

From

The Registrar,  
CCS Haryana Agricultural University,  
Hisar.

To

All Deans/Directors/HODs/Offices/Sections/  
(including outstations),  
CCS HAU Hisar

Memo No. Acad/06/A6/

Dated:

**Subject: Corrigendum**

It is to inform that the minimums qualification for admission to Ph.D. programme as mentioned in rule 21 page 28 of the prospectus 2006-07 be read as 6.5(10.00 basis) in stead of a grade point average of 7.0 (10.00 basis) at Master's level.

The amended qualification is as under:

“The minimum qualifications for admission of fresh as well as in-service candidates shall be 60% marks (where OGPA is not given) or a grade point average of **6.5 (10.00 basis)** at Master's level in the subject concerned(Special requirement of subjects for admission to Basic Sciences and Veterinary disciplines is given below) from recognized university. The marks obtained of the project report will not be included in the aggregate marks at the time of preparation of merit”.

This is for your information and necessary action.

**REGISTRAR**

CC:

1. The Secretary to Vice-Chancellor, CCS HAU Hisar.
2. P.S. to Registrar
3. All Asstt. Registrars(Internal)
4. A-2 and A-4 (Internal)

**Chaudhary Charan Singh  
Haryana Agricultural University,  
Hisar**

**ADMISSION NOTICE (2<sup>nd</sup> Semester) – Corrigendum thereof**

This is in continuation to our advertisement notice appeared on 23.10.2006 regarding admission to Ph.D. Programmes. It is for the information of the candidates that the qualification for Ph.D. Programmes has been revised from 7.00/10.00 to 6.5/10.00. The last date for submission of application has also been extended to 4-12-2006 without late fee and 11.12.2006 with late fee of Rs.100/-.

**Registrar**



### **Important Instructions**

1. Ragging in the University is banned.
2. A copy of University Calendar Volume II will be supplied to all the students by the Dean of the college at the time of 1<sup>st</sup> registration. All the students should go through the rules and regulations. No relaxation will be given in any case. For any clarification for undergraduate programme Assistant Registrar (Academic) be contacted in room no.204, Fletcher Bhawan, CCS HAU, Hisar or on phone 01662-231171 Extn.9271, 287291. For Postgraduate programme Assistant Registrar(PGS) be contacted in PG Block or on phone 01662-231171 Extn. 9327, 289327.
3. Every student is required to attend at least 75% of the lectures delivered and practicals conducted separately in each course, from the start of the classes of a semester, for being eligible to appear in the examination.
4. Name of such student shall be struck off whose attendance in aggregate is below 33%. at the end of semester/year, as the case may be.

## IMPORTANT DATES

1. Prospectus shall be on sale:
  2. Last date for receipt of admission form:
- } See rule 1.1 page 8
3. Entrance Test for Admission to :  

B.V.Sc. & A.H. & B.Sc.(Hons.) Ag.	: 17.6.2006 10.00 am
M.Sc.- Food Sc. & Tech.	} : 17.6.2006 10.00 a.m.
M.Sc. – Biotechnology & Molecular Biology	
M.Sc. – Bioinformatics	
- Note: Admission to MBA and B.Tech. Agril. Engg. will be made as per Haryana Government Policy.**
4. Date of counselling/admission Pages **50 to 52**
  5. In addition to postal correspondence, efforts shall be made to provide roll nos and result of entrance tests etc. on website <http://hau.ernet.in> [www.examresults.net](http://www.examresults.net) and [www.indiaresult.com](http://www.indiaresult.com). Candidate are advised to visit these websites. Result will be also sent to BSNL.
  6. Above details regarding PG Diploma courses : **Page 72 to 84**
- Price : 

{	Rs. 350/- (Rs. 90/- for SC / BC)	At University Counter
	Rs. 375/- (Rs. 115/- for SC/ BC)	At Main Post Offices at Distt. Head quarters in all over Haryana, Kaul and Bawal.
	Rs. 400/- (Rs. 140/- for SC / BC)	By Registered Parcel

		<b>Telephones</b>	
		<b>Office</b>	<b>Residence</b>
Chancellor	<i>His Excellency, Dr. A.R. Kidwai Governor of Haryana</i>	2740654	2740643
<i>Vice-Chancellor</i>	Dr. J.C. Katyal	284301 231640	284342 231238
Registrar	Dr. M.S.Kuhad	234613	227426
Dean Postgraduate Studies	Dr. S.S. Dahiya	284314	224770
Deans of Colleges	College of Agril. Engg. & Tech. Dr. Pratap Singh	284313	228809
	College of Agriculture Dr. D. C. Gupta	284308	244626
	College of Animal Sciences Dr.Narender Singh Yadav	284309	226462
	College of Basic Sci. & Humn. Dr. Vijay K. Chowdhury	284310	244985 322592
	College of Home Science Dr. Neelam Khetarpaul	284311	237500 233300
Director	College of Veterinary Sciences Dr. S. K. Nagpal	284312	224141
	Ch. Devi Lal Centre for Food Science & Technology	289204	
Principal of College	College of Agriculture, Kaul Dr. R. K. Bakshi	254536	254536
Director Students Welfare	Dr. Bharat Singh	284315	9416473645
Controller of Examination	Dr. K.P.Singh	284304	235076

**For any kind of inquiries relating to prospectus and admission etc. contact**

<b>For under graduate Programme</b>	<b>For Postgraduate Progoramme</b>
Sh. Anil Bakshi, Asstt. Registrar (Acad.) Phone No. 01662-231171 Ext. 9271, 289271 Fax No. 01662-234613 (Office) 01662-270452(Residence)	Sh. Chetan Parkash Asstt. Registrar (PGS) Phone No. 01662-231171 Ext. 9327, 289327 01662-240530 (Residence)

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## I

### IMPORTANT RULES /EVENTS

- (क) प्रवेश-प्रपत्र देने की अन्तिम तिथि का पालन किया जाना आवश्यक है। अन्तिम तिथि के पश्चात प्राप्त प्रवेश-पत्र रद्द होने के सम्बन्ध में कोई अभ्यावेदन स्वीकार नहीं किया जायेगा।
- a) Strictly adhere to last date for submission of admission form. No representation will be entertained for rejection of form, if received after the scheduled date.
- (ख) सम्बन्धित कार्यक्रम से पहले से सुनिश्चित किया जाये कि निर्धारित योग्यतायें पूर्ण हैं। फार्म सावधानीपूर्वक भरे जायें तथा कोई भी कालम खाली न छोड़ें। आवेदन-पत्र प्राप्ति के बाद श्रेणी/वर्ग परिवर्तन की अनुमति नहीं दी जायेगी। यदि कालम संख्या 3 के अर्न्तगत दर्शायी गई श्रेणी/वर्ग स्पष्ट नहीं है तो यह सामान्य श्रेणी/वर्ग समझी जायेगी।
- b) Ensure fulfilling of qualifications prescribed for admission to the relevant programme. Form should be filled in carefully and no column left blank. Once form is submitted, no change in category is permissible. In case category is not clearly indicated in column No. 3 it will be treated for 'General Category'.
- (ग) निर्धारित तिथि तक सामान्य एवं सम्पूर्ण कागजात/दस्तावेज आदि प्रस्तुत करने का उत्तरदायी स्वयं आवेदक होगा। निर्धारित तिथि तक प्रमाण-पत्र इत्यादि प्रस्तुत न किये जाने की स्थिति में मन्त्रणा/साक्षात्कार के समय मूल प्रमाण-पत्र प्रस्तुत न करने पर आवेदक को अयोग्य घोषित किया जा सकता है।
- c) Responsibility for submission of complete and proper documents by the date prescribed is of the candidate. Non-submission of documents by the due date or non-production of original documents at the time of counselling shall make a candidate ineligible for admission.

- (घ) ऐसे आवेदक, जिनका परिणाम प्रवेश-परीक्षा की विवरणिका में निर्धारित तिथि तक घोषित न होने पर प्रवेश हेतु विचार नहीं किया जायेगा। चाहे, ऐसे उम्मीदवार जिनका परिणाम प्रकाशित नहीं हुआ है किन्तु बोर्ड/विश्वविद्यालय द्वारा गोपनीय रूप से प्रतिपादित हुआ हो, दाखिले के लिए विचार नहीं किया जायेगा।
- d) Such candidates, whose result of the qualifying examination is not publically declared by the date indicated in the prospectus, will not be considered for admission. Even such candidates, whose result has not been declared publically but confidentially conveyed by the Board/University, shall not be considered for admission.
- (ङ.) साक्षात्कार के समय व्यक्तिगत उपस्थिति आवश्यक है। प्रार्थी को अगले साक्षात्कार में योग्य माने जाने के लिए पूर्ण हस्ताक्षर करके उपस्थिति दर्ज करवानी आवश्यक है।
- e) Attendance in person at the time of counselling is compulsory. Candidate must mark his/her attendance by putting his/her full signatures so as to be eligible for consideration at the next counselling.
- (च.) साक्षात्कार के समय देय राशि का भुगतान करने के पश्चात्, निर्धारित तिथि पर पंजीकरण अनिवार्य है अन्यथा दाखिला स्वतः रद्द समझा जायेगा तथा जमा कराई गई राशि वापिस नहीं दी जायेगी।
- f) After payment of dues at the time of counselling, **registration on scheduled date is a must**, failing which admission shall stand automatically cancelled and dues deposited forfeited.

## II

### **INTERPRETATION OF RULES & REGULATIONS ETC. AND THE REMEDIES PROVIDED IN RESPECT OF ADMISSION POLICY**

In the event of any inconsistency amongst the rules framed for admission policy etc. or in the event of any clarification with respect to the above said rules, the matter shall be referred to the Vice-Chancellor and the interpretation given by the Vice-Chancellor shall be final. The Vice-Chancellor is also competent to eliminate any inconsistency and decide as to which provision shall take precedence over the others.

#### **Remedies**

If any applicant or any other person is of the opinion that in his/her case, the rules framed for admission etc. have not been followed, in that event he/she shall make an application outlining clearly the deviation in his/her opinion to the Vice-Chancellor. The Vice-Chancellor shall consider the application in the light of relevant rules and his decision in the matter shall be final.

#### **Disclaimer**

The statements made in this Prospectus and all other information contained herein are believed to be correct at the time of publication. However, the competent authority reserves the right to make, at any time without notice, additions and alterations in the regulations, conditions governing admissions, the code of conduct of students, requirements for the degree or the diploma, fees and any other information or statement/rule contained in this Prospectus. Competent authority may delete any programme of studies indicated in the prospectus, at any time without notice or reduce or enhance the number of seats for reasons to be recorded in writing. No responsibility shall be accepted by the University for hardships or expenses incurred by the students or any other person for such changes, additions, omissions, or errors, no matter how they are caused.

#### **Jurisdiction**

Jurisdiction for all disputes is at Hisar.

### III

#### INTRODUCTION

##### MEANING AND SCOPE OF THE PROSPECTUS

It is a brief compilation of information and not an exhaustive detail of all the regulations made by the competent authority in this regard. The provisions of the Prospectus are in the shape of guidelines which are available to the candidates seeking admission and do not in any manner limit the power of any competent authority in making additional regulations regarding the admission of the students in the university from time to time.

Admissions are made in accordance with the admission rules. Since it is not possible to mention detailed procedure in the prospectus, admission rules are to be read with the instructions issued/to be issued from time to time with the approval of the Academic Council/competent authority.

##### **Competent Authority**

The original jurisdiction to make regulations regarding the admission of the students in the University is vested in the Academic Council by the Haryana and Punjab Agricultural Universities Act, 1970 (hereafter referred to as Act 1970). The provisions as reproduced in the Prospectus or the guidelines as supplied in this Prospectus shall not make precedent over the powers of the Academic Council as provided in Section 23 of the Act, 1970 and the powers of the Vice-Chancellor as contained in Section 16 of the Act, 1970 and any of the provisions of the Act, 1970 and the subsequent Statutes framed by the University from time to time.

Any provisions or guidelines produced or reproduced in the Prospectus are not final and are subject to modification effected by the competent authority under the Act & Statutes and if superseded by such decision by the competent authority, the latter will prevail and the information given in the Prospectus shall stand modified to that extent automatically.

##### **The University**

The Haryana Agricultural University was established on February 2, 1970, as a result of bifurcation of the erstwhile Punjab Agricultural University, through a Presidential Ordinance, ratified later as the Haryana and Punjab Agricultural Universities Act, 1970, passed by the Lok Sabha on 29<sup>th</sup> March, 1970. From 31<sup>st</sup> October, 1991, it has been named as “Chaudhary Charan Singh Haryana Agricultural University”.

## **The University Campus**

The main campus of the University is situated **at Hisar** at a distance of 162 km North-West of Delhi on National Highway No.10 and is 2 ½ km from the railway station and 3 km from the Bus Stand. University is spread over an area of 2918 hectares at Hisar and **522** hectares at outstations. Area at Hisar under farms is 2620 hectares and under buildings and roads is 298 hectares. During its existence so far it has made rapid progress in building an excellent infrastructure. It has one of the best developed campuses in India to meet academic and extra-curricular needs of the students.

## **CONSTITUENT COLLEGES**

The University has the following constituent colleges which offer the programmes as listed against each:

- 1. College of Agricultural Engineering and Technology, Hisar**  
B.Tech. (Agril. Engg.) and M.Tech. (Agril. Engg.) degree in the disciplines as at page 37
- 2. College of Agriculture, Hisar**  
B.Sc. (Hons) Ag., M.Sc. (Ag.), M.Sc. Forestry, M.B.A., Ph.D. degree in the disciplines as at page 36
- 3. College of Agriculture, Kaul**  
This college is situated on the Karnal Pehowa road 170 km from Delhi and 150 km from Hisar and offers B.Sc. (Hons.) Ag. programme only.
- 4. College of Animal Sciences, Hisar**  
This college offers courses to under-graduate students of other colleges and the following post-graduate programmes:  
M.V.Sc. and Ph.D. degree in the disciplines as at page 37
- 5. College of Basic Sciences & Humanities, Hisar**  
This college caters to the needs of basic science subjects, languages and social sciences to the students at undergraduate level of different colleges besides offering M.Sc., Ph.D. degree in the disciplines as at page 38. It has an established Computer Centre.

**6. Indira Chakravarty College of Home Science**

B.Sc.(Hons.) Home Science, M.Sc., Ph.D. degree in the disciplines as at page 38

All the programmes of College of Home Science are only for FEMALE candidates.

**7. College of Veterinary Sciences**

B.V.Sc. & A.H., M.V.Sc., Ph.D. degree in the disciplines as at page 39.

