा करते हुए दूसरे कॉलम में 5 को गहरा करना चाहिए। इसी प्रकार अन्य राज्य के प्रत्याशियों को उनके लिए लागू सूचना को तदनुसार भरना चाहिए।

क्र.सं. 5: **Jsh** : यदि आप अनुसूचित जाति (अजा) श्रेणी के हैं तो चौखाने में अजा लिखें तथा अजा के सामने वाले गोले को गहरा करें। उसी प्रकार अन्य श्रेणियों के प्रत्याशियों द्वारा सूचना दी जानी चाहिए। यदि आप आरक्षण की किसी श्रेणी में नहीं आते हैं, तो आपका आवेदन रद्द किया जा सकता है या आपको सामान्य श्रेणी के अंतर्गत रखा जा सकता है। यू.पी.एस. श्रेणी में आने वाले राज्यों/संघ शासित क्षेत्रों के नाम मद 14; k 5-2 में दिए गए हैं। आवेदन पत्र तथा ओ.एम. आर. उत्तर पत्रिका पर दी गई श्रेणी किसी भी हालत में अलग अलग नहीं होनी चाहिए। यदि इस प्रकार की कोई भिन्नता पाई जाती है तो ओ.एम.आर. उत्तर पत्रिका को अंतिम माना जाएगा और कोई परिवर्तन संभव नहीं होगा।

क्र.सं. 6: **fjglb'k dk LFku** : यदि कोई प्रत्याशी मूलतः गांव में रहता है, तो उसे "गांव" के सामने वाले गोले को गहरा करना चाहिए। इसी प्रकार शहर और कस्बे में रहने वाले प्रत्याशियों को उचित गोले को गहरा कर देना चाहिए।

क्र.सं. 7: **d{kk xii esfy, x, fo"k** : कक्षा XII की अंक पत्रिका में दिए गए विषयों के अनुसार अपने विषयों के सामने बने उचित गोलों को गहरा करें। आपकी अंक पत्रिका में जो विषय दिखाए गए हैं, उनके अतिरिक्त किसी भी अन्य विषय को न लिखें/उल्लेख न करें।

क्र.सं. 8: **ijhkdscfy, fo"k l eg** : इस परीक्षा के लिए यदि आप भौतिक विज्ञान और रसायन विज्ञान के अतिरिक्त एक विषय के रूप

में कृषि में सम्मिलित होना चाहते हैं तो "एग्री" के सामने दिए गए गोले को गहरा करें। इसी प्रकार यदि आप जीव विज्ञान में शामिल होना चाहते हैं, तो आप "बायो" के सामने दिए गए गोले को गहरा करें। इसी प्रकार गणित के लिए आप "मैथ्स" के सामने दिए गए गोले को गहरा करें।

क्र.सं. 9: **LVte** : यदि आपकी परीक्षा में सम्मिलित होने की पसंद या विकल्प "कृषि" या "जीव विज्ञान" है तो आपको एग्री/बायो के सामने वाले गोले को गहरा करना चाहिए। गणित के लिए आपको "गणित" के सामने वाले गोले को गहरा करना चाहिए।

क्र.सं. 10: **fyx** : पुरुष और/अथवा स्त्री के लिए उचित गोले को गहरा करें।

क्र.सं. 11: **d{kk xii dh l LFkk dk izdkj** : जिस विद्यालय/महाविद्यालय से आपने कक्षा XII में अध्ययन किया है, उसे दर्शाने के लिए उचित गोले को गहरा करें। यदि आप किसी निजी संस्था में पढ़ें हैं, तो प्राइवेट या निजी के समक्ष बने गोले को गहरा करें तथा इसी प्रकार दो प्रकार के संस्थानों के बारे में भी सूचना को भरें, जैसा कि प्रत्याशी के मामले में लागू हो।

क्र.सं. 12: **mŷkj nŷs ds fy, ek';e** : इसका संदर्भ उस माध्यम/भाषा से है जिसमें आप परीक्षा में प्रश्नों के उत्तर देना चाहेंगे। यदि आप प्रश्नपत्र को अंग्रेजी माध्यम से हल करना चाहेंगे तो आपको अंग्रेजी के समक्ष बने गोले को गहरा करना होगा। यदि आप हिंदी में प्रश्नपत्र को हल करना चाहते हैं, तो हिंदी के समक्ष दिए गए गोले को गहरा करें।

क्र.सं. 13: **jkVh rk** : भारतीय राष्ट्रीयता को दर्शाने के लिए भारतीय के समक्ष बने गोले को गहरा करें।

en l a 14| 15 vls 16 : प्रत्याशी को साफ स्पष्ट अक्षरों में (काले/नीले पेन से) अपना नाम, माता का नाम और पिता का नाम लिखना चाहिए। एक खाने में केवल एक ही अक्षर लिखें। प्रथम नाम, मध्य नाम तथा अंतिम नाम या उपनाम के बीच एक खाना खाली छोड़ें। गलत नाम लिखने से किसी भी अवस्था में आपकी पात्रता को रद्द किया जा सकता है।

प्रत्याशी का नाम: उदाहरण के लिए: अनुश्री देवी

लिखें

A	N	U	S	H	R	E	E		D	E	V	I
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माता का नाम: उदाहरण के लिए: शांति देवी

S	H	A	N	T	I		D	E	V	I		
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पिता का नाम: उदाहरण के लिए: प्रभात के. गुप्ता

P	R	A	B	H	A	T		K		G	U	P	T	A
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क्रम सं. 17: **d{kk xii mŷh l Zgks@l ftefy r gksdk o"k** कक्षा XII की परीक्षा में सम्मिलित होने/उत्तीर्ण होने का वर्ष लिखें। 2013 के लिए खानों में 2013 लिखें; एक बक्से में केवल एक अंक तथा उचित गोले को गहरा करें।

Information Bulletin AIEEA-UG-2014

नाम अंकों में लिखना चाहिए। पावती पत्र पर 6/- रूपए का डाक टिकट चिपकाया जाना चाहिए। इसे सूचना बुलेटिन से अलग करके भा.कृ.अ.प. को आवेदन पत्र के साथ भेजा जाना चाहिए। पूरी तरह भरे गए आवेदन पत्र को सभी प्रविष्टियों और उनके सही होने के संदर्भ में भली प्रकार दुबारा से जांच लिया जाना चाहिए। यह आवश्यक है कि आप भरे हुए आवेदन पत्र तथा बैंक ड्राफ्ट की एक फोटो प्रति अपने पास रखें। आवेदन पत्र को बिना मोड़े, प्रवेश पत्र (प्रत्याशी द्वारा केवल प्रत्याशी की प्रति रखी जानी है) तथा पावती पत्र को निर्धारित लिफाफे में रखें। इन सभी को रजिस्टर्ड या पंजीकृत डाक अथवा स्पीड पोस्ट से भेजें। भावी रिकॉर्ड के लिए डाकघर की रसीद अपने पास रखें।

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परीक्षा नियंत्रक (शिक्षा)

परीक्षा कोष्ठ, शिक्षा प्रभाग

भारतीय कृषि अनुसंधान परिषद

कमरा नं. 216, कृषि अनुसंधान भवन-II

पूसा, नई दिल्ली – 110012

नोट: सूचना बुलेटिन में वर्णित जानकारी से सम्बन्धित कोई अन्तर/मतभेद पाया जाता है तो अंग्रेजी वर्णन मान्य होगा।

TENTATIVE SCHEDULE FOR COUNSELING/ PERSONAL APPEARANCE OF QUALIFIED CANDIDATES FOR ADMISSION TO BACHELOR DEGREE COURSES IN AGRICULTURE AND ALLIED SUBJECTS OTHER THAN VETERINARY SCIENCE - AIEEA-UG-2014

Venue

AP SHINDE SYPOSIUM HALL, NASC COMPLEX (ICAR)
Dev Prakash Shastri (DPS) Marg, (Opp. Todapur), Pusa, New Delhi 110 012

Date of Personal Appearance/Counseling		Counseling For STREAM (as per overall merit rank)	9.00 AM to 1.00 PM# Overall Merit Rank	2.00 PM to 6.00 PM# Overall Merit Rank
14.06.2014	(Saturday)	STREAM-B (Maths Group) (All UPS, PC, ST & SC) and (General + OBC upto 300)	STREAM-B (Math) (All UPS, PC, ST & SC)	STREAM-B (General + OBC) 1–300
15.06.2014	(Sunday)	STREAM-B (Maths Group) (General + OBC)	STREAM-B 301–575	STREAM-B 576- 875
16.06.2014	(Monday)	STREAM-B (Maths Group) (General + OBC) STREAM-A (Biology/Agri. Group) (UPS/PH/ST)	STREAM-B 876 and onward	STREAM-A (Bio/Agri) (All UPS,PC & ST)
17.06.2014	(Tuesday)	STREAM-A (Biology/Agri. Group) (All SC & General + OBC)	STREAM-A (All SC)	STREAM-A (General + OBC)1–250
18.06.2014	(Wednesday)	STREAM-A (General+ OBC)	251- 550	551-800
19.06.2014	(Thursday)	STREAM-A (General+ OBC)	801-1150	1151-1425
20.06.2014	(Friday)	STREAM-A (General+ OBC)	1426–1750	1751–2000
21.06.2014	(Saturday)	STREAM-A (General+ OBC)	2001–2300	2301–2600
22.06.2014	(Sunday)	STREAM-A (General+ OBC)	2601–2950	nmbmbn2951-3250
23.06.2014	(Monday)	STREAM-A (General+ OBC)	3251–3600	3601-3950
24.06.2014	(Tuesday)	STREAM-A (General+ OBC)	3951–4700	4701 and onwards + any left over candidate* who could not attend the counseling on date and scheduled time due to any reasons

or till the counseling is over for the day.

- The above Counseling schedule is tentative and is subject to change. Any change in the venue/schedule of counseling will be placed on ICAR website. The SC/ST candidates who do not wish to take admission in their respective reserve category may opt for counseling with General + OBC category.
- Candidates are advised to book their journey tickets to New Delhi for counseling accordingly as soon as the result is declared, and if they are declared qualified to be called for counseling.
- * Such candidates will be allotted the seat and the university against any unfilled seat if available. Their counseling will be undertaken only after the counseling is over for all the candidates who have reported on scheduled date and time. Mere reporting for the counseling on this date does not necessarily guarantee the admission.
- In case the seats are exhausted before all the candidates called for personal appearance are covered, the allocation will be stopped and the Council will not be responsible for the non-availability of seats and non-allotment to the rest of the candidates on this account.

5. **Candidate will have to deposit part admission fee of ₹ 2,000/- (Rupees Two Thousand only) in Cash and also submit the original certificates to the Registrar of the University as soon as the seat is allocated on the day of Counseling.** Candidate is advised to take the receipt of the deposits as well as enquire about the date of reporting for registration at the Agricultural University from the Registrar. The balance amount of fee would have to be deposited by the candidate to the University on the date of registration as prescribed by the University for the purpose. Failure to deposit part admission fee and certificates to the allocated University will forfeit his/her claim for admission. Reserved category candidates must produce the required certificates in original and in the prescribed format. **Any temporary or permanent withdrawal of original certificates will be governed as per the concerned University rules. ICAR has no objection if certificates are returned to the candidate after verification.** In case of OBC candidates availing the benefits of reservation in Central Educational Institutions/Universities, the candidate will also be required to produce a Central OBC certificate (**Annexure-V**) issued by the competent authority and satisfy following criteria:

- Sub-caste must tally with the Central list of OBC.
- Candidate should not belong to creamy layer.

The proof of non-creamy layer and three years income tax returns of their parents shall be verified by the University authority before their admission (Original certificates have to be produced). Therefore, candidates while coming for counseling need to bring with them all the above required documents in original as well as photocopies thereof along with part fee in cash and counseling intimation issued by the ICAR. The counseling of OBC candidates will be done along with the candidates of general category at their overall merit rank for reserved seats as applicable at the time of counseling in the Central Educational Institutions/Universities.

6. **Candidate should note that after allotment of the seat, no refund of part fee will be made in case he/she withdraws admission for any reason.**
7. The reporting time for the candidates will be 30 minutes before (**8.30 A.M./ 1.30 P.M.**) the specified time of counseling. In case of late reporting by the candidates for counseling due to any reason, he/ she will lose claim of admission due at his/ her rank. However, such candidate may be considered for admission against left out seats at the time of reporting. No claim or compensation for problems (if any) encountered or cost incurred in attending the counseling will be entertained by the ICAR/ Universities. While reporting for the counseling candidate must ensure that all the eligibility conditions laid down in the Information Bulletin are fulfilled including the age limit, final result in hand, percentage of marks, relevant certificates etc. ICAR/ University will not be responsible for denial of admission to non-eligible candidates.
8. Candidates are advised to remain in touch with ICAR website for any change in schedule/notices/circulars etc. In case the letters are issued and not received by the candidates due to postal delay or any other reasons in time, ICAR shall not be responsible for it. Candidates can download counselling letter from the ICAR website.

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देवप्रकाश शास्त्री (डी.पी.एस. मार्ग), टोडापुर के सामने, पूसा, नई दिल्ली – 110012

Q fDrxr : i l smi fLFkr gks @dkmf fy dh frfFk	LVte dsfy, dkmf fy ½ dy efjV Js h ds vud kj ½	9-00 i vjgu ls 1-00 vjgu # l dy efjV jdl	2-00 vjgu ls 6-00 vjgu # l dy efjV jdl
14.06.2014 (शनिवार)	स्ट्रीम-बी (गणित समूह) (सभी यू.पी.एस., शारीरिक विकलांग, अनु.जाति और अनु.जनजाति) तथा (सामान्य+अ.पि.व. 300 तक)	स्ट्रीम-बी (गणित) (सभी यू.पी.एस., शारीरिक विकलांग, अनु.जाति और अनु. जनजाति)	स्ट्रीम-बी (सामान्य+अ.पि.व. 1-300 तक)
15.06.2014 (रविवार)	स्ट्रीम-बी (गणित समूह) (सामान्य+अ.पि.व.)	स्ट्रीम-बी 301-575	स्ट्रीम-बी 576-875
16.06.2014 (सोमवार)	स्ट्रीम-बी (गणित समूह) (सामान्य+अ.पि.व.) स्ट्रीम-ए (जीवविज्ञान/कृषि समूह) (यू.पी.एस./शारीरिक विकलांग/अनु. जनजाति)	स्ट्रीम-बी 876 से आगे	स्ट्रीम-ए (जीवविज्ञान / कृषि समूह) (सभी यू.पी.एस./शारीरिक विकलांग/अनु.जनजाति)
17.06.2014 (मंगलवार)	स्ट्रीम-ए (जीवविज्ञान/कृषि समूह) (सभी अनु.जाति एवं सामान्य + अ.पि.व.)	स्ट्रीम-ए (सभी अनु.जाति)	स्ट्रीम-ए (सामान्य + अ.पि.व.) 1-250
18.06.2014 (बुधवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	251-550	551-800
19.06.2014 (गुरुवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	801-1150	1151-1425
20.06.2014 (शुक्रवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	1426-1750	1751-2000
21.06.2014 (शनिवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	2001-2300	2301-2600
22.06.2014 (रविवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	2601-2950	2951-3250
23.06.2014 (सोमवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	3251-3600	3601-3950
24.06.2014 (मंगलवार)	स्ट्रीम-ए (सामान्य + अ.पि.वर्ग)	3951-4700	4701 और आगे + कोई भी वह बच गया प्रत्याशी* जो किसी कारणवश उस तिथि और निर्धारित समय पर काउंसिलिंग में उप. स्थित न हो सका हो