**8. Chaudhary Devi Lal Centre for Food Science & Technology**

M. Sc. –Food Science & Technology

**Nehru Library**

This university library, named after the first Prime Minister of India, is housed in a four-storied elegant building. It has a floor area of 9076 sq meter, seating capacity for 650 readers, 21 carrels, stack areas on 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> floors, air conditioned Reading Halls, Night Reading Hall, sprawling lobbies and other infrastructural facilities. **It has a rich collection of over 2,94,710** volumes of books, bound journals, CDs and other reading material. Over 1000 Indian and foreign Journals are subscribed every year. The students can borrow textbooks from the Book Bank for longer duration at nominal charges. The students and university staff can buy books through Bookshop at concessional rates. The Library has been fully modernized. Its catalogue and circulation transactions are fully automated . The Online Catalogue can be assessed through all nodes connected to the university net work. Six CD-ROM databases-AGRICOLA, CABI ABSTRACTS, AGRIS, BIOLOGICAL, ABSTRACTS, FOOD AND HUMAN ABSTRACTS and INDIAN SCIENCE ABSTRACTS are subscribed in the Library. These databases-located on 1<sup>st</sup> floor -are accessible to the Library Members at nominal charge. Census 2001 and a number of other books are available in electronic form which can be assessed from a PC located in the library.

**Directorate of Students' Welfare**

The directorate is responsible for the welfare of students and helps in their counselling and placement cultural and sports activities.

**(a) Hostel Facilities**

Accommodation is provided in 14 hostels of the university out of which 12 hostels (8 for men and one for married PG students and 3 for women/girls) are situated at Hisar and two hostels, one for men and one for women/girls, at Kaul campus. All the modern facilities such as gas connection, furniture, TV with cable connection, leading News Papers and

Magazine and solar water heating system are provided. All the hostels have EPABX phone facilities as well as in-coming calls facilities. Two hostel wardens look after the management of each hostel.

**(b) Giri Centre for Sports Activities**

The Giri Centre for students sports activities is an outstanding feature of this University. It has two indoor badminton courts with a seating capacity for 600 spectators, an Olympic size swimming pool, two indoor squash courts, hobby rooms, a multipurpose indoor gymnasium with a seating capacity of over a thousand spectators. A synthetic track of international standard has also been laid in the athletic stadium.

**(c) Co-curricular Activities**

The Directorate of Students' Welfare is also responsible for promotion of all co-curricular activities such as Sports, NCC, NSS, Mountaineering, Graphic Arts, Literary, Music, Dance, Drama, NIS, etc. For promotion of these activities, various trainings are arranged from time to time.

**(d) Students Counselling and Placement Cell**

The Counselling & Placement Cell of the Directorate in association with the Department of Employment, Haryana, has set up a University Employment Information and Guidance Bureau which provides information to the students on job opportunities, competitive examinations, scholarships/fellowship etc. It also conducts training's/coaching classes for the entrance examinations, and explores the job opportunities in the public and private sectors and arranges the campus interviews.

Besides, the centre brings out 'Career Bulletin' –a fortnightly magazine for students of the University to keep them abreast of information on job opportunities, admission, scholarships, fellowships etc. in India & abroad. The CCSHAU Alumni Association is also managed by this cell. Also the work is going on for the development of University Industry Linkages.

**Medical Services**

There is a well-equipped 50 bed hospital on the main campus at Hisar and outstation dispensaries at College of Agriculture, Kaul, Research Station Karnal and Bawal. The hospital at main campus is manned by a Chief Medical Officer, four Medical Officers and a Dental Surgeon, who are assisted by a number of para-medical staff to render round the clock medical aid to the students and staff.

## IV

### RULES AND REGULATIONS GOVERNING ADMISSIONS

#### 1. Admission form and prospectus

- 1.1 Candidates seeking admission to the university in any degree programme of any college may obtain prospectus and the admission form from the Assistant Registrar (Academic), Chaudhary Charan Singh Haryana Agricultural University, Hisar-125 004 on cash payment of Rs. 350/- (Rs. 90/- for SC & BC) per copy or Rs. 400/- (Rs. 140/- for SC & BC) by registered parcel by sending a crossed Indian Postal Order/Bank draft in favour of Registrar, CCSHAU **payable at the HAU Post Office/State Bank of India/The Hisar Distt. Central Cooperative Bank Ltd., CCSHAU Branch, Hisar-125 004.**

Prospectus shall also be on sale for first semester admissions against cash payment of Rs. 375/- (Rs. 115/- for SC & BC) at **Main Post Offices** of all District Headquarters of Haryana, Kaul and Bawal.

Last date for receipt of Admission Forms for 1<sup>st</sup> as well as 2<sup>nd</sup> semester admissions is as under:

Programme/admission	Last date for receipt of admission form	
	without late fee	with late fee of Rs. 100/-
<b><u>1<sup>st</sup> Semester</u></b>		
B.V.Sc. & A.H./B.Sc. (Hons) Ag./ B.Sc. (Hons) Home Science Master's Programme in all colleges Food Science & Technology, BMB & Bioinformatics	31.5.2006	7.6.2006
B.Tech.(Agril.Engg.)	To follow test/policy of Haryana State.	
MBA	To follow test/policy of Haryana State.	
<b><u>2<sup>nd</sup> Semester</u></b>		
Ph.D.	27.11.2006	4.12.2006

**Prospectus shall be on sale from 10.5.2006 for 1<sup>st</sup> semester and from 2.11.2006 for 2<sup>nd</sup> semester and closes a day in advance of last date of receipt of admission forms.**

- 1.2 Complete admission forms for Hisar as well as Kaul be submitted by the prescribed date to the following:
- Asstt. Registrar (Acad) CCSHAU, Hisar-for UG programmes
  - Asstt. Registrar (PGS) CCSHAU, Hisar-for PG programmes
- 1.3 Submission of admission forms :

Candidates seeking admission in any programme should apply on prescribed form, as under:-

1. M.Sc./M. Tech./M.V.Sc. & Ph.D. Single form for **each college** with counselling fee of Rs.150/- (Rs. 40/- for SC & BC candidates).
2. M.Sc. – Food Science & Technology  
M.Sc. – BMB  
M.Sc. – Bioinformatics Single form with entrance test fee of Rs. 700/- (Rs.175/- for SC & BC candidates).
3. BVSc&AH., B.Sc. (Hons) Ag. and B.Sc.(Hons.) Home Science Single form for the three programmes but candidates shall have to pay the fee as under: -

BVSc&AH and B.Sc.(Hons.) Ag. only:  
Entrance test fee of Rs.500/- (Rs.125/- for SC and BC candidates).

BVSc&AH/B.Sc. (Hons.) Ag. and B.Sc. (Hons.) Home Science : Fee of Rs. 650/- (Rs. 165/- for SC and BC candidates).

B.Sc.(Hons) Home Science only:  
Counselling fee of Rs. 150/- (Rs. 40/- for SC and BC candidates).

Counselling, entrance test and late fee etc. is non-refundable.

Candidates are required to indicate clearly the programme for which interested and also add fee with admission form accordingly.

**Entrance test/counselling fee be sent through crossed bank draft issued in favour of Registrar, CCSHAU, Hisar, drawn on SBI/The Hisar District Central Cooperative Bank Ltd., CCS HAU Branch, Hisar.**

Fee paid is neither refunded nor adjusted under any circumstances.

1.4 Candidates seeking admission to Master's programme [except M.Sc.- Food Sc. & Tech, M.Sc. Biotechnology and Molecular Biology and M.Sc. Bioinformatics] are required to submit separate admission form for each college. There is no need to mention discipline but only the college i.e. candidates seeking admission to Master's programme in College of Agriculture should write M.Sc. Ag. and College of Home Sc. as M.Sc. Home Sc. and so on. Candidates seeking admission to M. V. Sc. programme in the College of Animal Science and Veterinary Sciences may apply on one form. Discipline/subject normally depends upon eligibility and availability of seat in concerned discipline/subject.

2. **Procedure of Admission-cum-Counselling is as under :**

2.1 General rules for Under-graduate & Post-graduate programmes

2.2 Admission forms received after the scheduled date shall be rejected straightway. Preliminary scrutiny of the admission forms is done by the Registrar/Dean, PGS office. Admit Card will not be sent by post in cases where entrance test fee /counselling fee/late fee is not attached with admission form. **However, candidates can pay the entrance test fee along with late fee of Rs. 100/- a day before the test and collect admit card personally.** Candidates should ensure submission of documents as per rule 5.9. However list showing deficiency in the admission form shall be displayed on the notice boards of Fletcher Bhawan or Dean, PGS office, as the case may be **within a week of the last date** and it shall be the responsibility of the candidate to consult the list. **Other deficiencies** be removed by the date fixed for first counselling failing which the candidate shall not be considered for admission. Competent authority reserves the right to reject any admission form for reasons to be recorded in writing.

- 2.3 All eligible candidates must report themselves on the date and time for Counselling failing which they will have no claim for admission. No letter in this connection shall be issued.
- 2.4 Applicants are required to bring relevant original documents on the date of first counselling (fixed for them) failing which they shall be refused admission. Original documents of candidates admitted shall be retained by Registrar's office and temporarily provided to the candidate on demand for a week or by the date of next counselling, whichever is earlier and if not returned by the date committed, admission shall stand automatically cancelled. Finally these will be returned through Dean within one month after cut off date/registration whichever is later.
- 2.5 Admission will be finalized at 1st and 2nd counselling. In addition there will be a cut off date for admission against vacant seats, if any.

**3. Postgraduate Programmes**

- 3.1 Admission Committee for the Post Graduate programmes is as under:

Dean, Postgraduate Studies	Chairman
Concerned Dean(s)/Director	Member
Registrar or his nominee	Member

**3.2 First Time for main admission (1st counselling)**

The candidate before reporting to the Admission Committee should see the latest position of the number of seats available on the chart. The candidate should then present himself/herself before the Admission Committee and give an undertaking **regarding choice of discipline**. Thereafter, he/she will be allowed provisional admission on the basis of merit, as per rules and subject to availability of seats. The candidates admitted shall have to pay fee there and then and register themselves on due date (s) failing which they will forfeit their claim of admission.

**4. Common Entrance Test – BVSc. &AH and B.Sc.(Hons.) Ag. Programmes**

4.1 All candidates seeking admission to B. V. Sc. & A. H. and B.Sc.(Hons) Ag. programmes will have to appear in Common Entrance Test (CET) to be held at Chaudhary Charan Singh Haryana Agricultural University, Hisar on 17.6.2006 (Saturday) at 10.00 am.

**There is no entrance test for candidates seeking admission to B.Sc.(Hons) Home Science.**

4.2 Candidates who fulfil the minimum eligibility conditions or have appeared in 10+2 or equivalent examination with required subjects (even if result is yet to be declared), shall be issued admit card by UPC post (those candidates whose result is not declared will be provisional). In case admit card is not received, the candidate should contact in person the Assistant Registrar (Acad.) on 16.6.2006 by 1.30 p. m. **for issuing of duplicate Admit Card on payment of charges of Rs. 20/-**

ENTRY TO THE TEST CENTRES SHALL BE ALLOWED WITH ADMIT CARD ONLY.

**4.3 Syllabus:**

(i) Syllabus for the common entrance test is at pages **63 to 68**. Details of the subjects of common entrance test are as under:

(ii)

Subject	No. of questions	No. of marks
Biology or Math. or Agri.	100	50
Physics	50	25
Chemistry	50	25
<b>Total</b>	<b>200</b>	<b>100</b>

**Duration of test = 2 ¼ hours**

**Medium of test = English**

**No negative marking.**

Candidates seeking admission to B.V.Sc. & AH are required to appear in Physics, Chemistry and Biology.

**Candidates seeking admission to B.Sc.(Hons) Agri. shall be required to appear in i) Physics, ii) Chemistry and iii) Biology/Math./Agri.**

**(iii) Qualifying marks in Entrance Test**

**B.V.Sc. & A.H.**

Minimum qualifying marks are 50% in aggregate but 40% for Scheduled Caste candidates. Merit list of only such candidates shall be prepared who qualify the Common Entrance Test.

**B.Sc. (Hons.)Ag.**

Minimum qualifying marks are 20% in aggregate but 10% for Scheduled Caste candidates. Merit list of only those who qualify the Common Entrance Test shall be prepared.

**4.4 General Instructions for Entrance Test for B.V.Sc. & A.H/B.Sc. (Hons.)Ag. and M.Sc. –FST, BMB and Bioinformatics**

- (1) Entry to the test centre would not be allowed without Admit Card.
- (2) CANDIDATES MUST BE ON THEIR SEATS 15 MINUTES IN ADVANCE OF THE START OF ENTRANCE TEST WHEREAFTER, IF CONSIDERED PROPER, THE CENTRE SUPERINTENDENT MAY ALLOW A CANDIDATE TO SIT IN THE ENTRANCE TEST UPTO 30 MINUTES OF THE START OF ENTRANCE TEST.
- (3) Every candidate must sign again on admit card available with supervisory staff at the time of Entrance Test.
- (4) Candidates must bring with them two ball pens **with blue or black ink only**. Calculator is not allowed. Answer sheet of such candidates who use pencil or ball pen of any other colour shall not be evaluated and thus debarred from admission.
- (5) Before starting writing on the answer sheets, candidates must carefully check the booklet and report the shortcoming, if any, to the supervisory staff. Once the candidates start writing on the answer sheets, no replacement shall be allowed.
- (6) Cutting and overwriting are not allowed on answer sheets. Such answers will not be credited.

- 4.5 Result of test shall be displayed on the Notice board of all the concerned colleges and Fletcher Bhawan of the university at Hisar by 27.6.2006. The result will also be communicated to candidates by UPC post. The university shall not accept responsibility for any delay or non-receipt of communication through post.
- 4.6 There is no provision for rechecking or re-evaluation of answer sheets and no enquiry in this regard shall be entertained.
- 4.7(i) **Use of unfair means in Common Entrance Test-Penalty therefor**  
Candidate (s) found guilty for use of unfair means (as defined below) shall be expelled from entrance test by Centre Superintendent./Registrar and their decision shall be final.
- (a) creating disturbance of any kind during entrance test or otherwise misbehaving in or around the entrance test centre or refusing to obey the Superintendent/ Supervisor or changes his/her seat with any candidate.
  - (b) writing his/her name or putting any identification mark on the outer cover or elsewhere in the answer sheets. Having in his/her possession or accessible to him/her papers/books/notes which may possibly be of any assistance to him/her or found giving or receiving assistance or copying any paper/book/notes or allowing any other candidate to copy from his/her answer sheets or found writing on a paper other than his/her answer sheets or using or attempting to use any other unfair means during the entrance test.
  - (c) tampering with his/her roll number on the answer sheet.
  - (d) Cellular phones, papers etc. are strictly prohibited inside entrance test centres.
- 4.7(ii) Any candidate found impersonating for another candidate or found being impersonated by another candidate during the entrance test, apart from expulsion from entrance test shall be debarred from seeking admission to any programme of this university for two subsequent academic sessions and the case may be registered with the local police.
- 4.7(iii) If use of unfair means is detected at the time of evaluation of answer sheets/interview or thereafter, the candidate (s) shall be disqualified and admission cancelled as the case may be and debarred from seeking

admission to any programme of this university for two subsequent academic sessions.