या जब तक उस दिन की काउंसिलिंग समाप्त नहीं हो जाती ।

.....शेष पृष्ठ 49 पर जारी

1. काउंसिलिंग की उपरोक्त अनुसूची अनंतिम हैं और इसमें परिवर्तन हो सकता है। इस काउंसिलिंग के स्थान/अनुसूची में किसी भी परिवर्तन को भा.कृ.अ.प. की वेबसाइट पर दर्शाया जाएगा। अनुसूचित जाति/अनुसूचित जनजाति के वे प्रत्याशी जो अपनी संबंधित आरक्षित श्रेणी में प्रवेश लेना नहीं चाहते हैं, वे सामान्य + अन्य पिछड़ा वर्ग श्रेणी की काउंसिलिंग में भाग ले सकते हैं।
2. प्रत्याशियों को सलाह दी जाती है कि वे नई दिल्ली के लिए अपनी यात्रा की टिकट जैसे ही परिणाम घोषित किया जाता है, वैसे ही तत्काल बुक करा लें। ऐसा वे तभी करें जब उन्हें काउंसिलिंग के लिए योग्य घोषित किया जाता है या काउंसिलिंग के लिए बुलाया जाता है।
3. *इस प्रकार के प्रत्याशियों को यदि उपलब्ध होगी तो किसी भी गैर-भरी गई सीट के लिए विश्वविद्यालय में सीट आबंटित की जाएगी। उनकी काउंसिलिंग तभी की जाएगी जब उन सभी प्रत्याशियों की काउंसिलिंग समाप्त हो जाएगी जिन्होंने निर्धारित या अनुसूचित तिथि या समय पर रिपोर्ट किया था। मात्र काउंसिलिंग के लिए निर्धारित तिथि को रिपोर्ट करना किसी प्रत्याशी को अनिवार्य रूप से प्रवेश की गारंटी नहीं देता है।
4. यदि व्यक्तिगत उपस्थिति के लिए बुलाए गए सभी प्रत्याशियों के आने के पूर्व या उनका नंबर आने के पूर्व सीटें भर जाती हैं, तो आवंटन को रोक दिया जाएगा और परिषद सीटों की अनुपलब्धता के लिए उत्तरदायी नहीं होगी, तथा इस स्थिति में बचे हुए प्रत्याशियों को सीट आबंटित नहीं की जाएगी।
5. प्रत्याशी को आंशिक प्रवेश शुल्क के रूप में 2,000/- रु (केवल दो हजार रुपये) नकद जमा कराने होंगे तथा काउंसिलिंग के दिन जैसे ही उन्हें सीट आबंटित कर दी जाती है, विश्वविद्यालय के रजिस्ट्रार के पास मूल प्रमाणपत्र जमा कराने होंगे। प्रत्याशियों को परामर्श दिया जाता है कि वे जमा की गई राशि की रसीद ले लें तथा रजिस्ट्रार से कृषि विश्वविद्यालय में पंजीकरण हेतु रिपोर्ट करने की तिथि के बारे में जानकारी प्राप्त कर लें। शुल्क की शेष राशि प्रत्याशी द्वारा विश्वविद्यालय में पंजीकरण की तिथि को जमा करानी होगी और यह राशि विश्वविद्यालय द्वारा इस उद्देश्य से निर्धारित की गई विधि के अनुसार जमा करानी होगी। आबंटित किए गए विश्वविद्यालय में शेष बचा प्रवेश शुल्क तथा प्रमाणपत्र जमा कराने पर असफल रहने से प्रत्याशी के प्रवेश का दावा समाप्त या रद्द कर दिया जाएगा। आरक्षित श्रेणी के प्रत्याशियों को वांछित प्रमाणपत्र मूल रूप में प्रस्तुत करने होंगे और ये निर्धारित फॉर्मेट या प्रारूप में होने चाहिए। मूल प्रमाणपत्रों का अस्थायी या स्थायी रूप से वापस लेना संबद्ध विश्वविद्यालय के नियमों के अनुसार संभव हो सकेगा। यदि सत्यापन के बाद प्रत्याशी को प्रमाणपत्र वापस कर दिए जाते हैं, तो भारतीय कृषि अनुसंधान परिषद को कोई आपत्ति नहीं होगी। अन्य पिछड़ा वर्ग के उन प्रत्याशियों के मामले में, जो केंद्रीय शिक्षा संस्थाओं/विश्वविद्यालयों में आरक्षण का लाभ प्राप्त करना चाहते हैं, प्रत्याशियों को सक्षम प्राधिकारी द्वारा जारी किया गया केंद्रीय अन्य पिछड़ा वर्ग प्रमाणपत्र (Annexure-V) प्रस्तुत करना होगा तथा निम्नलिखित मानदंडों को पूरा करना होगा:
 - उपजाति को अन्य पिछड़ा वर्ग की केंद्रीय सूची से मेल खाना चाहिए।
 - प्रत्याशी को क्रीमी लेयर से संबंधित नहीं होना चाहिए।
 गैर क्रीमी लेयर में होने के प्रमाण तथा प्रत्याशी के अभिभावकों के तीन वर्ष की आयकर विवरणी की जांच प्रत्याशी के प्रवेश के पूर्व विश्वविद्यालय के प्राधिकारी द्वारा की जाएगी और उसका सत्यापन भी किया जाएगा (मूल प्रमाणपत्र प्रस्तुत करने होंगे)। अतः प्रत्याशियों को काउंसिलिंग हेतु आते समय उपरोक्त सभी वांछित दस्तावेज मूल रूप में लाने की आवश्यकता है और इसके साथ-साथ इन दस्तावेजों की फोटोकॉपीयां और आंशिक शुल्क नकद रूप में तथा भा.कृ.अ.प. द्वारा जारी की गई काउंसिलिंग की सूचना का पत्र भी साथ में ले जाना होगा। अन्य पिछड़ा वर्ग के प्रत्याशियों की काउंसिलिंग सामान्य श्रेणी के प्रत्याशियों के साथ अनुसूचित सीटों के लिए उनकी सकल मेरिट श्रेणी के अनुसार की जाएगी और ऐसा केंद्रीय शैक्षणिक संस्थाओं/विश्वविद्यालयों में काउंसिलिंग के समय विद्यमान नियम के अनुसार होगा।
6. प्रत्याशी को नोट करना चाहिए कि सीट के आबंटन के पश्चात यदि वह किसी कारणवश अपना प्रवेश वापस लेता है/लेती है तो आंशिक रूप से जमा कराया गया शुल्क वापस नहीं किया जाएगा।
7. प्रत्याशियों के लिए काउंसिलिंग हेतु रिपोर्ट करने का समय निर्धारित समय के आधे घंटे या 30 मिनट पूर्व होगा (8.30 बजे पूर्वाह्न/1.30 बजे अपराह्न)। किसी कारणवश काउंसिलिंग के लिए देर से रिपोर्ट करने वाले प्रत्याशियों के मामले में उसका अपनी श्रेणी के अनुसार प्रवेश का दावा समाप्त हो जाएगा। तथापि इस प्रकार के प्रत्याशी को उसकी रिपोर्टिंग के समय बची हुई सीटों पर प्रवेश के लिए विचार करने का पात्र माना जाएगा। भा.कृ.अ.प./विश्वविद्यालय प्रत्याशी के समक्ष आने वाली किसी समस्या (यदि कोई हो) के प्रति उत्तरदायी नहीं है या काउंसिलिंग में भाग लेने में उसके द्वारा व्यय की जाने वाली किसी भी राशि की प्रतिपूर्ति नहीं की जाएगी। काउंसिलिंग के लिए रिपोर्ट करते समय प्रत्याशी को यह सुनिश्चित करना चाहिए कि सूचना बुलेटिन में दी गई पात्रता संबंधी सभी शर्तों को पूरा कर लिया गया हो जिसमें आयु सीमा, अंतिम परिणाम, अंकों का प्रतिशत, संबंधित प्रमाणपत्र आदि शामिल हैं। भा.कृ.अ.प./विश्वविद्यालय गैर पात्र प्रत्याशियों के प्रवेश को मना किए जाने के प्रति किसी भी प्रकार से उत्तरदायी नहीं होगा।
8. प्रत्याशियों को परामर्श दिया जाता है कि वे अनुसूची/सूचनाओं/परिपत्रों में किसी प्रकार के परिवर्तन के लिए भा.कृ.अ.प. की वेबसाइट के संपर्क में बने रहें। यदि डाक में देरी होने के कारण या किसी अन्य कारणवश प्रत्याशियों को समय पर पत्र प्राप्त नहीं होते हैं, या जारी नहीं हो पाते हैं, तो इसके लिए भा.कृ.अ.प. उत्तरदायी नहीं होगी। प्रत्याशी भा.कृ.अ.प. की वेबसाइट से काउंसिलिंग के पत्र को डाउनलोड कर सकते हैं।

**19th ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION TO
BACHELOR DEGREE IN AGRICULTURE & ALLIED SCIENCES
FOR 2014-2015
OMR ANSWER SHEET**

SIDE - I

1. प्रत्याशी का नाम Name of Candidate										
2. पिता का नाम Father's Name										
3. अनुक्रमांक Roll Number										
4. परीक्षा केन्द्र का शहर (शहर का कोड लिखें) Exam City Centre (Write Centre Code)										
5. प्रश्न पुस्तिका संख्या Question Booklet Number										
										6. परीक्षा की तिथि Date of Examination
										17 th April, 2014

भाग-I भरने के लिए अनुदेश INSTRUCTIONS FOR FILLING SIDE - I

- क्रम संख्या 1 से 5 में समस्त सूचना काले या नीले बाल पेन से स्पष्ट अक्षरों में लिखें जिसमें आपने आवेदन पत्र में जैसा अपना नाम लिखा है उसे ही उस नाम सहित समस्त सूचना दी जाए।
Write all information in capital letters with a black or blue ball-point pen under Serial No. 1 to 5 including your name as it appears in the application form.
- क्रम संख्या 7 में अपने हस्ताक्षर केवल बॉल पेन से करें। यदि आपने हस्ताक्षर नहीं किए हैं तो उत्तर पत्रक अस्वीकृत कर दिया जाएगा। आपके हस्ताक्षर आवेदन पत्र पर किए गए हस्ताक्षरों से मिलने चाहिए।
Put your signature in serial number 7 with a ball point pen only. If it is not signed, Answer Sheet would be rejected. Signature must tally with signature on the Application Form.

भाग-II उत्तर भरने के लिए अनुदेश INSTRUCTIONS FOR MARKING ANSWERS SIDE - II

- यह उत्तर पत्रक कम्प्यूटरीकृत मूल्यांकन के लिए तैयार किया गया है। अतः यदि आप नीचे दिए गए अनुदेशों का पालन नहीं करते हैं तो कम्प्यूटर द्वारा मूल्यांकन करना कठिन हो जाएगा। परिणामस्वरूप प्रत्याशी को हानि होगी अर्थात् अनुदेशों का पालन करने के परिणाम का उत्तरदायित्व प्रत्याशी का होगा।
This answer sheet is designed for computerized evaluation. Therefore, if you do not follow the instructions as given below, it may render evaluation by the computer difficult. Any resultant loss to the candidate on above account, i.e. not following the instructions, shall be the responsibility of the candidate.
 - भाग -II पर क्रम संख्या 9-15 पर सूचना केवल काले/नीले बॉल पेन से दी जाए। वृत्तों को पूरा-पूरा और समरूप रंगें।
Information at Serial No. 9-15 on Side-2 shall be filled with black/blue ball-point pen only. Darken the circle completely and uniformly.
 - प्रत्येक प्रश्न के लिए केवल एक वही वृत्त ही रंगें जिसे आप सही समझते हैं और, जैसा कि नीचे उदाहरण में दिखाया गया है। यदि आप एक से अधिक वृत्त को रंगते हैं तो आपका उत्तर गलत माना जाएगा।
Darken only ONE circle for each answer which is correct in your opinion, as shown in the example below. If you darken more than one circle, your answer will be treated as wrong.
- Correct
- बॉल पेन से एक बार उत्तर आप करने के पश्चात प्रत्याशी को उसे बदलने की छूट नहीं होगी क्योंकि यदि एक से अधिक उत्तर दिए जाते हैं तो मूल्यांकन के दौरान कम्प्यूटर उस प्रश्न के उत्तर को स्वतः रद्द कर देगा।
The candidate will not be allowed to change the answer once marked with Ball pen as the computer processing will automatically discredit marking of more than one answers to a question during evaluation.
 - वृत्त केवल निर्धारित स्थान पर ही रंगें। कृपया उत्तर पत्रक पर कोई अन्य दिखाई पड़ने वाला निशान न बनाएं, अन्यथा उत्तर गलत माना जाएगा और इसके लिए निर्धारित अंक कम्प्यूटर द्वारा काटे जाएंगे।
Darken the CIRCLE only in the space provided. Please do not make any visible stray mark in the answer sheet, otherwise the answer will be treated as wrong and invite negative markings by the computer.
 - कोई भी रफ कार्य या परिकलन इस ओ.एम.आर उत्तर पत्रक पर नहीं किया जाना चाहिए। इस कार्य के लिए आपके प्रश्न पुस्तिका में अलग से दिए गए पृष्ठों को उपयोग करें।
Rough work should not be done on this OMR answer sheet. Use your Question booklet rough pages provided for doing the rough work.

7. प्रत्याशी के हस्ताक्षर
SIGNATURE OF THE CANDIDATE

8. सभी प्रविष्टियाँ सत्यापित (All entries verified)

निरीक्षक के हस्ताक्षर
SIGNATURE OF THE INVIGILATOR

OMR ANSWER SHEET

SIDE - II

9. ROLL NUMBER	10. QUESTION BOOKLET NO.	11. STREAM	12. SERIES	13. OPTIONAL PAPER ATTEMPTED	14. CATEGORY
<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> Agri./Bio <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	<input type="text"/> 1 <input type="radio"/> 1 <input type="radio"/> 2	<input type="text"/> Bio <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 Maths <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 Agri. <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="text"/> SC <input type="radio"/> 1 ST <input type="radio"/> 2 PC <input type="radio"/> 3 UPS <input type="radio"/> 4 OBC <input type="radio"/> 5 General <input type="radio"/> 6



15. ANSWER COLUMNS

PHYSICS				CHEMISTRY				E / AGRI / MATHS			
Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer	Q.No.	Answer
001	A B C D	031	A B C D	061	A B C D	091	A B C D	121	A B C D	151	A B C D
002	A B C D	032	A B C D	062	A B C D	092	A B C D	122	A B C D	152	A B C D
003	A B C D	033	A B C D	063	A B C D	093	A B C D	123	A B C D	153	A B C D
004	A B C D	034	A B C D	064	A B C D	094	A B C D	124	A B C D	154	A B C D
005	A B C D	035	A B C D	065	A B C D	095	A B C D	125	A B C D	155	A B C D
006	A B C D	036	A B C D	066	A B C D	096	A B C D	126	A B C D	156	A B C D
007	A B C D	037	A B C D	067	A B C D	097	A B C D	127	A B C D	157	A B C D
008	A B C D	038	A B C D	068	A B C D	098	A B C D	128	A B C D	158	A B C D
009	A B C D	039	A B C D	069	A B C D	099	A B C D	129	A B C D	159	A B C D
010	A B C D	040	A B C D	070	A B C D	100	A B C D	130	A B C D	160	A B C D
011	A B C D	041	A B C D	071	A B C D	101	A B C D	131	A B C D	161	A B C D
012	A B C D	042	A B C D	072	A B C D	102	A B C D	132	A B C D	162	A B C D
013	A B C D	043	A B C D	073	A B C D	103	A B C D	133	A B C D	163	A B C D
014	A B C D	044	A B C D	074	A B C D	104	A B C D	134	A B C D	164	A B C D
015	A B C D	045	A B C D	075	A B C D	105	A B C D	135	A B C D	165	A B C D
016	A B C D	046	A B C D	076	A B C D	106	A B C D	136	A B C D	166	A B C D
017	A B C D	047	A B C D	077	A B C D	107	A B C D	137	A B C D	167	A B C D
018	A B C D	048	A B C D	078	A B C D	108	A B C D	138	A B C D	168	A B C D
019	A B C D	049	A B C D	079	A B C D	109	A B C D	139	A B C D	169	A B C D
020	A B C D	050	A B C D	080	A B C D	110	A B C D	140	A B C D	170	A B C D
021	A B C D	051	A B C D	081	A B C D	111	A B C D	141	A B C D	171	A B C D
022	A B C D	052	A B C D	082	A B C D	112	A B C D	142	A B C D	172	A B C D
023	A B C D	053	A B C D	083	A B C D	113	A B C D	143	A B C D	173	A B C D
024	A B C D	054	A B C D	084	A B C D	114	A B C D	144	A B C D	174	A B C D
025	A B C D	055	A B C D	085	A B C D	115	A B C D	145	A B C D	175	A B C D
026	A B C D	056	A B C D	086	A B C D	116	A B C D	146	A B C D	176	A B C D
027	A B C D	057	A B C D	087	A B C D	117	A B C D	147	A B C D	177	A B C D
028	A B C D	058	A B C D	088	A B C D	118	A B C D	148	A B C D	178	A B C D
029	A B C D	059	A B C D	089	A B C D	119	A B C D	149	A B C D	179	A B C D
030	A B C D	060	A B C D	090	A B C D	120	A B C D	150	A B C D	180	A B C D

1113

**INDIAN COUNCIL OF AGRICULTURAL RESEARCH
KRISHI ANUSANDHAN BHAWAN-II, PUSA, NEW DELHI 110 012
COUNSELING PROFORMA FOR U.G. ADMISSION 2014-15**