#### 4.8 **Admission Procedure – Undergraduate programmes :**

**(a) B.V.Sc. & A.H. and B.Sc.(Hons.) Ag.**

Candidates who have qualified the Common Entrance Test shall be required to report on **11.7.2006** at 9.30 am. at the College of Veterinary Science Auditorium for attendance and after obtaining attendance slip, report to the Admission Committee consisting of the Dean, College of Vety. Sciences/Agriculture and Registrar/his representative.

**(b) B.Sc. (Hons.) Home Science**

All eligible candidates who have applied for admission as per rules, are required to report on **11.7.2006 at 2.00 p.m. at the College of Home Science Auditorium** for attendance and after obtaining attendance slip report to the Admission Committee consisting of the Dean of the College concerned and Registrar/his representative.

Admission shall be allowed on merit of the aggregate marks obtained at the level of educational requirements as laid down in rule-19 and on the basis of availability of seat(s) in the relevant programme.

**(c) General for B.V.Sc&AH/B.Sc.(Hons.)Ag./B.Sc.(Hons) Home Science**

Admission shall be allowed on the basis of availability of seat (s). Candidates admitted shall have to pay fees etc. there and then.

Candidates admitted are required to report for registration on due date (s) failing which they will forfeit their fee and claim of admission.

Such candidates who are lower in rank or otherwise and could not get admission to the choice of their programme shall have to mark their attendance and report again on the next schedule of admissions as indicated in Annexure-II

A candidate who refuses admission on his turn, will not be considered for admission to that programme again in the subsequent schedule (s).

**5. General conditions governing undergraduate and postgraduate admissions**

**5.1 Filling of vacant seats**

Seats remaining vacant due to any reason after first schedule/counselling or main admission and seats fallen vacant subsequently due to any reason including non-registration by the students already admitted, shall be filled in on the date of 2nd schedule/counselling as indicated for filling up of vacant seats in Annexure-II. If any seat remains vacant, this shall be filled on the cut off date as mentioned in Annexure-II. There will be no admission after the cut off date and seat(s) remaining vacant shall be treated as cancelled.

**5.2** No intimation letter regarding admission shall be sent to any candidate. Candidates shall have to report to the Admission Committee as indicated in Annexure-II.

Admission of foreigners shall, however, be made in absentia on the basis of documents received through competent authority. Sponsoring authority will be informed about admission of foreigners with a copy to the candidate.

**5.3** The candidates shall get themselves medically examined (after depositing the fee etc.) from Chief Medical Officer of this university, submit medical certificate to the Dean concerned and complete registration on due date as indicated in Annexure-II. Candidates found medically unfit shall not be allowed registration and their Admission stands automatically cancelled and their dues shall be refunded. Admission of those candidates, who fail to report for registration on scheduled date, shall also stand cancelled and dues paid are not refundable.

**5.4 Admission against reserved seats**

In the case of reservation quota, merit will be determined *inter se* amongst the candidates belonging to that category. Roster system as in Annexure-IV shall be followed for only limited purpose of working out the number of seats for each category for undergraduate and Master's

programmes college wise and not for any other purpose and the other admission rules shall not be affected.

**5.5** Before coming for the counselling; the candidates should study the admission rules carefully and make sure that they fulfil the qualifications prescribed for admission.

**5.6 The admission procedure involves the following:**

- (i) Submission of all original documents and verification at the time of 1<sup>st</sup> counselling fixed for them.
- (ii) Medical examination.
- (iii) Depositing the fee.
- (iv) Registration on due date.

Admission procedure will complete only after registration for the programme on the dates notified.

**5.7 Presence of candidates**

Presence of the candidate is must for the following events failing which the admission shall be treated as cancelled. Fees and dues deposited shall stand forfeited and the seat considered vacant and filled up as per rules.

- (i) Entrance examination, where prescribed
- (ii) 1st, 2nd and 3rd day/time (both days/time) of counselling and admission dates and time as indicated in (Annexure-II).
- (iii) On the date fixed for filling of vacant seats, if interested to be considered for admission as per rule 5.1 (page 16).
- (iv) Medical examination
- (v) On the date for registration (Annexure-II) or as mentioned in the admission order.

**5.8 Submission of result**

- (i) Prescribed admission form should be submitted by the candidate by the due date.
- (ii) Result be submitted a day in advance of Entrance test or at the time of 1st counselling to the Admission Committee.
- (iii) In case due to certain reasons the result of a particular candidate is not declared alongwith general results he/she shall have no claim for admission if his/her result is declared after the date of 1<sup>st</sup> counselling/verification of documents.

**5.9** Self attested copies of the following documents are required to be attached with admission form:

a) For all candidates

- i) Matric Certificate with Date of Birth and Father's name.
- ii) Haryana Resident Certificate (HRC) (annexure-V) as per instructions issued by the Chief Secretary to Govt. Haryana vide letter No. 22/28/2003 3GS III dated 30.1.2004
- iii) Character Certificate (CC) from the institute last attended. The candidates who have passed qualifying examination earlier and there is gap of more than one year (other than the pursuit of studies in an institution/college) shall give an affidavit duly attested by 1<sup>st</sup> class Magistrate regarding their non-enrolment in any institution.
- iv) **One clear photograph with white background and without attestation be pasted on admission form.** Photograph must be snapped with a placard indicating name of the candidate and date (1st January, 2006 or afterwards) on which photograph was taken (this date should not be super imposed on photograph after it has been snapped).

Note: In case result has been declared publically but certificate/degree of qualifying examination has not been issued by the concerned Board/University, candidates shall have to produce authentic proof of Provisional Degree Certificate/Mark sheet/OGPA from Head of the Institute last attended.

b) For candidates seeking admission to Under-graduate programmes

In addition to certificates listed at (a) above, 10+2 or equivalent certificate.

c) For candidates seeking admission to Master's programme

In addition to certificates listed at (a) and (b) above, Bachelor's degree and transcript/DMCs showing marks/OGPA with conversion formula, if only OGPA is mentioned.

- d) For candidates seeking admission to Ph.D. programme  
In addition to certificates listed at (a) (b) and (c) above, Master's degree and transcript showing marks/OGPA with conversion formula, if only OGPA is mentioned. Candidates should also bring M.Sc. thesis at the time of counseling.
- (e) For candidates claiming weightage  
(i) Sports Certificate (SM)  
(ii) NCC/NSS/CCA
- (f) For candidates claiming reservation  
(i) Scheduled caste certificate (Annexure-VI).  
(ii) Backward caste certificate (Annexure VII).  
(iii) Physically handicapped certificate (PH) (Annexure VIII)  
(iv) Ex-servicemen certificate (ESM) (Annexure-IX)
- (g) Others  
(i) In-service candidate certificate (IS) (Annexure-X)  
(ii) No objection certificate [Annexure-X(a)]  
(iii) Land donation certificate (Annexure-1)
6. Candidates having passed the qualifying examination from any other university and seeking admission to postgraduate programmes of this university shall have to produce the migration certificate from the previous institution latest by registration of 2nd semester of their study, failing which their admission shall be cancelled.
7. No column of admission form should be left blank. All entries especially category in the columns should be legibly filled in. Where the information is not applicable, it may be marked with 'Not Applicable' using abbreviation-NA.
8. No certificate in original should be sent alongwith admission form. Only self attested copies should be attached. However, at the time of counselling all the original certificates should be produced.
9. No correspondence with regard to return/loaning of certificates will be entertained whether the applicant is admitted to a programme or not.

Similarly no request for verification/inspection of date of birth from certificates already submitted will be entertained.

10. Admission to all the programmes will be made on merit. Merit will be determined as under :

**Part-A For Haryana Resident Seats**

- (i) **M.Sc. Programmes (except Food Science & Technology, Biotechnology & Molecular Biology and Bioinformatics) and Ph.D programme.-**

Merit in the qualifying examination

- (ii) **M.Sc. – Food Science & Technology, M.Sc. - Biotechnology & Molecular Biology, M.Sc. - Bioinformatics-** Merit in the CET. The minimum cut off marks in the entrance test for M.Sc.- B.M.B., Bioinformatics & Food Science & Technology are 35% for General Category and 25% for Scheduled Caste

- (iii) **MBA-** The policy of the Haryana State will be followed.

- (iv) **Undergraduate Programmes**

**B.V.Sc. & A.H. and B.Sc.(Hons.)Ag.**

Merit as determined in the Common Entrance Test (CET).

**B. Tech. (Agril. Engg.)**

The policy of the Haryana State will be followed.

**B.Sc. (Hons.) Home Science**

On merit of the aggregate marks obtained at the level of educational requirements as laid down in rule 19(4). Other rules as applicable to undergraduate programmes shall be equally applicable to the candidates seeking admission to B.Sc. (Hons.) Home Science programme.

**Part-B ICAR/VCI seats**

Admissions shall be made as per recommendations of the ICAR/VCI, subject to the fulfillment of minimum pre-admission qualifications prescribed by the University.

For this purpose ICAR/VCI conducts entrance test in which any candidate irrespective of his resident status can appear. Admission is made on the basis of merit in entrance test. More details are available in the Information Brochure issued by ICAR/VCI every year in the month of February/March. For any other details, following Officers be consulted: -

<b>ICAR</b>	<b>VCI</b>
The Deputy Director General (Edn.) Krishi Anusandhan Bhawan, Pusa, New Delhi.	The Secretary, Vety.Council of India, August Kranti Bhawan, ‘A’ Wing, Room No. 288, IInd Floor, Plot No.25, Bhikaji Cama Place, New Delhi-110 066.

11. First of all, seats in general category will be filled up. The candidates of reserved category who are able to find place in the general merit will be considered to have been admitted against the general category seats. Thereafter seats will be filled up as per reservation indicated in rules. A candidate who had secured admission in the first counselling in the reserved category cannot be adjusted against general seat though his turn comes in the subsequent counselling for the general category also. Seats lying vacant in any reserved category due to non availability of eligible candidates will be added to general category and filled up in 1<sup>st</sup> counselling, if possible.
12. Under no circumstances, admission shall be allowed to any candidate who does not fulfil the minimum prescribed educational qualifications. Rules shall be followed in letter and spirit without any relaxation.
13. **Weightage**  
For admission to Master's programmes, there will be weightage as under for those who fulfil minimum prescribed qualification:
13. (a) **Sports Weightage**
- |  |            |
|--|------------|
| I. First three positions in a recognised National Championship/All India Inter-State Championship organised under the auspices of National Sports Federation/Association.  | <b>5 %</b> |
| II. First three positions in All India Inter-University Championship organised under the auspices of AIU or first three positions in the National School Games organised under the auspices of School Games Federation of India.   | <b>4 %</b> |
| III. First three positions in the Zonal Inter-University Championship organised under the auspices of AIU or first three positions in Zonal Inter-State Championship organised under the auspices of National Sports Federation/Association or first two position in all Indian Inter Agricultural | <b>3 %</b> |

University Sports Meet under auspices of ICAR.

- IV. Participation in the recognised National/All India Inter State/Zonal Inter-State Championship organised under the auspices of National Sports Federation/Association or first three positions in the State Championship organised under the auspices of the State Association or third place in all India Inter Agricultural University Sports Meet under auspices of ICAR. **2 %**
- V. Participation in recognised State/Inter University/ICAR Championships. **1 %**

- Note :*1. Only the performance of preceding three years in the games as listed at page 60 will be considered. The cut-off date for counting preceding three years will be 30th June of the year of admission.
2. Required eligibility performance will be considered only if the participation certificate of the lower level is attached or if for any reasons next lower championship has not taken place then a certificate to this effect from the concerned authorities has to be attached/produced. However, the admission committee shall satisfy itself about the genuineness of sports certificates/performance of the concerned candidate while giving weightage to his/her sports performance.
3. Tournaments other than recognized national championships such as All India Rural Championships/Women Sports Festival/Panchayat Tournaments/Nehru Yuva Kendra Tournaments/Sports Authority of India Tournaments/All India Chhaju Ram Tournaments/All India Sir Chhotu Ram Tournaments etc. will not be considered for any weightage for sports or for additional seats (Sports).

**13.(b) For Co-curricular Activities**

Such as debates, drama, graphic arts, music etc. the weightage for achievements made during residential requirements of a programme is as under :

- (a) Position at National level competitions (sponsored by the Association of Indian Universities). **5%**

- |     |   |           |
|-----|---|-----------|
| (b) | Participation at National level competition/postion at Zonal level competition(sponsored by AIU) or position in All India Inter Agril. Universities competition (sponsored by the ICAR) | <b>4%</b> |
| (c) | Participation in all India Inter Agri. University competitions (sponsored by ICAR) or participation in Zonal level competitions (sponsored by AIU)                                      | <b>3%</b> |
| (d) | Position at State/University level competitions(organized by any University or Govt. Deptt.)  | <b>2%</b> |
| (e) | Participation in recognized State/University/ICAR Competitions  | <b>1%</b> |

**13(c) For NCC**

A candidate who attended the R.D. Parade & Camp is to be admitted against one additional seat in each college on Inter-se merit basis if otherwise eligible.

Weightage for achievements made during residential requirement is as under:

- |    |   |           |
|----|---|-----------|
| a) | Attended the R.D. Parade and Camp or Holder of NCC “C” Certificate.   | <b>5%</b> |
| b) | Holder of NCC “B” Certificate.  | <b>4%</b> |
| c) | Cadets who attended satisfactorily Army Attachment Camp, Advanced Leadership Camp, BLC Republic Day Banner, Delhi.  | <b>3%</b> |
| d) | Cadets who participated in a Guard of Honour presented to His Excellency the President of India, the Vice-President of India, Prime Minister, Defence Minister. | <b>2%</b> |
| e) | Sergeant and above rank holder and participated in University Level Parade.   | <b>1%</b> |

**13.(d) For NSS**

A student who is Merit Certificate holder and attended the R.D. Parade and Camp is to be admitted against one additional seat in each college on inter-se-merit, if otherwise eligible:

Weightage for achievements made during residential requirements of a programme, is as under:

- |    |  |           |
|----|--|-----------|
| a) | A student who has attended R.D. Camp and Parade and is Merit Certificate holder  | <b>5%</b> |
| b) | A student who is holder of Merit Certificate attended three years satisfactory NSS service and attended pre-R.D. Camp                            | <b>4%</b> |
| c) | A student who has attended National Integration Camp of Inter State Camp (sponsored by Ministry of Human Res. Dev.) and Merit Certificate holder | <b>3%</b> |
| d) | Merit Certificate holder.  | <b>2%</b> |
| e) | A student who has 3 years NSS service and has attended one Blood Donation Camp or one activity in Literacy/Polio Immunization Campaigns          | <b>1%</b> |

**13.(e) Institutional Weightage**

Weightage of 5 marks is granted to such candidates who have passed qualifying examination from CCSHAU for admission to the programmes available in this university provided that no weightage shall be allowed for the programmes where admission is made on the basis of entrance test. Institutional weightage shall be in addition to the weightage listed in foregoing rules.