Roll No. of the Candidate:		Overall Merit Rank:	
STREAM: "A" BIOLOGY/ AGRICULTURE "B" MATHEMATICS /			
1. Name of the Candidate (IN BLOCK LETTERS):			
2. Father's Name:			
3. Sex: M/F.....		4. Date of Birth:.....	
5. Nationality:			
(Must not have been born before 01.09.1991 and after 01.09.1997)			
6. Address for Correspondence:			
7. Permanent address:			
8. Phone/Mob No.....		9. State of Domicile (as in the Application Form):	
10. Subject, University choice where admission is requested (in order of preference):			
Subjects: 1..... 2..... 3..... 4.....			
University: 1..... 2..... 3..... 4..... 5.....			
11. Category: Gen./ SC/ ST/ PC/ UPS/OBC (Attach certificate)			
12. Year of Passing 10+2 Exam..... Name of the Board of Examination of 10+2:			
13. Details of Subjects with marks obtained in qualifying examination (10+2):			

Subject	Maximum Marks	Marks Obtained	Percentage of Marks
Physics			
Chemistry			
Mathematics			
Biology			
Agri./Home Science			
English			
Hindi			

% of MARKS in AGGREGATE%

Self attested photocopies of Documents Attached:

(1) High School Certificate/ Marks sheet showing Date of Birth:	Yes
(2) Marks sheet and certificate of 10+2	Yes
(3) Transfer Certificate/ School Leaving Certificate	Yes
(4) Character Certificate from the School last attended	Yes
(5) Three Passport size photographs	Yes
(6) SC/ST/PC/ UPS domicile certificate/Central OBC Certificate	Yes

(SIGNATURE OF CHECKING OFFICER)	(SIGNATURE OF THE CANDIDATE / REPRESENTATIVE)
---------------------------------	---

Documents : ☐ In order ☐ Not in order

(SIGNATURE OF CHECKING OFFICER)

FOR OFFICE USE ONLY

Admission granted : YES / NO	University Allotted:
Subject / Course Allotted :	Category under which admitted:

(SIGNATURE OF THE CHAIRMAN, COUNSELING COMMITTEE)

Part Admission Fee deposited ₹ 2,000/- Dated: Remarks (if any):.....

(SIGNATURE OF THE UNIVERSITY OFFICIAL)

On the basis of the ICAR counseling and availability of seat/ University at my merit rank, I

Self/ Authorized Representative accept the above allotment of degree program and the University.

Date:

Place: SIGNATURE OF THE CANDIDATE / REPRESENTATIVE

Application Form No. _____

24. CITY/TOWN/DISTRICT

Date Place

Signature of Father/ Mother/ Guardian (*If Father and mother not alive)

ADMIT CARD**OFFICE COPY**

(To be submitted along with Application positively)

Application
Form No.
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
 Krishi Anusandhan Bhavan-II, Pusa, New Delhi-110012

19TH ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION TO BACHELOR DEGREE PROGRAMMES IN
 AGRICULTURE AND ALLIED SCIENCES SUBJECTS (OTHER THAN VETERINARY SCIENCE) AND AWARD OF
 NATIONAL TALENT SCHOLARSHIP FOR THE ACADEMIC SESSION 2014-15

Roll No: STREAM: Optional Subject:

Name and Address of Candidate

.....

Date of Exam: 12.04.2014

(Saturday)

Duration: 10:00 AM to 12:30 PM

(2½ hours)

Reporting Time: 09:30 AM

No Entry After: 10:30 AM

Cannot Leave Before: 12:30 PM

Paste your recent
 colored passport size
 photograph same as
 pasted on Application
 Form (3.5 x 4.5 cm)

To be attested by
 Principal / Gazetted
 Officer

Name of the City of Examination :

Code of Exam City Centre:

Venue :

Thumb Impression :

Signature of the Candidate :

Controller of Exams (Edn)

See reverse for important instructions

प्रवेश पत्र**कार्यालय प्रति**

(आवेदन पत्र के साथ अवश्य भेजा जाए)

आवेदन फार्म सं.

भारतीय कृषि अनुसंधान परिषद
 कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली-110012

शैक्षणिक सत्र 2014-15 के लिए कृषि तथा संबद्ध विषयों (पशु चिकित्सा विज्ञान के अतिरिक्त) में स्नातक
 उपाधि कार्यक्रमों में प्रवेश तथा राष्ट्रीय प्रतिभा छात्रवृत्ति दिए जाने के लिए 19वीं अखिल भारतीय प्रवेश परीक्षा

अनुक्रमांक:

स्ट्रीम

वैकल्पिक विषय:.....

प्रत्याशी का नाम और पता

.....

परीक्षा की तिथि : 12.04.2014

(शनिवार)

अवधि : 10:00 पूर्वाह्न से 12:30 अपराह्न

(2½ घंटे)

प्रवेश का समय : 09:30 पूर्वाह्न

प्रवेश निषेध : 10:30 पूर्वाह्न

12:30 अपराह्न से पहले नहीं जा सकते

परीक्षा वाले शहर का नाम :

परीक्षा शहर का कोड :

स्थान :

अंगूठे का निशान :

प्रत्याशी के हस्ताक्षर :

प्राचार्य/राजपत्रित
 अधिकारी द्वारा सत्यापित
 अपना पासपोर्ट आकार
 का वही रंगीन फोटोग्राफ
 चिपकाएं (3.5 x 4.5 सेंमी)
 जो आवेदन पत्र पर
 चिपकाया है।

परीक्षा नियंत्रक (शिक्षा)

महत्वपूर्ण अनुदेशों के लिए कृपया पीछे देखें

INSTRUCTIONS FOR CANDIDATES

1. This Admit Card allows admission of candidate in the examination hall subject to the condition that if ineligibility is detected at any stage, the candidature will be cancelled.
2. Entry to the Examination Hall without Admit Card is not permitted.
3. Particulars in the Admit Card must be checked carefully. Errors, if any, must be reported immediately to the Examination cell ICAR/ Nodal Officer.
4. No paper other than Admit Card should be brought inside the examination hall. Cell phones, electronic device etc. and any pre-written material are strictly prohibited in the examination hall.
5. Bring the colored clear attested photograph same as pasted on Application Form to be handed over to the invigilator in case it is demanded. ICAR reserves all rights to verify the identity and genuineness of each candidate by any means that is considered appropriate.
6. Bring at least one black/blue ball-point pen for writing /marking responses.
7. Do not attempt to give/obtain assistance of any kind. Any improper conduct of the candidate in the examination hall will entail forfeiture of candidature besides other legal action desirable.
8. Impersonation or attempt to impersonate would invite forfeiture of the candidature.
9. Any attempt to remove pages from the Question Booklet or noting down questions will result in forfeiture of candidature.
10. Do not put stray marks on the OMR answer sheet. Change of OMR Answer sheet is not permitted. Please ensure that you do not spoil the answer sheet.
11. To answer questions, darken the corresponding circle/bubble which is most appropriate in your opinion.
12. For each correct response, four marks will be awarded. For each incorrect response, 1 mark will be deducted. No mark will be deducted for questions not attempted. More than one answer will be taken as incorrect response.
13. Admit Card must be preserved till the admission process at an Agriculture university is completed.
14. Failure to comply with these instructions will entail expulsion/cancellation of candidature and may invite further legal action.
15. The city of examination shall not be changed as filled by the candidate in the application form. The venue of examination centre and Roll No. could be seen on website www.icar.org.in in the last week of March 2014 or with the Nodal Officer of the same city (two days before the examination date).

निर्देशावली, उम्मीदवार

1. प्रवेशपत्र से प्रत्याशी को परीक्षा भवन प्रवेश प्राप्त होता है, किसी भी अवस्था में कोई अपात्र स्थिति का पता चलते ही प्रत्याशी की पात्रता रद्द कर दी जाएगी।
2. प्रवेशपत्र के बिना परीक्षा भवन में प्रवेश की अनुमति नहीं है।
3. प्रवेशपत्र में दिए गए विवरण की सावधानीपूर्वक जांच कर लेनी चाहिए। कोई भी त्रुटि होने पर इसकी सूचना परीक्षा कोष्ठ (भा.कृ.अ.प.)/संबंधित नोडल अधिकारी को देनी चाहिए।
4. प्रवेशपत्र के अतिरिक्त परीक्षा भवन में और कोई कागज नहीं ले जाना चाहिए। सेलफोन, इलेक्ट्रॉनिक युक्ति आदि तथा कोई भी पूर्वलिखित सामग्री को परीक्षा भवन में ले जाने की सख्त मनाही है।
5. अपने साथ आवेदन पत्र पर चिपकाए गए सत्यापित व स्वच्छ रंगीन फोटोग्राफ की प्रति लाएं, जिसे मांगने पर परीक्षा निरीक्षक को दिखाएं। भा.कृ.अ.प. को किसी भी उचित साधन के माध्यम से प्रत्येक प्रत्याशी की सत्यता की पहचान करने व उसे सत्यापित करने का अधिकार है।
6. लिखने/उत्तर देने के लिए कम से कम 1 काला/नीला बाल पॉइंट पेन अवश्य लाएं।
7. किसी भी प्रकार की सहायता लेने/देने का प्रयास न करें। परीक्षा भवन में प्रत्याशी के किसी अनुचित व्यवहार से उसकी पात्रता रद्द हो जाएगी और इसके साथ ही उसके खिलाफ वांछित कानूनी कार्रवाई की जाएगी।
8. किसी भी प्रकार के गलत या बेइमानीपूर्ण कार्य से प्रत्याशी की पात्रता रद्द हो जाएगी।
9. उत्तर पुस्तिका से कोई भी पृष्ठ हटाने का प्रयास न करें या प्रश्नों को नोट करने से प्रत्याशी की पात्रता रद्द हो जाएगी।
10. ओ.एम.आर. उत्तर पत्रिका पर किसी प्रकार का निशान न लगाएं। ओ.एम.आर. उत्तर पुस्तिका को बदलने की अनुमति नहीं है। कृपया सुनिश्चित करें कि आप उत्तर पुस्तिका को किसी भी प्रकार से खराब न करें।
11. उत्तर देने के लिए आप जिस विकल्प को सर्वाधिक सही मानते हैं, उसके सामने दिए गए गोले को गहरा करें।
12. प्रत्येक सही उत्तर के लिए 4 अंक दिए जाएंगे। प्रत्येक गलत उत्तर के लिए 1 अंक काटा जाएगा। यदि किसी प्रश्न का उत्तर नहीं दिया जाता है, तो कोई अंक नहीं काटा जाएगा। यदि एक प्रश्न के एक से अधिक उत्तर दिए जाते हैं तो उत्तर गलत माना जाएगा।
13. प्रवेशपत्र को तब तक सुरक्षित रखना चाहिए जब तक कृषि विश्वविद्यालय में प्रवेश की प्रक्रिया पूरी न हो जाए।
14. इन अनुदेशों का पालन न करने पर आपको निष्कासित किया जा सकता है / आपकी पात्रता रद्द हो सकती है और आपके विरुद्ध कानूनी कार्रवाई की जा सकती है।
15. आवेदन पत्र पर प्रत्याशी द्वारा भरे गए परीक्षा के शहर को परिवर्तित नहीं किया जाएगा। परीक्षा केंद्र का स्थान तथा अनुक्रमांक मार्च 2014 के अंतिम सप्ताह में वेबसाइट www.icar.org.in पर देखा जा सकता है या उसी शहर के नोडल अधिकारी से परीक्षा की तिथि के 2 दिन पूर्व ज्ञात किया जा सकता है।

ADMIT CARD

CANDIDATE COPY

(To be retained by the candidate)

Application
Form No.

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Krishi Anusandhan Bhavan-II, Pusa, New Delhi-110012

**19TH ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION TO BACHELOR DEGREE PROGRAMMES IN
AGRICULTURE AND ALLIED SCIENCES SUBJECTS (OTHER THAN VETERINARY SCIENCE) AND AWARD OF
NATIONAL TALENT SCHOLARSHIP FOR THE ACADEMIC SESSION 2014-15**

Roll No: STREAM: Optional Subject:

Name and Address of Candidate

.....
.....
.....

Date of Exam: 12.04.2014
(Saturday)
Duration: 10:00 AM to 12:30 PM
(2½ hours)
Reporting Time: 09:30 AM
No Entry After: 10:30 AM
Cannot Leave Before: 12:30 PM

Paste your recent
colored passport size
photograph same as
pasted on Application
Form (3.5 x 4.5 cm)

To be attested by
Principal / Gazetted
Officer

Name of the City of Examination :

Code of Exam City Centre:

Venue :

Thumb Impression :

Signature of the Candidate :

Controller of Exams (Edn)

See reverse for important instructions

i n s k i =

i n s k i =

1/2 k k } j k j [k t k 1/2

आवेदन फार्म सं.

कृषि अनुसंधान भवन-II, पूसा, नई दिल्ली-110012

'19TH ALL INDIA ENTRANCE EXAMINATION FOR ADMISSION TO BACHELOR DEGREE PROGRAMMES IN
AGRICULTURE AND ALLIED SCIENCES SUBJECTS (OTHER THAN VETERINARY SCIENCE) AND AWARD OF
NATIONAL TALENT SCHOLARSHIP FOR THE ACADEMIC SESSION 2014-15

अनुक्रमांक: स्ट्रीम वैकल्पिक विषय:

प्रत्याशी का नाम और पता

.....
.....
.....

परीक्षा की तिथि : 12.04.2014
(शनिवार)

अवधि : 10:00 पूर्वाह्न से 12:30 अपराह्न
(2½ घंटे)

प्रवेश का समय : 09:30 पूर्वाह्न

प्रवेश निषेध : 10:30 पूर्वाह्न

12:30 अपराह्न से पहले नहीं जा सकते

परीक्षा शहर का कोड :

प्राचार्य / राजपत्रित
अधिकारी द्वारा सत्यापित
अपना पासपोर्ट आकार
का वही रंगीन फोटोग्राफ
चिपकार (3.5 x 4.5 सेंमी)
जो आवेदन पत्र पर
चिपकाया है।

परीक्षा वाले शहर का नाम :

स्थान :

अंगूठे का निशान :

प्रत्याशी के हस्ताक्षर :

परीक्षा नियंत्रक (शिक्षा)

महत्वपूर्ण अनुदेशों के लिए कृपया पीछे देखें

ACKNOWLEDGEMENT CARD / पावती पत्र

Application No.

आवेदन संख्या

Dated:

दिनांक :

This is to acknowledge the receipt of your application for 19th All India Entrance Examination for Admission to Under-graduate Degree Programmes and Award of National Talent Scholarships in Agriculture and Allied Subjects other than Veterinary Science for the Academic Session 2014—2015.

Please quote your application number, centre code in all correspondence.

शैक्षणिक सत्र 2014—15 (19th AIEEA-UG) के लिए पशु चिकित्सा विज्ञान के अतिरिक्त कृषि तथा संबद्ध विषयों में स्नातक उपाधि कार्यक्रमों में प्रवेश तथा राष्ट्रीय प्रतिभा छात्रवृत्ति दिए जाने के लिए आपके आवेदन की प्राप्ति की जानकारी दी जाती है। कृपया किसी भी भावी पत्राचार में अपनी आवेदन संख्या, केंद्र कोड अवश्य लिखें।

The Controller of Examinations (Edn.)

Examination Cell, Education Division

ICAR, Room No. 216, Krishi Anusandhan Bhavan-II

Pusa, New Delhi-110 012

City of Exam Centre (Code No.)

(To be written by the Candidate)

परीक्षा का केंद्र (कोड सं.)

प्रत्याशी द्वारा लिखा जाना है

--	--

परीक्षा नियंत्रक (शिक्षा)

परीक्षा कोष्ठ, शिक्षा प्रभाग

भारतीय कृषि अनुसंधान परिषद

कमरा नं. 216, कृषि अनुसंधान भवन-II

पूसा, नई दिल्ली-110012

Candidate to
Affix Postage
Stamp of 6.00
प्रत्याशी 6.00रु.
की डाक टिकट
लगाएं

Address of the Candidate
(To be written by the Candidate)

प्रत्याशी का पता
(प्रत्याशी द्वारा लिखा जाना है)