- 13.1 These weightages are only indicative and are subject to change from time to time.
- 13.2 The weightage should be added to the percentage of marks obtained by the candidates in the qualifying examination, i.e., if a candidate has secured 50% marks in the qualifying examination and has obtained first position in a recognised National Championship/All India Inter-State Championship organised under the auspices of National Sports Federation/Association, 5% marks would be added to the percentage of marks obtained by him/her i.e. he/she would be treated as having secured 55% marks.
- 13.3 Those who are eligible for reservation are also eligible for weightage for a particular category, in addition to his/her placing in the reserved category.

- 13.4 Candidates can claim only one weightage (highest weightage) out of the weightages meant for sports category, co-curricular activities, NCC and NSS. Institutional weightage shall however be in addition.
- 13.5 Weightage for co-curricular activities, NCC and NSS shall be allowed for the achievements attained during the regular period of residential requirements of the qualifying degree programme i. e. 4 years for B. Sc. (Hons.) Ag. and B. Sc. (Hons.) Home Science and five years in case of Vety. graduates.
14. **Eligibility for ICAR nominees for Ph. D. degree programmes (Rule 11 (i) page 42)**
- (a) In-service candidates from state agricultural universities.
  - (b) In-service candidates from the ICAR Institutes.
  - (c) Foreign candidates holding Govt. of India scholarships.
  - (d) Foreign candidates sponsored by their Governments with scholarships.
15. **Definition of Physically Handicapped (Rule 10 (iii) page 42)**
- Candidates having permanent disability of not less than 40%, provided the candidate is otherwise fit for admission. Such candidates will have to bring a certificate in Annexure-VIII from Chief Medical Officer of the District to which the candidate belongs.
- Such candidates will also have to appear before the Medical Board constituted by the Vice-Chancellor for determining the percentage of disability and for assessment whether they are fit to carry out the duties despite being handicapped.
16. **Criteria for admission against the seats reserved for ex-servicemen (Rule 10 (iii) page 42)**
- Seats under this category may be filled in the following order:
- a) Wives/sons/daughters of military persons killed in operation.
  - b) Wives/sons/daughters of military persons permanently disabled in action.
- Note:* The above preference order shall be followed irrespective of merit in the qualifying examination/merit in entrance test.
- c) Others

**17. Same marks in Entrance Test or otherwise**

- 17.a) If there is more than one candidate with same marks in the entrance test, merit amongst the candidates with same marks may be decided at the time of counselling on the basis of marks obtained in the qualifying examination. If in the qualifying examinations the marks are same, the merit will be on the basis of next lower examination. If still the marks are the same in the lower examination, then the senior in age will be senior in merit.
- b) In case of admission without entrance test, if there is more than one candidate with same percentage of marks, merit amongst the candidates with same marks may be decided at the time of counselling in the following order of priority:
- (i) Merit without weightage
  - (ii) Merit as in the next lower examination
  - (iii) Merit on the basis of seniority in age

**18. In case of any doubt, decision of the Vice-Chancellor will be final.**

**19. Minimum educational requirements for admission**

**Undergraduate Programme :**

**1. B.Sc. (Hons)Ag.**

10+2 or equivalent having passed with Physics, Chemistry, Biology/Math or Agriculture stream from a recognized University/Board .

**2. B.Tech. (Agril. Engg.)**

As per the Haryana Government policy except that against 15% seats, admission shall be made by ICAR through entrance test on all India basis.

**3. B.V.Sc. & AH (Bachelor of Vety. Science & Animal Husbandry)**

10+2 having passed with Physics, Chemistry, Biology and English or equivalent from a recognised Board/University. Minimum age 17 years on or before 31st December 2006.

**4. B.Sc. (Hons) Home Science**

Passed 10+2 exam. or equivalent from any stream with 50% marks (relaxable upto 40% for SC candidates) from a recognized Board/University. Preference will be given to the candidates coming from science stream with Physics, Chemistry and Math/Biology.

**20. Master's Programme**

20.1 The minimum qualifications for admission of fresh as well as in-service candidates shall be 50% marks (where OGPA is not given) or a grade point average of 5.00 (10.00 basis) at the Bachelor's Degree level from recognised University.

In-service candidates should apply through proper channel.

**M. Sc. Ag.** : B. Sc. Ag.

**M. Sc. (Forestry)** : B. Sc. (Forestry)/B. Sc. Ag.

**M. B. A.** : This will be as per Combined Entrance Test conducted for Haryana State.

**Food Sc. & Technology** : Bachelor's degree in Science/Agriculture/Home Science/Agril. Engineering/Vety. Sciences.

**M. Sc.** : subject wise requirements given in rule 20.2

**M. V. Sc.** : B. V. Sc. & A. H. (recognised by VCI)

**M. Tech. (Agril. Engg.)** : B. Tech. (Agril. Engg.) or equivalent.

20.2 **M. Sc.** : The following will be the qualifications for admission in College of Basic Sciences & Humanities.

<b>Discipline</b>	<b>Eligibility</b>
Botany	B.Sc. (Hons.) Ag./B.Sc. with Botany as one of the subjects.
Zoology	B.Sc.(Hons) Ag/ B.Sc. with Zoology as one of the subjects.
Sociology	B.Sc.(Hons.) Ag. /B.Sc.Home Science/BVSc/B.Sc.
Chemistry	B.Sc. (Hons) Ag /B.Sc. with Chemistry as one of the subjects.
Genetics	B.Sc.(Hons) Ag /B.Sc. with Genetics/Botany/Zoology/Biotechnology/Biochemistry/ Microbiology as one of the subjects.
Fisheries	B.Sc.(Hons) Ag /B.Sc. with Zoology as one of the subjects/B.F.Sc.

Plant Physiology	B.Sc.(Hons.) Ag /B.Sc. with Botany/ Biochemistry as one of the subjects.
Biochemistry	B.Sc.(Hons)Ag./B.Sc. Biochemistry/B.Sc. with one of the Biology subjects.
Biotechnology & Molecular Biology	B.Sc. (Hons)Ag./B.Sc. Biochemistry/ B.Sc. with one of the Biology Subjects.
Bioinformatics	B.Sc. with any discipline of science
Microbiology	B.Sc.(Hons) Ag./B.Sc. with Microbiology/B.Sc. with one of the Biology subjects.
Statistics	B.Sc. (Hons.)Ag. /B.Sc. with Mathematics/ B.Sc.(Computer Science)/ B.Tech.

20.3 **M. Sc. Home Sc. :** B. Sc. Home Sc.

Candidates with Home Science degree of 4 years duration shall be given preference over the students with Home Science degree of 3 years duration. Such candidates who have completed 3 years degree and are admitted to M.Sc. (Home Science) shall register in 1<sup>st</sup> Semester prescribed deficiency courses in the concerned discipline i.e. professional elective courses except RAWE and Inplant Training. Similarly a candidate who intends to change the field of specialization at the M.Sc. level shall also have to clear deficiency courses to be decided by the Advisory Committee.

20.4 No candidate will be allowed to do M.Sc./Ph.D. in two allied disciplines from this university i. e. in case a student has already done/is doing M.Sc./Ph.D. in one discipline, he/she would not be allowed to take admission in another allied discipline in any constituent college of university.

21. **Ph. D. Programmes**

The minimum qualifications for admission of fresh as well as in-service candidates shall be 60% marks (where OGPA is not given) or a grade point average of 7.0 (10.00 basis) at Master's level in the subject concerned(Special requirement of subjects for admission to Basic Sciences and Veterinary disciplines is given below) from recognized university. The marks obtained of the project report will not be included in the aggregate marks at the time of preparation of merit.

### Basic Science Disciplines :

Discipline	Eligibility
Bio-technology & Molecular Biology.	M.Sc.(Biotechnology)
Plant Physiology	M.Sc. Plant Physiology/M.Sc. Botany with specialization in Plant Physiology
Biochemistry	M.Sc. (Biochemistry)
Statistics	M.Sc(Statistics/Mathematical Stat./Applied Statistics/Ag.Statistics)
Genetics	M.Sc.(Genetics/Plant Breeding)
Microbiology	M.Sc. (Microbiology)
Chemistry	M.Sc. (Chemistry)
Botany	M.Sc. (Botany)
Zoology	M.Sc. (Zoology)
Sociology	M.Sc. (Rural Sociology//Sociology).
Fisheries	M.Sc. (Fisheries)

### Veterinary Sciences Disciplines

For specific admission to Ph.D. degree programmes, see table below:-

Name of the Ph.D. degree programme for which minimum qualification is sought.	Minimum qualification is M.V.Sc. degree in discipline mentioned on opposite cell or equivalent, that are:
1 Animal Reproduction	a–Veterinary Gynaecology & Obstetrics b–Animal Production Physiology c–Animal Reproduction
2 Veterinary Anatomy	a–Veterinary Anatomy & Histology b–Veterinary Anatomy
3 Veterinary Biochemistry	a–Veterinary Physiology b–Veterinary Biochemistry
4 Veterinary Clinical Medicine	a–Veterinary Medicine b–Veterinary Clinical Medicine
5 Veterinary Epidemiology & Preventive Medicine	a–Veterinary Medicine b–Veterinary Public Health & Epidemiology c–Veterinary Epidemiology & Preventive Medicine
6 Veterinary Microbiology.	a – Veterinary Microbiology
7 Veterinary Immunology	a- Veterinary Immunology
8 Veterinary Parasitology.	a – Veterinary Parasitology.

9	Veterinary Pathology.	a – Veterinary Pathology
10	Veterinary Pharmacology & Toxicology	a – Veterinary Pharmacology b–Veterinary Pharmacology & Toxicology
11	Veterinary Physiology	a – Veterinary Physiology b – Animal Production Physiology.
12.	Veterinary. Public Health	a- Veterinary Public Health & Epidemiology b- Veterinary Public Health
13.	Veterinary Surgery	a- Veterinary Surgery & Radiology b- Veterinary Surgery
14.	Animal Biotechnology	a- M. Sc. or M. V. Sc. in Animal Biotechnology/Microbiology, if relevant
15.	Vety. & Animal Husbandry Extension.	a- MVSc in Vety & Animal Husbandry/MVSc. in Dairy Extension/MV.Sc. in Extension Education.

- Note*
- 1 : Candidates must have completed master's programme and result notified or have completed their viva-voce examination by the date of counselling.
  - 2 : First preference will be given to the same discipline at Master's level.
  - 3 : The candidate for admission to **Ph.D. degree majoring in Plant Breeding and Genetics** will be considered for both the disciplines. However, preference will be given to candidates for admission majoring in the concerned discipline.
  - 4 : As regards the admission to **Ph.D. programme at the College of Veterinary Sciences in Vety. & Animal Husbandry Extension**, the candidate must have passed MVSc in the Vety. & Animal Husbandry Extension/M.V.Sc. in Dairy Extension/M.V.Sc. in Extension Education.
  5. As regard the admission to **Ph. D. programme at the College of Home Science**, the candidate must have passed M. Sc. (Home Science) in the subject concerned and B. Sc. (Home Science) in addition to the minimum percentage/OGPA required for admission.
  6. Applications of in-service candidates accompanied by the certificate as in Annexure-X must reach Assistant Registrar (PGS), through proper channel, by the last date prescribed. The

candidates may however submit advance copy but must ensure submission of copy **through proper channel** by the date of counselling.

22. The major and minor courses shall be according to the requirements for the particular programme to which a candidate is admitted. The courses required to be taken by the candidate in order to meet certain deficiencies shall be over and above the minimum requirements and they are called deficiency courses. These shall be entered in the programme of work in the appropriate columns. The deficiency courses have to be completed by the student before he/she is entitled to receive the degree and in each of these courses he/she shall be awarded 'S' or 'US' grade. The student must get 60% marks or more for getting 'S' grade in the deficiency course. However the grade(s) obtained will not be counted towards the calculation of the OGPA. In the case of Basic Science graduate, the Head of the Department will determine which of the elective course of the undergraduate programme should be taken by him/her.
23. List of fake universities and boards derecognised is at page 61-62 Equivalence and acceptability of certificates/examination/degree etc. for the purpose of admissions in any programme/stream of studies, may be decided by the following Standing Committee :
- |    |                            |          |
|----|----------------------------|----------|
| 1. | Dean, Postgraduate Studies | Chairman |
| 2. | Concerned Dean             | Member   |
| 3. | Registrar or his nominee   | Member   |

Decision of the Committee will be final.

24. **Admission procedure for M. Sc.-Food Science & Technology, M.Sc. – Biotechnology and Molecular Biology and M.Sc. – Bioinformatics Programmes.**
- 24.1 Rules as on pre-pages shall be followed with specific provisions as under :
- 24.2 Candidates who fulfil the minimum eligibility conditions or have appeared in qualifying examination with required subjects (even if result is yet to be declared), shall be issued admit card by UPC post (those candidates whose result is not declared will be provisional).

The university would in no way be responsible for postal delays. The candidates are advised to contact for duplicate admit card on payment

of charges of Rs. 20/-, if they have not received the same, in person, the Assistant Registrar (PGS), PG Block, CCSHAU, Hisar on 16.6.2006 during the office hours from 7.00 am to 1.30 pm ENTRY TO THE ENTRANCE TEST CENTRE SHALL BE ALLOWED WITH ADMIT CARD ONLY.

**24.3 MBA (Master of Business Administration) - Admission shall be made as per policy of the Haryana State.**

**Note:-** While making admission it be ensured that at least four graduates of the HAU figure in the admission list. If a minimum four HAU graduates do not find place in admission to MBA course as per counseling programme of the Haryana State then admission to HAU graduates be allowed from the balance merit list to ensure that at least four HAU graduates are admitted to the MBA programme. To elaborate, in case only two graduates of HAU are able to find place in the admission list on merit, the last two seats would be filled up by HAU out of the merit list (to be drawn as per Haryana Govt. Policy). The seats so filled up by HAU would be over and above the admission capacity.

**24.4 M. Sc.-Food Science & Technology, M.Sc. – Biotechnology and Molecular Biology and M.Sc. – Bioinformatics**

**General instructions as laid down in rule 4.4 shall be followed.**

Entrance test to be held on 17.6.2006 shall be of one and half hour duration from 10.00 a.m. Syllabus is given at page **69-71**

The question paper for entrance test will consist of 100 objective multiple choice questions. One mark will be awarded for correct answer. There will be no negative marking. Questions not attempted will be ignored. In this way the question paper will be of 100 marks of 1½ hour duration. The details of 100 questions would be as under:

- |      |                    |          |
|------|--------------------|----------|
| (i)  | Physical Science   | 50 marks |
| (ii) | Biological Science | 50 marks |

Qualifying marks for general category candidates would be 35% and 25% for SC candidates

**Admission :** Admission shall be made purely on merit based on performance in the entrance test simultaneously ensuring that at least 3 graduates of this university figure in the admission list in each programme (only one in BMB). To elaborate in case one graduate of this University is able to find place in admission list in merit, last two seats be given to

graduates of this University ignoring general merit list. Inter-se-merit shall be the deciding factor for admission against reserved seats.

Result of Entrance Test shall be displayed on the Notice Board of College of Basic Sciences & Humanities, PG Block, Ch. Devi Lal Centre for Food Science & Technology and Fletcher Bhawan by 27.6.2006. Necessary intimation regarding rank number of the candidates shall be sent to the candidates by UPC post. Candidates qualifying the entrance test should report to the Admission Committee in the Committee Room of College of Basic Sciences & Humanities for counselling on 20.7.2006 at 9.30 am to 12.00 noon and for admission at 3.30 pm.

25. At the time of selection/admission, the Dean/Registrar/Admission Committee shall also consider the past record of the candidate, concerning his/her conduct as a student/employee in this University or elsewhere. If the authority is satisfied that the applicant/student/employee as the case may be, being considered for admission was involved in acts of indiscipline/organizing demonstration, involvement in criminal offences specially involved in immoral aptitude, the admission Committee/Dean/Registrar may refuse admission to such a candidate.
26. A person aggrieved by any decision of the Dean/Registrar/Admission Committee may appeal to the Vice-Chancellor within three days, who will examine the application with reference to rules and regulations and decision of the Vice-Chancellor in the matter shall be final.

- Note :*
1. Short duration has been provided for appeal as in the matters of admission the time bound schedule is to be followed.
  2. Admissions to all UG and PG programmes of the University will be made by the Registrar/Dean, PGS respectively. The Registrar/Dean, PGS shall accordingly register the students after payment of the prescribed fees. If it is found at anytime that a candidate obtained admission to a programme by misrepresentation of facts or that candidate has availed some benefit which was not due to him/her or if a candidate has been admitted due to an error, the Registrar/Dean, PGS may at his discretion, cancel his/her admission to UG and PG programmes respectively.

## V

### ADMISSION CAPACITY

1. The number of seats etc. for the purpose of admission are decided by the Academic Council as per provisions of Section 23 of the Haryana and Punjab Agricultural Universities Act. 1970. All other provisions regarding the admission policy etc. are governed by the provisions of the above said Act and Statutes and any other rule framed by the competent authority from time to time as prescribed under this Act.

2. Admission to all undergraduate and master's programmes are made from 1st semester. Admission to Ph.D. programmes are made from 2nd semester.

#### 3. **Tentative Number of Seats**

Tentative details of number of seats available for different programmes are given in the following table to serve as a guideline :

##### **Undergraduate Programme :**

Particulars of programme	Number of seats	
	To be filled from Haryana Residents	To be filled through ICAR* on all India basis
1	2	3
<b>College of Agriculture, Hisar</b>		
B. Sc. (Hons.) Ag.	42	8
<b>College of Agriculture, Kaul</b>		
B. Sc. (Hons.) Ag.	42	8
	84	16

\* *Indian Council of Agricultural Research (ICAR)*

1	2	3
<b>College of Agril. Engg. &amp; Tech.</b>		
B. Tech. (Agril. Engg.)	30	5
B.Tech. (Agril. Engg.) (under Lateral Entry Scheme )	4	-
<b>I.C. College of Home Science</b>		
B. Sc. (Hons.) Home Sc.	40	6
<b>College of Vety. Sciences</b>		
B. V. Sc. & A. H.	48	8*

*\*Veterinary Council of India (VCI) in the case of B.V.Sc. & A.H. programme*

*Note:* One additional seat be provided at UG and 'Master Level' to a candidate hailing from the village which donated land for establishment of K GK/KVK/Research Centre provided the candidate fulfils minimum qualifications prescribed for the programme in which admission is sought and has qualified the entrance examination, wherever required.

Candidates intending to seek benefit against this provision shall have to attach a certificate with admission form on prescribed form. (Annexure-1).

### Postgraduate Programme

Programme	Number of seats		
	M. Sc.		Ph. D.
	To be filled from Haryana Residents	To be filled through ICAR on all India basis	
1	2	3	4
<b>College of Agriculture</b>			
Agricultural Economics	5	1	2
Agronomy	8	2	7
Entomology	7	3	5
Extension Education	3	-	2
Horticulture	6	2	4
Nematology	2	1	1
Plant Breeding	7	3	7
Plant Pathology	5	2	3
Seed Science Technology	2	1	2
Soil Science	5	2	6
Vegetable Science	5	1	3
Agri. Meteorology	1	1	2
Forestry	2	-	1
	58	19	45
<b>Business Administration (MBA)</b>	24	8	-

	1	2	3	4
<b>College of Agricultural Engineering &amp; Technology</b>				
Farm Power & Machinery		3	1	-
Soil & Water Engineering		3	1	-
Agricultural Processing & Food Engineering		2	1	-
		8	3	-
<b>College of Animal Sciences</b>				
Animal Breeding	2	}	3	1
Animal Nutrition	2			2
Animal Production Physiology	2			1
Animal Products Technology	2			1
Livestock Production & Management	2			1
	10*	3**	6***	

\* These seats have been clubbed with M.V.Sc. for roster purpose

\*\* One seat each in any three departments.

\*\*\* 50% seats are to be filled up from Vety. Stream and 50% from Animal Sciences Stream

	1	2	3	4
<b>College of Basic Sciences &amp; Humanities</b>				
Chemistry		2	-	2
Biochemistry		4	1	3
Biotechnology & Molecular Biology		8	2	3
Bioinformatics		15	3	-
Plant Physiology		3	1	2
Botany		2	-	2
Genetics		4	-	2
Microbiology		5	2	4
Sociology		2	-	2
Statistics		3	1	2
Zoology		2	-	2
Fisheries		2+2*	1	1
		52+2*	11	25
*For Govt. of Haryana nominees.				
<b>Chaudhary Devi Lal Centre for Food Science &amp; Technology</b>				
<b>Food Science &amp; Technology</b>		12	4	-
<b>I.C. College of Home Science</b>				
Home Science Extension Education		4	1	2
Foods & Nutrition		5	2	3
Human Development and Family Studies		3	1	2
Family Resource Management		3	1	2
Clothing & Textiles		3	1	2
		18	6	11

	1	2	3	4
<b>College of Veterinary Sciences</b>				
Animal Genetics & Breeding		-	-	-
Animal Nutrition		-	-	-
Livestock Products Technology		-	-	-
Livestock Production & Management		-	-	-
Animal Biotechnology		-	-	3
Veterinary & Animal Husbandry Extension		1	1	1
Animal Reproduction, Gynaecology & Obstetrics		3	1	1
Veterinary Anatomy		1	1	1
Veterinary Biochemistry		1	1	1
Veterinary Clinical Medicine		3	-	1
Veterinary Epidemiology & Preventive Medicine		4	1	1
Veterinary Microbiology		3	1	1
Veterinary Immunology		2	-	1
Veterinary Parasitology		2	1	1
Veterinary Pathology		2	-	1
Veterinary Pharmacology & Toxicology		2	1	1
Veterinary Physiology		1	1	1
Veterinary Public Health		1	1	1
Veterinary Surgery		4	1	1
		30	11	17
Animal Biotechnology		10*	-	-

\*The admission to M.V.Sc. (Animal Biotechnology) will be made by the JNU as per guideline of DBT(GOI)

The students admitted under this Project will be awarded a studentship of Rs.5000/- per month.

4. The candidates who have represented India in a recognized Inter-national Tournament/Championship under the auspices of concerned Game Federation or Schools Game Federation of India in the games listed at page 60 shall be admitted against additional seats provided they fulfil the eligibility criteria. Choice of discipline is left to the candidate subject to a maximum of one additional seat in a discipline. If there are more than one candidates opting for a discipline, choice of discipline would be allowed as per their inter-se merit,”

**Note:**

- i) Only the performance of preceding three years in the games listed at page 60 will be considered. The cut off date for counting preceding three years will be 30<sup>th</sup> June of the year of admission.
  - ii) Required eligibility performance will be considered only if the participation certificate of a lower level is attached or if for any reasons next lower championship has not taken place then a certificate to this effect from the concerned authorities has to be attached.
  - iii) Performance in Exhibition matches, Invitation tournaments etc. will not be considered for additional seats.
5. Only one ward of each CCSHAU employee who dies while in service may be given admission (except Ph.D. Programme) only once (if interested) against additional seat(s) provided he/she fulfils minimum eligibility conditions. Where entrance exam has been provided he/she must qualify the entrance examination. Candidate once admitted to any programme shall not be allowed shifting on any ground.
6. A few nominees of Indian Council for Cultural Relations under cultural relations exchange programme from foreign countries be admitted in UG/PG programmes against additional seats.

7. University normally admits in postgraduate programme upto a maximum of 5 in-service candidates nominated by the Directorate of Extension, Govt. of India. A maximum of 2 candidates nominated by the Agriculture Department, Govt. of Haryana against additional seats and subject to fulfilment of qualifications and receipt of sponsorship of application by the date of counselling shall be admitted.

8 For the Kashmiri migrants/Displaced Bhutanese, the instructions of the Haryana Government will be followed.

9. Students admitted to M.Sc. programme shall not be considered for shifting to any other college. On the recommendations of concerned Heads of Departments, change of discipline within the college as per admission rules is, however, permissible in 2<sup>nd</sup> semester as per schedule to be notified by Dean, Postgraduate Studies.

10. Distribution of seats for admission against the seats meant to be filled in with candidates having Haryana Resident Certificate at Undergraduate & Master's level programmes shall be as under:

(i)	Scheduled Castes	Block-A (SCA) -10%	} 20%
		Block-B (SCB) -10%	
(ii)	Backward Class	Block -A (BCA) 16%	} 27%
		Block -B (BCB) 11%	

Note: 3% horizontal reservation to Ex-servicemen/freedom fighters and their dependents by providing reservation within reservation of 1% of general category, 1% out of scheduled castes and 1 % from backward classes category for admission to the various educational institutions of the Government and Government aided/self financing colleges. Institutes located in Haryana. As far as block allocation in Block A and Block B of Scheduled Castes and Backward classes categories is concerned, year wise rotational system will be adopted. For example, if Block A of Scheduled Castes and Backward Classes are given seats in the Academic year 2006, the next block i.e. B Block of categories of scheduled castes and backward classes will be given seats in the next academic year i.e. 2007 and so on (Vide letter No.22/27/2004-2GSIII dated 20.10.2005 received from the Chief Secretary to Government of Haryana)

- (iii) Physically handicapped, as defined in rule 15 (page 25), (low vision, hearing impairment, locomotor disability or cerebral palsy whosoever is found suitable by the Admission Committee (PH) } 3%

Rest of the seats are for general category (G. C.) of Haryana residents (Also see note-3 below rule-11 at page 43)

11. Distribution of seats for Ph.D. programmes shall be as under :

- (i) ICAR nominees (ICAR) 25%  
(as defined in rule 14 at page 25)
- (ii) Haryana Resident Candidates : 75%

with further distribution as under :

- (a) In-service candidates of CCSHAU (IS) 20%\*  
(at least one in each discipline)

\*One seat in each Dept. of College of Agriculture is reserved for STAs of this university if not admitted under (a) above.

- (b) Rest of the seats shall be for general category (G. C.) of Haryana residents.

- (c) One additional seat in each faculty be created for SCA, SCB, BCA and BCB category if candidate (s) of these categories are available. Admission against this seat be made on the basis of inter-se merit amongst the candidates of the relevant category

*Note :* 1. Benefit of reservation of Backward class categories shall not apply to the advanced persons/sections (creamy layer).

2. Admission against ICAR/VCI seats shall be finalised by the ICAR/VCI in consultation with this University in a counselling programme. Dates and venue for which shall be/has been notified by the ICAR/VCI to the candidates who have appeared in the entrance test conducted by the ICAR/VCI. Recommendations of the ICAR for filling up of seats of Ph.D. programme must reach and the candidates to report for admission by cut off date prescribed by this University.

**Vacant seats (ICAR/VCI) of all the programmes(except Ph.D.), if any, shall be treated as automatically cancelled after cut off date.**

3. In case candidates are not available in either block of SC or BC, the seats shall be filled up from the candidates from other block of relevant category except for Ph.D. programme.
4. As is clear from the number of seats indicated on pre pages, the seats are either for Haryana residents or for the candidates who have appeared in the entrance test conducted by the ICAR/VCI and allowed admission by the respective bodies during their counseling programme.