To /सेवा में,

PINCODE

--	--	--	--	--	--	--

पिन कोड

Entrance Exam (AIEEA-UG-2014) Fee Deposit Challan	
(Bank's Copy)	
ICAR, Education Division, KAB-II, Pusa, New Delhi	
Academic Year 2014-15	
Syndicate Bank, Payable at all Branches of Syndicate Bank in India (During 20.12.2013 to 07.02.2014 and for remote areas up to 14.02.2014)	
Name of the Branch.....	
Branch Code No.....	
Beneficiary Name : ICAR Unit-Education Division, ICAR New Delhi.	
Beneficiary's Bank Account No.:24133050000020	
Beneficiary's Branch: KAB, Pusa, MICR-110025166	
Exam Fee Paid: (✓ appropriate category)	
Under-graduate (UG) Programme:	
<input type="checkbox"/> For Gen/OBC/ UPS** Category	₹ 500.00*
<input type="checkbox"/> For SC/ ST/ PC Category	₹ 250.00*
Bank Commission:	₹ 25.00
Total Fee Paid:	
Transaction ID No.:_____	
(to be filled by the Branch carefully)	
Particulars of Candidate	
OMR Application Form No.:_____	
Name: _____	
Father's Name: _____	
Address: _____	
Phone/ Mobile No.:_____	
Depositor's Signature:_____	
Cashier Signature: _____	
(With Bank Stamp)	
Care: Application Form No. to be filled in correctly in the system by the branch official "Registration-ID/Ref-No."	
*Strike off which ever is not applicable. ** Under Privileged State namely, (i) Andaman & Nicobar Island, (ii) Arunachal Pradesh, (iii) Dadra and Nagar Haveli, (iv) Daman & Diu, (v) Goa, (vi) Lakshadweep, (vii) Manipur, (viii) Meghalaya, (ix) Mizoram, (x) Nagaland, (xi) Sikkim and (xii) Tripura	

Entrance Exam (AIEEA-UG-2014) Fee Deposit Challan	
(Candidate's Copy)	
ICAR, Education Division, KAB-II, Pusa, New Delhi	
Academic Year 2014-15	
Syndicate Bank, Payable at all Branches of Syndicate Bank in India (During 20.12.2013 to 07.02.2014 and for remote areas up to 14.02.2014)	
Name of the Branch.....	
Branch Code No.....	
Beneficiary Name : ICAR Unit-Education Division, ICAR New Delhi.	
Beneficiary's Bank Account No.:24133050000020	
Beneficiary's Branch: KAB, Pusa, MICR-110025166	
Exam Fee Paid: (✓ appropriate category)	
Under-graduate (UG) Programme:	
<input type="checkbox"/> For Gen/OBC/ UPS** Category	₹ 500.00*
<input type="checkbox"/> For SC/ ST/ PC Category	₹ 250.00*
Bank Commission:	₹ 25.00
Total Fee Paid:	
Transaction ID No.:_____	
(to be filled by the Branch carefully)	
Particulars of Candidate	
OMR Application Form No.:_____	
Name: _____	
Father's Name: _____	
Address: _____	
Phone/ Mobile No.:_____	
Depositor's Signature:_____	
Cashier Signature: _____	
(With Bank Stamp)	
Important: Candidate must ensure that the Transaction-ID is filled in properly by the Bank	
*Strike off which ever is not applicable. ** Under Privileged State namely, (i) Andaman & Nicobar Island, (ii) Arunachal Pradesh, (iii) Dadra and Nagar Haveli, (iv) Daman & Diu, (v) Goa, (vi) Lakshadweep, (vii) Manipur, (viii) Meghalaya, (ix) Mizoram, (x) Nagaland, (xi) Sikkim and (xii) Tripura	

Entrance Exam (AIEEA-UG-2014) Fee Deposit Challan	
(ICAR's Copy)	
ICAR, Education Division, KAB-II, Pusa, New Delhi	
Academic Year 2014-15	
Syndicate Bank, Payable at all Branches of Syndicate Bank in India (During 20.12.2013 to 07.02.2014 and for remote areas up to 14.02.2014)	
Name of the Branch.....	
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Exam Fee Paid: (✓ appropriate category)	
Under-graduate (UG) Programme:	
<input type="checkbox"/> For Gen/OBC/ UPS** Category	₹ 500.00*
<input type="checkbox"/> For SC/ ST/ PC Category	₹ 250.00*
Bank Commission:	₹ 25.00
Total Fee Paid:	
Transaction ID No.:_____	
(to be filled by the Branch carefully)	
Particulars of Candidate	
OMR Application Form No.:_____	
Name: _____	
Father's Name: _____	
Address: _____	
Phone/ Mobile No.:_____	
Depositor's Signature:_____	
Cashier Signature: _____	
(With Bank Stamp)	
Important: Candidate must submit this slip with application form.	
*Strike off which ever is not applicable. ** Under Privileged State namely, (i) Andaman & Nicobar Island, (ii) Arunachal Pradesh, (iii) Dadra and Nagar Haveli, (iv) Daman & Diu, (v) Goa, (vi) Lakshadweep, (vii) Manipur, (viii) Meghalaya, (ix) Mizoram, (x) Nagaland, (xi) Sikkim and (xii) Tripura	