## VI

**DETAILS OF FEES****To be paid at the time of admission:****ONCE AT THE TIME OF ADMISSION****In Rs.**

University Admission Fee	120
<u>Placement &amp; Counselling Fund:</u>	
B.Tech(Ag.Engg.)	1000
M.B.A	4000
Other Programmes	50 per semester
University Calendar Vol. II	100
<u>College Development Fund(except from foreign nationals who pay Institutional Economic Fee :</u>	
M.V.Sc.(except Ani. Biotechnology), M.Tech.(Agril. Engg.), Ph.D (Vety.), B.V.Sc.& A.H., B.Tech. (Agril.Engg.)	} 2000
M.B.A.	As per State level
All others	200
College Security	200*
Library Security	400*
I.Card	30

\* As soon as a student completes U.G. degree he will be a lifetime member of Alumni Association. An amount of Rs.500/- as membership fee will be adjusted from his security deposit and placed with Addl. DSW(C&P). Similar system will be followed for those who are now PG students and graduates of this University. Security of such students who have completed their UG programme from somewhere else and joined PG programme here will be also made lifetime members of Alumni Association and membership fee will be adjusted in the same manner

**ANNUAL CHARGES**

Admission Fee	50
Library Fund	UG-50, PG-100
College Magazine Fund	30

Medical Fund	60
Sports & Youth Welfare Fund	100
Red Cross Fund	10
Laboratory Fee	UG-100, PG-250
Amartya Shiksha Yojana & Personal Accident Policy	100
Haryana Veterinarian Fee for Vety. students	25
Suman Sudha Society fee for Home Sci.students	25
Institutional Economic Fee from foreign (Except those sponsored by ICCR under Cultural Exchange Programme and GOI Fellowship holders)	US \$ 4000 per year OR US \$ 2400 per semestr (Sri Lankan nationals are to be charged @ of US \$ 2000 per year OR US \$ 200 per month) in addition to usual charges

#### SEMESTER-WISE CHARGES

<u>Tuition Fees:</u>	
U.G( except B.Tech. & B.V.Sc.& A.H.)	500
B.Tech.(Ag.Engg.)	4250
B.V.Sc.&A.H.	1000
M.Sc.(FST), M.V.Sc.	1500
M. Tech (Ag. Engg.),	
B. M. B. & M. Sc. Bioinformatics	
M.B.A.	As per State Level
Other Master's Programmes	1000
Ph.D. Programme	1500
College Development Fund	
M.Sc. Bioinformatics, B.M.B. & FST	20000
M.V.Sc. (Ani. Biotechnology)	7500
Exam. Fee by all students in External Pattern of Examination	600
Amalgamated Fund	250
NCC/NSS	20
Cycle Stand Fund	20
Student Aid Fund	25
Club Charges (Badminton/ Tennis/Swimming/ Music/ Fine Arts & Photography/ Literary & Debating etc.	60 per club
Students Welfare Fund	20
Recreational Fund	100

### HOSTEL CHARGES

<b>Once at the time of allotment</b>	
Hostel Security	1000
Mess Security	1500

### Annual Charges

Hostel Maintenance Fund	60
Utensil, Crockery & Breakage fund	60
Charges of Desert Cooler	1000

### Semester- wise Charges

<b><u>Room Rent:</u></b>	
Cubicle	160
Dormitory	130
Hostel Cycle Stand (compulsory)	20
Common Room Fund	60
Mess Servant Charges for Residents of Gangotri Hostel	150
Electricity Fund	800 or actual which-ever is higher
<b><u>PG Married Hostel</u></b>	
a) Security (Refundable)	1500
b) Rent	1200 per semester for normal duration of degree i.e. maximum 2½ years and 3½ years for M.Sc. & Ph.D. respectively.  2000 per month from those who overstay after normal time, which will go on increasing by Rs. 500 per month with incremental effect till he/she vacates hostel.
c) Maintenance Fund	100 Annual
d) Electricity Fund	Actual

**2. Financial Assistance for Hostlers in Meals**

Financial assistance to the tune of Rs. 15/- per student per month shall be allowed to those hostlers who have their meals in the hostel mess.

**3. Number and Value of Scholarships/Stipends**

The Scholarships/Stipends shall be awarded only to candidates admitted against Haryana seats on the basis of the merit list prepared in accordance with the rules relating to award of Scholarships and Stipends by the University as given in University Calendar Vol. II.

**a) Scholarships**

Scholarship of Rs. 300/- per month to the extent of 20% should be calculated on the basis of the total number of students admitted against Haryana residents seats to the class. If an occasion arises for re-award of scholarships, the number of scholarships should be determined by the strength of the class at the time of re-award. After award of scholarships, when the fraction is half or more than half, it is to be taken as one for the purpose of award of scholarship.

**4. Stipends**

1. A student enrolled for Master's programme possessing an OGPA of 7.0/10.0 at the time of admission for Ist semester and thereafter maintain/acquire OGPA of 7.5/10.0 (except for MBA, M.Sc. Food Science & Technology, BMB & Bio-informatics) shall be awarded merit stipend of the value of Rs.700/- per month provided they are not in receipt of any duty pay/monetary aid from any source except sports awards. A student enrolled for Ph.D. programme who has an OGPA of 7.5/10.0 basis or above or acquires later and maintain the same shall be awarded merit stipend of the value of Rs.1000/- per month provided they are not in receipt of any duty pay/monetary aid from any source except sports awards.
2. A student, enrolled for the Master's programme (except M.B.A., M. Sc. Food Science & Technology, B. M. B. and Bioinformatics) in any constituent college of the university and not in receipt of merit stipend or any other Fellowship from the university, shall be awarded a stipend of Rs. 250/- per month on fulfilment of certain conditions prescribed.
3. A student, enrolled for the Doctor of Philosophy Programme (except B.M.B.) in any department of the University and not in receipt of any

other financial help, shall be awarded a stipend of Rs. 300/- per month on fulfilment of certain conditions prescribed.

4. Merit stipend of Rs. 700/- per month to 10% of students enrolled for MBA, M.Sc.- FST, BMB and Bioinformatics subject to fulfilling the OGPA requirements as per rule 4 (1) above.
5. The Indian Council of Agricultural Research awards National Talent Scholarship @ Rs. 800/- per month on merit, based on the entrance test on All India basis conducted by ICAR, provided the candidate opts to pursue studies in any State Agricultural University located outside the state of his/her domicile and subject to other rules and regulations of ICAR.

Financial assistance is also granted to the needy students out of Students Aid fund for purchase of books or payment of fees etc.

### **Conclusions**

The Prospectus gives only general information about the various constituent colleges and programmes offered. Detailed rules on all aspects are available in the University Calendar Vol. II and instructions issued from time to time.

**VII**  
**ANNEXURE-I**

Certified that Sh. \_\_\_\_\_ S/o Sh. \_\_\_\_\_  
is permanent resident of Village \_\_\_\_\_ Tehsil \_\_\_\_\_  
Distt. \_\_\_\_\_, Village Panchayat had donated \_\_\_\_\_  
acres of Village common/Panchayat land for establishing Krishi Gyan  
Kendra/Krishi Vigyan Kendra/Research Centre.

Sarpanch  
(Seal of Panchayat)

Donation of land is confirmed\*

Director of Extension Education/Director of Research  
CCS HAU Haryana Agricultural University, Hisar

\*To be confirmed by Director of Extn. Education in case of KGK/KVK and by  
Director of Research in case of Research Centre.

## ANNEXURE-II

### 1. LAST DATE FOR RECEIPT OF ADMISSION FORM AND COUNSELLING (VERIFICATION OF DOCUMENTS).

The last date, unless otherwise notified in the Press, for receipt of admission forms in the office of Registrar/Dean, PGS as the case may be shall be as under:

#### FIRST SEMESTER 2006--2007

	Without late fee	With late fee	
B.V.Sc.& A.H., B.Sc.(Hons)Ag. B.Sc.(Hons)Home Science	31.5.2006	7.6.2006	5.00 p.m.
Masters programmes in all disciplines except MBA	31.5.2006	7.6.2006	5.00 p.m.

#### SECOND SEMESTER 2006-2007

Ph.D. in all disciplines .	27.11.2006	4.12.2006	5.00 p.m.
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**Note: The university holds no responsibility for postal delay.**

### 2. FIRST SEMESTER 2006-2007 :

- a. Entrance Examination for B.V.Sc. & A.H & B.Sc.(Hons.) Ag.  
(Venue : shall be intimated on Admit Card) 17.6.2006 10.00a.m.
  - b. Verification of documents (1<sup>st</sup> counselling) and admission to B.V.Sc. & A.H & B.Sc.(Hons.) Ag. 11.7.2006 9.30 a.m.
  - c. Verification of documents (1<sup>st</sup> counselling) and admission to B.Sc.(Hons.) Home Science. 11.7.2006 2.00 p.m.
  3. Registration for all undergraduate programmes in respective college except B.Tech. (Agril.Engg.) 14-15.7.2006 by 1.30 p.m.
  4. Registration for B.Tech.(Agril.Engg.) As per policy of the Haryana Govt.
  5. Filling of vacant seats (2nd counselling) 29.7.2006 10.00 a.m.
  6. Registration of candidates admitted on 29.7.2006 31.7.2006
  7. Cut off date (final counselling) and registration 11.8.2006 10.00 a.m.
- Venue : B.V.Sc.&A.H.&B.Sc.(Hons.)Ag.: College of Vety. Sciences Auditorium, CCSHAU, Hisar.
- B.Sc.(Hons) Home Science : Committee Room of College of Home Science, CCSHAU, Hisar.

## POST GRADUATE PROGRAMMES

Entrance Test : M.Sc.-Food Science & Technology } 17.6.2006 10.00 A.M.  
M.Sc.-BMB }  
M.Sc. – Bioinformatics }

(Venue shall be intimated on Admit Card)

Sr. No.	Programme	Verification of documents at 9.30 a.m. to 12.00 noon (1 <sup>st</sup> counselling)	Choice of subject and admission
1.	M.Tech. (Agril. Engg.)	19.7.2006	19.7.2006 2.30pm
2.	M.Sc. (Home Sc.)	19.7.2006	19.7.2006 3.00 pm
3.	M.Sc. Food Sc. & Tech.)/BMB/Bioinformatics	20.7.2006	20.7.2006 3.30 pm
4.	M.B.A.	As per policy of the Haryana State	
5.	M.Sc. (Ag.)	21.7.2006	22.7.2006 9.30 am
6.	M.Sc. (Basic Sc.)	24.7.2006	25.7.2006 9.30 am
7.	M.V.Sc.	7.8.2006	7.8.2006 3.30 pm

**Venue :** Committee Room of respective College except Sr. No. 3 for which venue shall be College of Basic Sciences & Humanities.

**Registration for all Masters programmes (except. M.V.Sc.)** 26-27.7.2006

**Registration for M.V.Sc.** 8-9.8.2006

**Venue for 2<sup>nd</sup> Counselling and Cut off date :** Committee Room of P.G. Block

**Filling up of vacant seats (2<sup>nd</sup> counselling) (Except M.V.Sc.)** 3.8.2006 10.00 a.m.

**Registration of candidates admitted on** 3.8.2006 4.8.2006

**Filling up of vacant seats (2<sup>nd</sup> counseling) M.V.Sc.** 17.8.2006 10.00 a.m.

**Registration of candidates admitted on** 17.8.2006 (MVSc) 18.8.2006

**Cut off date (Final counselling, if necessary) and Registration (except M.V.Sc.)** 10.8.2006 10.00 a.m.

**Cut off date (Final Counselling, if necessary)and registration (MVSc)** 25.8.2006

**Note:** ICAR/VCI candidates allowed to register upto one week of the date prescribed

**2nd semester 2006-07**  
**Venue: Committee Room of P.G. Block, CCSHAU, Hisar.**

<b>Programme</b>	<b>Verification of documents (1<sup>st</sup> counselling)</b>		<b>Choice of subject and admission</b>
1. Ph.D. (Home.Sc.)	18.12.2006	9.30 a.m. to 11.00 a.m	18.12.2006 2.30 pm
2. Ph.D. (BSH)	19.12.2006	9.30 a.m. to 1.00 p.m.	20.12.2006 9.30 am
3. Ph.D. (Ag.)	21.12.2006	9.30 a.m. to 1.00 p.m.	22.12.2006 9.30 am
4. Ph.D. (Vety. Sc.)	23.12.2006	9.30 a.m. to 11.00 a.m	23.12.2006 2.30 pm
5. Ph.D. (An. Sc.)	23.12.2006	11.30 a.m. to 1.00 p.m.	23.12.2006 2.30 pm

Registration : 28-29.12.2006

Filling of vacant seats (2nd Counselling) : 4.1.2007 9.30 am

Cut off date (Final counselling if necessary): 10.1.2007 10.00 am

- Note (i) Inservice candidates of this University must submit their admission form to HOD a week in advance of the last date indicated above. Admission form of such inservice candidates be treated to have been received by due date, if they submit an advance copy (Photostat) to Dean PGS Office while submitting original one in their office, even if original one received by the date of interview. No application on any ground, received after the date of interview/verification of documents shall be entertained.
- (ii) No Admission orders will be dispatched by the University. On the 2nd day of first schedule or as indicated in the schedule of P.G. Programmes and on the date fixed for filling of vacant seats, candidates shall be allowed provisional admission, as per their merit and subject to availability of seats and candidates are required to deposit dues then and there.
- (iii) Foreign nationals admitted to UG (except B.V.Sc. & A.H.) P.G. programmes and unable to join in the Semester in which session starts because of certain formalities, be allowed extension of one semester by the respective Deans.

Candidates are advised to be present at Hisar, as no information for admission shall be sent by the university.

**ANNEXURE-III**  
**UNDERTAKING**

(i) I have been admitted to \_\_\_\_\_ as per my merit/choice I have, therefore, no claim for admission to any other subject/programme and if admitted earlier in any other programme/subject, it may be cancelled.

Or

(ii) I was offered admission to \_\_\_\_\_ but I am not interested in these disciplines/programme (s) where seats are vacant. Therefore, I have no right for admission

Signature of candidate

**ANNEXURE – IV**  
**ROSTER SYSTEM FOR UNDERGRADUATE AND MASTER’S**  
**PROGRAMMES FOR THE SEATS MEANT FOR HARYANA**  
**RESIDENTS**

Roster for Undergraduate & Master’s programmes shall be followed. This roster system is only for the limited purpose of working out the number of seats available for each category during a year separately for UG and Master’s programmes college wise and not for any other purpose and the other admission rules as mentioned in the prospectus shall not be affected.

Roster points for reservation for different categories in a block of 100 seats in each college would be as under :

**SCHEDULED CASTES (20%)**

Category-A (10%)

5-15-25-35-45-55-65-75-85-95

Category-B (10%)

10-20-30-40-50-60-70-80-90-100

**BACKWARD CLASSES**

Block-A (16%)

6-12-19-26-32-38-44-49-56-62-68-74-79-86-92-99

Block-B (11%)

9-18-27-36-46-54-63-72-81-89-98

**Physically Handicapped 3%**

**33,66,97**

**GENERAL CATEGORY**

Rest of the points would belong to the general category.

**ANNEXURE – V**  
**HARYANA RESIDENT CERTIFICATE**  
(For bonafide Residents of Haryana only)

Certified that Sh./Km./Smt. \_\_\_\_\_  
son/daughter of Sh. \_\_\_\_\_  
R/o \_\_\_\_\_  
\_\_\_\_\_ (complete address)  
since \_\_\_\_\_ is a bonafide resident  
of Haryana State in terms of Chief Secretary, Haryana letter No.62/17/95-6  
GSI dated 3.10.96 and letter No. 62/27/2003-6 GSI dated 29.7.2003, under  
clause \_\_\_\_\_

No. \_\_\_\_\_ (Signature of the competent authority)

Date : \_\_\_\_\_ Name \_\_\_\_\_

Place : \_\_\_\_\_ Designation \_\_\_\_\_  
(with legible office seal)

- i) The competent authorities to issue Haryana Resident Certificate will be as per State Govt. letter No. 22/28/2003-3 G. S. III dated 30.01.2004.
- ii) The candidates, who have passed their qualifying examination from the Universities/Board/Institutes located in Haryana are not required to produce Certificate of Haryana Resident.

**ANNEXURE – VI**  
**SCHEDULED CASTE CERTIFICATE**

It is certified that Sh./Km. \_\_\_\_\_ Son/daughter of  
Shri \_\_\_\_\_ Resident of  
\_\_\_\_\_ Village/Ward No. \_\_\_\_\_ Tehsil  
\_\_\_\_\_ Distt. \_\_\_\_\_ (Haryana) belongs to  
\_\_\_\_\_ caste, which has been notified as Scheduled caste vide the  
Constitution (Scheduled Caste) order 1950.

This caste certificate is valid till he/she is alive.

Date \_\_\_\_\_

Tehsildar/Naib Tehsildar

Place \_\_\_\_\_

**ANNEXURE – VII**  
**BACKWARD CLASS CERTIFICATE**

Certified that Sh./Smt. Km. \_\_\_\_\_ Son/wife/daughter of Shri  
\_\_\_\_\_ Village/Ward No. \_\_\_\_\_ Tehsil/Sub  
Tehsil \_\_\_\_\_ Distt. \_\_\_\_\_ (Haryana) belongs to  
\_\_\_\_\_ Caste, which has been notified as Backward Class by the  
Haryana Government and is placed in Block \_\_\_\_\_

It is further certified that he/she is not covered under Creamy Layer criteria as per instructions issued vide Govt. Haryana letter No. 1170-SW(1)95 dated 07.06.95 and No. 22/36/2000-3GS.III dated 09.08.2000.

This caste certificate is valid for life time from the date of issue of the certificate or till the applicant does not fall into creamy layer category as defined from time to time.

Date \_\_\_\_\_

Tehsildar/Naib Tehsildar

Place \_\_\_\_\_

**ANNEXURE – VIII**  
**PHYSICALLY HANDICAPPED CERTIFICATE**

Certified that Mr./Ms. \_\_\_\_\_ S/o/D/o  
Sh. \_\_\_\_\_ resident of ( place) \_\_\_\_\_  
District \_\_\_\_\_ appeared before the undersigned for  
medical check up. On medical Examination, he/she is found suffering from  
\_\_\_\_\_ and  
thus he/she is physically handicapped. His/her percentage of Handicap is  
\_\_\_\_\_ (in words).

Certified that the above named candidate is fit to undergo the training  
and perform the duties of the post after completion of the degree in which  
he/she is seeking admission.

Place \_\_\_\_\_  
Dated \_\_\_\_\_

Chief Medical Officer  
of Distt. to which  
student belongs

**ANNEXURE – IX**  
**CERTIFICATE**

**(Certificate to be furnished in support of claim for ESM and their Wards alongwith Retirement/Pension Booklet)**

Certified that Sh \_\_\_\_\_ Husband/Father of \_\_\_\_\_  
is an Ex-serviceman and his wife/son/daughter is entitled for the benefit of  
reservation of seats for admission in the CCSHAU. His detailed particulars are  
as under:

1. Name of ( Ex-Military person) \_\_\_\_\_
2. Father's name \_\_\_\_\_
3. Whether  
i) Killed in operation during \_\_\_\_\_  
military service
- ii) Permanently disabled in action \_\_\_\_\_  
during military service

\_\_\_\_\_ Give details

Place: \_\_\_\_\_  
Dated: \_\_\_\_\_

Signature of Secretary  
Zila Sainik Board  
(Seal of the above authority)

**ANNEXURE – X**  
**FOR THE USE OF PERSONS APPLYING AS INSERVICE CANDIDATE OF**  
**THE CCS HARYANA AGRICULTURAL UNIVERSITY**  
**CERTIFICATE BY THE HEAD OF THE SECTION/DEPARTMENT/OFFICE**

Certified that Sh/Smt. . \_\_\_\_\_ is employed as \_\_\_\_\_  
in the office of \_\_\_\_\_ since \_\_\_\_\_ He/She  
submitted his/her application to this office on \_\_\_\_\_ for onward  
transmission to the CCS Haryana Agricultural University.

2. Certified that his/her service record, so far as known to me, is good.  
His/her service record has been checked and found that nothing is adverse  
against him/her for which he/she should be debarred for admission to the  
programme for which he/she has applied.

No

Date \_\_\_\_\_  
Place \_\_\_\_\_

Head of the Department or  
Signature of Controlling Officer  
Designation

**ANNEXURE – X (a)**  
**NO OBJECTION CERTIFICATE**

(To be submitted by all inservice candidates except CCSHAU candidates)

Certified that Sh/Smt. . \_\_\_\_\_ is employed as \_\_\_\_\_  
in the office of \_\_\_\_\_ since \_\_\_\_\_ He/She submitted  
his/her application to this office on \_\_\_\_\_ for onward  
transmission to the CCS Haryana Agricultural University.

We have no objection for his admission to M.Sc./Ph.D. programme.

Date \_\_\_\_\_  
Place \_\_\_\_\_

Head of the Department or  
Signature of Controlling Officer  
Designation

**ANNEXURE – XI**  
**RULE 10 Part-A (i) PAGE 20**  
**SYSTEM/FORMULA FOR ADMISSION TO M.Sc./Ph. D.**  
**PROGRAMMES**

- (a) The candidates who come from other Universities/Institutions where percentage of marks is awarded alongwith OGPA, the percentage of marks as awarded by the concerned University will be considered and no further conversion is required.
- (b) In case of other institutions or Universities where no equivalent percentage of marked is expressly provided, but the conversion formula of the OPGA awarded has been given by the concerned University, the percentage of marks would be obtained by using the conversion formula of that University.
- (c) In case of other Institutions or Universities were no equivalent percentage of marks is given or no formula for conversion of the OGPA is expressly provided, the percentage of marks will be calculated on the basis of the following simple linear formula.

Example :

- |       |  |                                  |
|-------|--|----------------------------------|
| (i)   | If a candidate gets 4 on a scale of 5, his percentage of marks would be            | $\frac{4}{5} \times 100 = 80\%$  |
| (ii)  | If a candidate gets an OGPA of 7 on a scale of 10, his percentage of marks will be | $\frac{7}{10} \times 100 = 70\%$ |
| (iii) | If a candidate gets 3 on a scale of 4, his percentage of marks will be             | $\frac{3}{4} \times 100 = 75\%$  |

- (d) For the students of CCSHAU governed by the 4-point scale, the percentage of marks obtained by the students and mentioned on their transcript would be considered.

**ANNEXURE – XII**

**Note 1 below rule 13 (a) PAGE 22**

**List of recognized games for the purpose of weightage :**

- |                   |                                      |
|-------------------|--------------------------------------|
| 1. Athletics      | 2. Boxing                            |
| 3. Badminton      | 4. Basketball                        |
| 5. Cross Country  | 6. Cricket                           |
| 7. Football       | 8. Gymnastics                        |
| 9. Hockey         | 10. Judo                             |
| 11. Handball      | 12. Kabaddi (both national & cricle) |
| 13. Korfball      | 14. Tennis                           |
| 15. Table Tennis  | 16. Swimming                         |
| 17. Squash Racket | 18. Wrestling                        |
| 19. Volleyball    | 20. Yoga                             |

**ANNEXURE – XIII**

It is to certified that Mr./Ms. \_\_\_\_\_ S/o/D/o  
of Sh. \_\_\_\_\_ had appeared/passed in the  
\_\_\_\_\_ examination under roll No.  
\_\_\_\_\_ conducted by the \_\_\_\_\_ University  
in (Month & Year) \_\_\_\_\_ and has obtained  
\_\_\_\_\_ marks out of \_\_\_\_\_.

Principal  
(Rubber stamp of the college)

### **List of Derecognised Boards/Fake Universities**

1. All India Board of Secondary Education, Delhi, Bhawan No. 700, Gali No. 17, Gopalpur Village (Timarpur), P. O. Azadpur, Delhi-110019.
2. Amritsar University, Amritsar (Punjab).
3. Arya University, Srinagar (Jammu & Kashmir).
4. Bhartiya Shiksha Parishad (U. P.) Open Vishwavidyalaya, Lucknow (U. P.)
5. Bible University, Ambur (North Arcot).
6. Blobe University of Science, Kumbaromam.
7. Board of Adult Education & Trainging, Office 1 Aliganj (Kasturba Nagar), Kotla Mubarakpur, New Delhi-110003.  
Campus : RZ 295 Braham Puri, Nangal Raya (Railway Crossing, Pankha Road) New Delhi.
8. Bombay Hindi Vidyapeeth, Bombay.
9. Central Board of Higher Education , East Patel Nagar, New Delhi.
10. Central Board of Higher Education, Uttam Nagar, New Delhi.
11. Commercial University Ltd., Darya Ganj, Delhi.
12. D. D. B. Sanskrit University, Putur, Trichi, Tamil Nadu.
13. Delhi Vishwa-vidyapeeth, 233, Tagore Park, Model Town, Delhi.
14. Eastern Orthodox Uiversity, Ambur (North Arcot).
15. Gandhi Hindi Vidyapeeth, Prayag, Allahabad (U. P.).
16. Hindi Sahitya Sammelan, Prayag (Allahabad), U.P.
17. Indian Education Council of U. P., Lucknow (U. P.).
18. Kesarwani Vidyapith, Jabalpur, M. P.
19. Maharana Pratap Shiksha Niketan Vishwavidyalaya. Pratapgarh (U. P.).
20. Maharishi Valmiki National University, Delhi.
21. Mahila Gram Vidyapith/Vishwavidyalaya (Women University), Prayag, Allahabad (U.P.)
22. Maithili University/Vishwavidyalaya, Darbhanga, Bihar.
23. National University of Electro Complex Homeopathy, Kanpur (U. P.).
24. National University, Nagpur.
25. Netaji Subhash Chandra Bose University (Open University), Aligarh (U. P.).
26. Raja Arabia University, Nagpur.
27. Self Culture University, Kizhanattam.
28. Shrimati Mahadevi Verma Open University, Mughal Sarai (U. P.)
29. Sree Narayan Open University, Quilon (Kerala).
30. St. John's University, Kizhanattam, Kerala.

31. Takshila Kendriya Vishwavidyalaya, Uttam Nagar (New Delhi).
32. Testator Research University, Bodihaya, Ranur (Tamil Nadu).
33. United Nations University, Delhi.
34. University Newjerusalem, Kathuparamba, Cannore (Kerala).
35. Urdu University, Motia Park, Bhopal.
36. Uttar Madhyama and Purva Madhyama from Gurukul, Jhajjar
37. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U. P.).
38. Uttar Pradesh Vishwavidyapeeth, Kosi Kalan, Mathura (U. P.).
39. Varanaseya Sanskrit Vishwavidyalaya Varanasi (Uttar Pradesh)/Jagat Puri, Delhi.
40. Vocational University, Amritsar.
41. Vocational University, Delhi.
42. Western University of Kapurthala.
43. World Social work University, Perunguzhi (Kerala).
44. Any other Board/University declared de-recognised/fake by UGC/State Govt./AIU.

**SYLLABUS FOR ENTRANCE TEST  
B. V. Sc. & A. H./B. Sc. (Hons.) Ag.**

**PHYSICS**

**Unit**

- 1- Introduction and Measurement
- 2- Description of Motion in one Dimension
- 3- Description of Motion in Two and Three Dimensions
- 4- Laws of Motion
- 5- Work Energy and Power
- 6- Rotational Motion
- 7- Gravitation
- 8- Properties of Matter
- 9- Heat and Thermodynamics
- 10- Oscillations
- 11- Waves
- 12- Electrostatics
- 13- Current Electricity
- 14- Thermal and Chemical Effect of currents
- 15- Magnetic Effect of Currents
- 16- Magnetism
- 17- Electromagnetic Induction and Alternating Currents
- 18- Electromagnetic Waves (Quantitative Treatment)
- 19- Wave Optics
- 20- Ray Optics and Optical Instruments
- 21- Electrons and Photons
- 22- Atoms, Molecules and Nuclei
- 23- Solids and Semiconductor Devices
- 24- Universe

**CHEMISTRY**

**Unit**

- 1- Atoms, Molecules and Chemical Arithmetic
- 2- Elements, their Occurrence and Extraction
- 3- States of Matter
- 4- Atomic Structures
- 5- Chemical families periodic properties
- 6- Bonding and Molecular Structure
- 7- Carbon and its Compounds
- 8- Energetics

- 9- Chemical Equilibrium
- 10- Redox Reactions
- 11- Rates of chemical Reactions
- 12- Chemistry of Non-metals I
- 13- Chemistry of Non-metals II
- 14- Chemistry of Lighter Metals
- 15- Chemistry of Heavier Metals
- 16- Structure and Shapes of Hydrocarbons
- 17- Preparation and Properties of Hydrocarbons
- 18- Purification and Characterisation of Organic Compounds
- 19- The Molecules of Life
- 20- Atomic Structure and Chemical Bonding
- 21- The Solid State
- 22- Solutions
- 23- Chemical Thermodynamics
- 24- Electro-Chemistry
- 25- Chemical Kinetics
- 26- Organic Chemistry based on Functional Groups I
- 27- Organic Chemistry based on Functional Groups II
- 28- Organic Chemistry based on Functional Groups III
- 29- Chemistry of Representative elements
- 30- Transition Metals Including Lanthanides
- 31- Coordination Chemistry and Organo Metalics
- 32- Nuclear Chemistry
- 33- Synthetic and Natural polymers
- 34- Surface Chemistry
- 35- Bio Molecules
- 36- Chemistry of Biological Process
- 37- Chemistry in Action

### **BIOLOGY**

#### **Unit**

- 1. The Living World
- 2. Unity of Life
- 3. Diversity of Life
- 4. Organism and Environment
- 5. Multicellularity : Structure and Function – Plant life
- 6. Multicellularity : Structure and Function – Animal Life
- 7. Continuity of Life
- 8. Origin and Evaluation of Life
- 9. Application of Biology

## **MATHEMATICS**

- 1- Sets and Binary operation
- 2- Complex numbers
- 3- Quadratic equations
- 4- Sequences and series
- 5- Statistics
- 6- Permutations and combinations
- 7- Mathematical Induction and binomial theorem
- 8- Linear programming
- 9- Exponential and logarithmic series
- 10- Trigonometry

### **Coordinate Geometry**

- 1- Circles
- 2- Conic section
- 3- Matrices & Determinants
- 4- Vectors and three dimensional geometry
- 5- Differential Calculus
- 6- Integral Calculus
- 7- Definite Integral
- 8- Differential equations
- 9- Correlation and regression
- 10- Probability

## **AGRICULTURE**

### **Unit 1**

#### **Introductory Basic Sciences**

1. Elements of Genetics and Plant Breeding.
  - (a) Definitions of Genetics and Plant Breeding. Cell and its structure. Cell division and meiosis and their significance.
  - (b) Linkage and crossing over. Sex-linked inheritance.
  - (c) Organisation of the genetic material in chromosomes, DNA & RNA.
  - (d) Elaboration of Mendel's laws of inheritance. Reasons for the success of Mendel in his experiments. Absence of linkage in Mendel's experiments.