प्रत्याशी के लिए निर्देश

1. परीक्षा की तिथि : शनिवार 12 अप्रैल 2014
 2. अवधि : 2 ½ घंटे (10.00 पूर्वाह्न से 12.30 अपराह्न)
 3. (क) ओ.एम.आर. आवेदन मेल करने से पूर्व कृपया देखें कि :
 - (i) आवेदन पत्र पर निर्धारित स्थानों पर हस्ताक्षर किए गए हैं।
 - (ii) आपका हाल का स्पष्ट रंगीन फोटोग्राफ (पासपोर्ट आकार का) निर्धारित स्थान पर चिपका दिया गया है।
 - (ख) प्रस्तुत करते समय आवेदन को निम्नानुसार व्यवस्थित करना चाहिए :
 - (i) अपना पता लिखा तथा टिकट लगा हुआ पावती स्वीकृति कार्ड
 - (ii) आवेदन फार्म, पूरी तरह भरा हुआ
 - (iii) प्रवेश पत्र (कार्यालय प्रति) की एक प्रति, पूरी तरह भरी हुई और सत्यापित। अन्य प्रति (पूरी तरह भरे हुए प्रवेश पत्र की प्रत्याशी की प्रति प्रत्याशी को अपने पास रखनी चाहिए)। **इस कार्यालय द्वारा प्रवेश पत्र अलग से नहीं भेजा जाएगा।**
 - (ग) ऑनलाइन आवेदन पत्र तथा डाउनलोड करने योग्य प्रॉस्पेक्टस भा.कृ.अ.प. की वेबसाइट पर उपलब्ध रहेगा। प्रत्याशियों को इस तकनीक से अवगत होने तथा इसका अभ्यास करने के लिए एक डेमो ऑनलाइन आवेदन पत्र वेबसाइट www.icar.org.in पर उपलब्ध हो सकता है तथा इसे क्लिक करने पर ऑनलाइन आवेदन AIEEA-UG-2014 आवेदन फाइल हो सकेगा। **प्रत्याशी को अलग से प्रॉस्पेक्टस खरीदने या हाथ से ओ.एम.आर. शीट भरने की आवश्यकता नहीं है।**
- मार्च 2014 के अंतिम सप्ताह के पश्चात दिए गए अनुक्रमांक, परीक्षा के स्थान व केंद्र के संबंध में प्रवेशपत्र संबंधी सूचना भा.कृ.अ.प. की वेबसाइट www.icar.org.in से डाउनलोड की जा सकती है। इसके लिए प्रत्याशी को आवेदन पत्र संख्या और/या अपनी जन्मतिथि उपलब्ध करानी होगी। प्रवेश पत्र की अपने पास रखी गई प्रति (प्रत्याशी की प्रति) प्रत्याशी द्वारा स्वयं भरी जानी है तथा इसे उस महाविद्यालय के डीन/प्रधानाचार्य द्वारा सत्यापित किया जाना चाहिए जहां उसने सबसे बाद में अध्ययन किया है या इसे किसी राजपत्रित अधिकारी द्वारा सत्यापित किया जाना चाहिए। प्रत्याशी को महाविद्यालय/विश्वविद्यालय में सीट आबंटित किए जाने तक यह प्रवेश पत्र (प्रत्याशी की प्रति) अपने पास सुरक्षित रखना होगा।
4. अपूर्ण/गैर हस्ताक्षरित/खराब हो गए आवेदन फार्म या/फोटोग्राफ के बिना फार्म/अस्पष्ट फोटोग्राफ वाले फार्म/काट-पीट कर बार-बार लिखे गए फार्म, वांछित शुल्क के बिना या निर्धारित शुल्क से कम राशि वाले आवेदन पत्र अस्वीकार कर दिए जाएंगे और इस संबंध में किसी भी प्रकार का पत्राचार स्वीकार नहीं किया जाएगा।
 5. आवेदन फार्म में दिए गए किसी भी विवरण को परिवर्तित करने का बाद में किया गया अनुरोध किसी भी हालत में स्वीकार नहीं किया जाएगा।
 6. प्रवेश परीक्षा में प्रत्याशी का प्रवेश अनंतिम है और यदि वह किसी भी समय संबंधित पाठ्यक्रम में प्रवेश के लिए पात्र नहीं पाया जाता है, तो उसे परीक्षा में शामिल नहीं होने दिया जाएगा।
 7. प्रत्याशी को परामर्श दिया जाता है कि जो फोटोग्राफ उसने फार्म पर चिपकाया है उसकी कम से कम 3 प्रतियां अपने पास रखे ताकि काउंसिलिंग/प्रवेश के दौरान उनका बाद में उपयोग हो सके।
 8. एक प्रत्याशी को केवल एक आवेदन पत्र प्रस्तुत करने की ही अनुमति है। यदि कोई प्रत्याशी एक से अधिक आवेदन पत्र प्रस्तुत करता है तो उसकी पात्रता को रद्द कर दिया जाएगा। अनुसूचित जाति/अनुसूचित जन जाति/शारीरिक रूप से विकलांग श्रेणियों के लिए बने या निर्धारित फार्म पर यदि कोई सामान्य/अन्य पिछड़ा वर्ग/यू.पी.एस. श्रेणी का प्रत्याशी आवेदन करता है तो उसका आवेदन तत्काल अस्वीकार कर दिया जाएगा।
 9. आवेदन पत्र मूल रूप से तथा हर प्रकार से पूर्ण भेजा जाना चाहिए। **आवेदन की फोटो/फैक्स की गई प्रति या फार्म की नमूना प्रति पर आवेदन को स्वीकार नहीं किया जाएगा।** आवेदन रजिस्टर्ड/पंजीकृत डाक के माध्यम से काफी पहले भेजा जाना चाहिए और यह सुनिश्चित किया जाना चाहिए कि यह 07.02.2014 तक इस कार्यालय में पहुंच जाए। सुदूर क्षेत्रों में रहने वाले प्रत्याशियों के आवेदन 14.02.2014 तक पहुंच जाने चाहिए। निजी कूरियर सेवाओं द्वारा भेजे गए आवेदनों को प्राप्त या स्वीकार नहीं किया जाएगा।
 10. भरे गए आवेदनों की प्राप्ति में डाक संबंधी किसी भी देरी/क्षति के लिए परिषद उत्तरदायी नहीं है और इसी प्रकार काउंसिलिंग पत्र आदि को प्रत्याशी द्वारा प्राप्त किए जाने के लिए भी परिषद उत्तरदायी नहीं है।
 11. प्रत्याशियों को परामर्श दिया जाता है कि वे अपने रिकॉर्ड के लिए आवेदन पत्र की एक फोटो प्रति अपने पास रखें। इसे आवेदन प्रस्तुत किए जाने के समर्थन या प्रमाण के रूप में कभी भी इस्तेमाल किया जा सकता है। इसके साथ ही प्रत्याशी को डाकघर की रसीद को भी सुरक्षित रखना चाहिए। यह रसीद इस बात का प्रमाण होगी कि उसने आवेदन पत्र पंजीकृत डाक या स्पीडपोस्ट से भेजा है। प्रवेश पत्र न होने पर इन दस्तावेजों के बिना प्रत्याशी को **परीक्षा** में सम्मिलित नहीं होने दिया जाएगा।
 12. परिसर के अंदर या परिसर के बाहर किसी भी प्रकार की रैगिंग की सख्त मनाही है।
 13. अनजाने में या जान बूझकर इस परीक्षा के लिए कोई भी गैरकानूनी या बेइमानी से किया गया प्रयास स्वीकार नहीं किया जाएगा और ऐसा करने पर प्रत्याशी की पात्रता किसी भी अवस्था में स्वयं ही रद्द हो जाएगी और इसके साथ ही उसके विरुद्ध यथावश्यक कानूनी कार्रवाई भी की जाएगी।
 14. प्रत्याशी कोई भी सूचना केवल निर्धारित तिथि और समय के अनुसार ही प्राप्त करने का पात्र है।
 15. **AIEEA-UG के सभी रिकॉर्ड काउंसिलिंग की अंतिम तिथि से केवल छह माह की अवधि तक ही सुरक्षित रखे जाएंगे।**

डाक का पता
परीक्षा नियंत्रक (शिक्षा)
परीक्षा कोष्ठ, शिक्षा प्रभाग
भारतीय कृषि अनुसंधान परिषद
कमरा नं. 216, कृषि अनुसंधान भवन-II
पूसा, नई दिल्ली - 110012

संपर्क: दूरभाष संख्या
हेल्पडेस्क दूरभाष संख्या : 011-25843392
फैक्स संख्या : 011-25843329

DIRECTIONS TO CANDIDATE

1. Day and Date of Examination : Saturday, the 12th April 2014
2. Duration : 2½ hrs (10.00 AM to 12.30 PM)
3. (a) Before mailing OMR application, check that:
 - (i) Application has been signed at specified places on the Form.
 - (ii) Recent clear coloured photographs (passport size) have been pasted in the space earmarked.
- (b) While submitting, application may be arranged in the following order.
 - (i) Self addressed and stamped Acknowledgement Card
 - (ii) Application Form, duly filled
 - (iii) One copy of Admit Card (**Office copy**), duly filled and attested {other copy i.e. **Candidate copy** of admit card duly filled-in must be retained by the candidate}. **No dispatch of Admit Card by this office shall be made separately.**
- (c) Online Application and downloadable prospectus will be available on ICAR website. For acquainting the candidates with this technique and practicing, a Demo Online application form will be available. Candidate has to visit www.icar.org.in and click the option of filling online application AIEEA-UG-2014. **He/ she need not to purchase the separate prospectus or fill the form manually on OMR Sheet.**

Last week of March 2014, Admit Card information in respect of Roll Number allotted and the Center and Venue of Examination assigned would be downloadable from the ICAR website by providing the Application Number and/or Date of Birth. A copy of Admit card (*candidate copy*) retained by the candidate is to be filled by the candidate him/herself and got attested by Head/Principal of the School/ College last attended/Gazetted Officer. Candidate must preserve the Admit Card (*candidate copy*) till final admission.

4. Incomplete/ Unsigned/ Mutilated Application Form or/ Form without Photograph/ with unclear Photograph/ Form having overwriting/ without requisite fee amount or amount lesser than prescribed fee shall be summarily rejected and no correspondence in this regard shall be entertained.
5. Request for change in any particulars once given in the Application Form shall not be entertained under any circumstances.
6. Admission of a candidate to the entrance examination is provisional subject to his/ her being found otherwise eligible for admission to the course concerned by the university concerned.
7. Candidates are advised to retain at least three identical photographs as pasted on the Form for subsequent use during counseling/ admission.
8. A candidate is allowed to submit only one Application. If a candidate submits more than one Application, his/ her candidature shall be cancelled. General /OBC/UPS category candidate applying on Form meant for SC/ ST/PC category shall be summarily rejected.
9. Application must be sent in original and duly completed in all respects. **Photo/ Fax copies of Application and Application on Specimen copy of the Form shall not be considered.** Application is to be dispatched through **Registered/ Speed Post** well in advance so as to reach on or before 07.02.2014 from non-remote areas whereas the date for remote areas is 14.02.2014. Application shall not be received through Private Courier Services.
10. Council shall not be responsible for any postal delay/ loss in transit in respect of submission of filled Application, non-receipt of Counselling letter, etc.
11. Candidates are advised to retain a photocopy of the Application for their personal record. It may be used at any time in support of having submitted application and also retain a copy of Post Office receipt for dispatch through Registered Post or Speed Post. In the absence of Admit Card, without these papers, the candidate shall not be allowed to appear in the Examination.
12. Ragging in any form inside or outside the campuses is strictly prohibited.
13. Use or attempt to use unfair means of any kind for this examination including impersonation will automatically lead to the cancellation of candidature at any stage besides taking the legal action as deemed fit.
14. Candidate is required to seek any information as per scheduled date and time only.
15. **The records of the AIEEA-UG shall be preserved for a period of six months only from the last date of counseling.**

Postal Address:

Controller of Examinations (Edn)
Examination Cell, Education Division
Indian Council of Agricultural Research
Room No. 216, Krishi Anusandhan Bhavan-II
Pusa, New Delhi 110 012

Contact Numbers:

Help Desk Phone No: 011-25843392
Fax No.: 011- 25843329