2. Elementary Biochemistry :  
pH, Carbohydrate, protein and vitamins.
3. Introduction Microbiology:  
Microbial Cell structure, Micro-organism-Algae Bacteria Fungi, Actinomycetes and viruses; Fermentation, organic, matter decompositions

## **Unit 2**

### **Livestock Production**

1. Introduction
  - (a) Importance of Livestock
  - (b) Important breeds and distribution of cows, buffaloes and poultry.
2. Care and Management:
  - (a) Cattle housing.
  - (b) Management of calves, bullocks, pregnant and milch animals and poultry.
3. Feeds and Feeding Practices
  - (a) Balanced ration.
4. Common Diseases:
  - (a) Signs of sick animal
  - (b) Symptoms of common diseases e.g. Rinderpest, Black Quarter, Foot and mouth and Haemorrhagic Septicemia. Newcastle disease of poultry, their prevention and control.
5. Artificial Insemination (a) Importance (b) Techniques

## **Unit 3**

### **Crop Production**

1. Introduction
  - (a) Agriculture and its importance in national economy.
  - (b) Different branches of agriculture and their role in crop production.
2. Soil and Soil Fertility :
  - (a) Importance of Soil and Soil types.
  - (b) Soil pH, soil structure, soil organisms.

- (c) Elements necessary for plant growth.
- 3. Tillage and Form Equipments:
  - (a) Objects, tith, minimum tillage.
  - (b) Kinds of tillage; preparatory, Interculture, weeding, horwing and earthing.
- 4. Form Management:
  - (a) Object
  - (b) Types of farming (co-operative farming, joint farming, intensive farming, Extensive farming, mixed farming and Dry farming etc.).
- 5. Manures and Fertilizers:
  - (a) Classification (organic and inorganic).
  - (b) Characteristics, uses and application of different nitrogenous, Phosphatic and potassic fertilizers.
- 6. Irrigation and Drainage
  - (a) Importance of Irrigation and Drainage.
  - (b) Sources of Irrigation (rain, canal, tanks, rivers, walls, tube wells, etc.).
  - (c) Common water lifts.
  - (d) Methods of irrigation and drainage.
- 7. Weed control
  - (a) Principles of weed control.
  - (b) Methods of weed control (Mechanical, Chemical and Biological).
- 8. Crops :
  - (a) Economic classification (Cereals, pulses, oil-seeds, fodder, fibre crops, commercial crops).
  - (b) Quality of good seed, technique of quality seed production in general.
  - (c) Seed bed preparation, improved varieties, method of sowing, seed-rate, method and time of fertilizer application irrigation, interculture and weed control, common pest and diseases and their control, harvesting threshing and storage of paddy, wheat, maize, sorghum, pearl millet, gram, barseem, mustard, cotton, sugarcane, Jute, potato and tobacco.

**Unit 4**  
**Horticulture**

1. Introduction:
  - (a) Importance
  - (b) Planting-systems, training, pruning interopping, wind-break, protection from frost sunburn.
  - (c) Propagation-seed cutting, budding layering gootee, grafting.
  - (d) Cultivation-Mango-Papaya, Banana Guava and Citrus.
2. Vegetable Gardenings
  - (a) Kitchen gardening.
  - (b) Cultivation of Radish, Carrot, Cauli-Flower, Onion, Brinjal, Tomato and potato.
  - (c) Curcurbits and leafy Vegetables.
3. Ornamental Gardening:
  - (a) Common Ornamental and Flowering Plants.
4. Fruit and Vegetable Preservation :
  - (a) Preservation of fruits and vegetables
    - (i) General principals and methods of fruits and vegetables preservation- processing by heat, preservation by antiseptic, drying, preservation by fermentation and exclusion of air, dehydration and packing.
    - (ii) Preparation of jellies, jams and tomato ketchup.

**Unit 5**  
**Agriculture Business, Planning and Management**

- (i) Inventory of forms resources.
- (ii) Identifying forms family assets and liabilities.
- (iii) Maintenance of Form-record and accounts.

## **SYLLABUS FOR COMBINED ENTRANCE TEST**

**M. Sc.**

### **(FOOD SCIENCE & TECHNOLOGY , BIOTECHNOLOGY AND BIOINFORMATICS)**

#### **Section-A (Physical Science)**

Quadratic equations, arithmetic, geometric and harmonic series, logarithms, indices, simple problems on binomial theorem, elementary trigonometric formulae problems of heights and distances, solutions of triangles, functions, limit and continuity, standard formulae for differentiation and integration, properties of determinants and matrices, distance formula, section formula, straight line. Basic statistical concepts.

Basic concepts in Chemistry, Units, Laws of chemical combination, mole concept, percentage composition, stiochiometry in chemical reaction. States of matter, Solid, liquid and gaseous state properties. Atomic structure, quantum mechanical treatment of atom, Periodic classification and periodic properties of elements. Chemical bonding and molecular structure, Kossel-Lewis concept, Born-Haber cycle, VSEPR model, valence bond approach, hybridization, bond properties, Concentration of solutions, colligative properties. Chemical thermodynamics and energetics, First and Second laws of chemical thermodynamics, Free energy concept, equilibrium processes, ionic equilibrium in solutions and phase equilibrium, Chemical Kinetics, Surface phenomenon, adsorption, absorption, catalysis and colloids, Coordination compounds in biological systems, metalloproteins, Redox reaction, Elements in biological systems, Fundamental organic chemistry concepts, Stereochemistry, Organic compounds having O, N, S and halogen containing functional groups, Chemicals in medicine, healthcare and plant protection.

Mechanical properties of matter – units and dimensions, basic and derived units, vector and scalar quantities, Newton's Laws, Gravitational and inertial forces, centrifugal force, motions, work, energy, lever, elasticity, surface tension, fluid flow, viscosity, Stokes law, bernoulli's equation, Reynolds number, Hooke's law. Thermodynamics, heat transfer-conduction, convection, radiation, heat capacity, specific and latent heat, isothermal and adiabatic processes, Boyle's and Charles's law, thermal expansion of solids, liquids and gases. Optics, reflection, refraction, interference, differaction, polarization of light, ray optics and optical instruments, quantum optics, electromagnetic spectrum and spectroscopy, photon, energy and matter, light absorption and emission, spectrophotometry, photoelectric effects, Sound and ultrasonics, wave propagation, beats, echo, resonance, Doppler effect,

microphones and speakers. Electricity and magnetism, Columb's law, electric field, potential, electromotive force, current, Ohm's law, thermal effects of current, Joule's law, electric circuits, parallel and series, Wheatstone bridge, resistors and capacitors, temperature and resistance, Kirchoff's law, Conductance, capacitance, dielectric effects, electrolysis, electric cell, electromagnetism, electric motors, alternate and direct currents.

### **Section – B (Biological Science)**

Origin and evolution of life, unity and diversity of life, heredity and variations, Mendelian genetics, chromosomal basis of inheritance, other patterns of inheritance, modern classification of live forms, evolution, cell as a unit of life, cell organelles – structure and function, cell division, growth, cellular differentiation, division of labour, tissue, organs, organization of live forms, species, population, communities, succession, ecosystem, man made ecosystems, agro-ecosystem, terrestrial and aquatic ecosystems, deforestation and afforestation, interaction biotic and abiotic components, biosphere, energy flow, food chain and food web, life styles – producers, consumers and decomposers, energy and biomass pyramid, pollution and environment. Plant life – taxonomy of kingdom planta, algae, fungi, lichens, mycorrhizae, bryophytes, pteridophytes, gymnosperms and angiosperms, plant nutrition, essential elements, their function, uptake and transport of minerals, photosynthesis, respiration, transpiration and reproduction in plants, flower and inflorescence, structure and function of flower, development of male and female gametophytes, pollination, fertilization development of endosperm, embryo, seed and fruit, fruit ripening, hormone and growth regulators, seed dormancy and germination, growth, differentiation, photoperiodism, senescence and abscission, weeds and crop plant, herbicides and pesticides application in agriculture. Animal life – animal taxa, invertebrates and vertebrates, animal tissues, organs and systems, their structure and functions, digestive processes in humans, absorption, egestion, secretion and excretion processes, respiration, transport of gases and nutrients, gas exchange and accumulation of reserve nutrients, excretory organs and function in human body, osmoregulation, thermoregulation, composition of urine, growth and reproduction in animal kingdom, hormones and endocrine glands, gametogenesis and differentiation of male and female gametes, fertilization and development of zygote upto three germ layers, fate of germ layers in embryo development, growth repair and aging processes, sense organs in human and basic physiology of senses. Biomolecules – carbohydrates, mono-, di- and polysacchrides, aminoacids, peptides and proteins, fatty acid and lipids, their structure and functions in cell and foods nucleic acids – DNA, RNA their bases, concepts of genetic code, gene, genome and genetic engineering, Digestion and absorption of food constituents. Biomembrane, structure of unit membrane, functions of membrane, enzymes, glycolysis and TCA cycle, election transport chain,

energy rich compounds, free energy change of reactions, half cells and redoxpotential, concept of pH and buffer, immune response, antigen antibody interaction, hypersensitivity, allergy, inflammations, vaccines, cellular immunity. Morphology and cellular structure of bacteria, yeast and molds, prokaryotic and eukaryotic cellular organization, environmental factors affecting growth and survival of microorganisms, growth pattern of bacteria, useful and harmful microbes, methods of control of microbial growth, asepsis, sanitation, sterilization, viruses, lytic cycle. Introduction of plant tissue culture – scope, principles underlying in vitro culture, callus and plant regeneration, micropropagation, synthetic seeds, somaclonal variation, anther and microspore culture, in vitro selection, embryo culture, protoplast culture and somatic cell hybridization. Introduction to genetic engineering – steps in genetic engineering, enzymes for cutting and joining DNA molecules, vector, molecular probe, Southern and Northern blotting, gene transfer methods in plants – *Agrobacterium* mediated gene transfer, microinjection, chemical mediated, electroporation, biolistic or gene gun, transgenic plants.

## VIII

### POST-GRADUATE DIPLOMA COURSES (RESIDENTIAL)

#### SPECIAL INSTRUCTIONS

1. Applicants are advised to go through the prospectus carefully before applying for admission.
2. No column in the application form be left blank. All entries in the columns be legible. Columns not related be marked as N.A.
3. No certificate in original be sent along with admission form. Only attested copies of the same be attached.
4. No correspondence with regard to date of counselling and registration will be made with the applicants.
5. Applicants are required to be physically present on the date and time mentioned in the prospectus for counselling and registration and must bring all original documents for verification, photocopies of which have been attached with admission form in support of claims for admission.
6. Admission will be provisional subject to confirmation of eligibility at a later date on completion of requirement including migration certificate from the previous university.
7. No student will be allowed to register simultaneously for any other degree/diploma course in any university/Institute, except for distance education programme.
8. The rules incorporated in this prospectus are subject to over-riding effect of the relevant rules and regulations, etc. contained in CCSHAU calendars. Rules and regulations in the calendars of the university shall be applicable for matters not specifically covered in this prospectus.
9. Fee once deposited shall not be refunded. No fee be sent with application form.
10. Examination will be internal at the end of each semester.
11. Hostel facilities on payment, as prescribed for other degree programmes, are available.
12. Fee structure will remain the same for all categories of applicants.
13. No financial assistance is provided.

**Important Dates:**

Sale of prospectus and application form 10.5.2006

Last date of submission of application 29.7.2006

Last date of submission of application with late fees 7.8.2006

Date of Counselling & Admission for PGDC programmes: **14.8.2006 at 10.00 a.m.**

Cut Off date for all PGDC vacant seats - 19.8.2006 (10.00 AM to 12.00 Noon)

## Post-Graduate Diploma Courses (Residential)

### Summary

Each PGDC Programme, as listed below, is of one-year duration (2 consecutive Semesters). Number of available seats are 20. More details are available in subsequent pages as indicated against each Post-Graduate Diploma.

Code No	Course Title	Annex. Page	Required Qualifications	Fee per Semester
PGDC – 1	Post-Graduate Diploma in Biotechnology	78	B. Sc. (Ag./Biology)	10,000/-
PGDC – 2	Post-Graduate Diploma in Industrial Microbiology	79	B. Sc. (Biology)	10,000/-
PGDC– 3	Post-Graduate Diploma in Apparel Designing and Management	80	Graduate in any discipline	10,000/-
PGDC – 4	Post-Graduate Diploma in Human Nutrition and Dietetics	81	B.Sc.(Biology/H. Sc./Ag.) /B. A. with Home Science/Graduate in medicine/Ayurvedic medicine/Pharmacy	10,000/-
PGDC –5	Post-Graduate Diploma in School Counseling	82	Graduate in any discipline	5,000/-
PGDC-6	Post-Graduate Diploma in Communication Skills in English	83	Graduate in any discipline	2500/-
PGDC–7	Post-Graduate Diploma in English Hindi Translation	84	B.A./ B. Sc.	2500/-

**NOTE: 1. In addition to above fee, students interested to stay in Hostel, shall have to pay hostel charges as prescribed for other degree programmes.**

## **RULES AND REGULATIONS GOVERNING ADMISSION**

### **1. Admission Form and Prospectus**

- 1.1 Admission form filled in and completed in all respects be submitted to the Assistant Registrar (PGS), CCSHAU, HISAR – 125 004 so as to reach him on or before **29.07.2006** and **7.8.2006** with late fee of Rs.100/-.
- 1.2 Separate original admission form is required to be submitted for each PGDC Programme.
- 1.3 No admission form is entertained after the last date of submission of the form.
- 1.4 Self Attested copies of the documents as mentioned in rule 5.9 to 8 page 18 to 19 are required to be attached with the Admission Form by all candidates.

- Note:**
1. No original certificate be sent with application. However, these are required to be produced for verification at the time of counselling.
  2. No correspondence with regard to return/loaning of certificate is entertained.
  3. No request for verification/inspection of date of birth from the certificate already submitted is entertained.

### **2. Admission Policy**

#### **2.1 PGDC-Residential**

For admissions 75% seats are reserved for Haryana residents and 25% seats are open to applicants of other states. All applicants claiming to be bonafide residents of Haryana should produce a Haryana resident certificate as per rule 5.9(ii) page 18.

### **3. Admission-cum-Counselling – Residential Courses**

- 3.1 After the last date of receipt of the admission form, preliminary scrutiny will be done. The list will be displayed 2 days before counselling on the notice Board in the office of Dean, Post-Graduate Studies. It will be the responsibility of candidate to consult the list and remove deficiency, if any, before the schedule of counselling, failing which he/ she will not be considered for admission.

- 3.2 Eligible applicants are required to report for counselling in the office of the Dean, PGS, CCS HAU, Hisar on the date and time prescribed in the prospectus. Physical presence of the applicant is a must at the time of counselling and Registration.
- 3.3 Applicants are required to bring all 'Original Documents' for verification.
- 3.4 Based on document verification 'Final Merit List' of applicants is prepared and displayed. Admissions are accordingly made as per rules.
- 3.5 Merit in the 'Qualifying Examination' will be the sole criteria for admission. Inter-se merit of reserved category candidates shall be prepared for admission against reserved seats. In case of same marks at Graduation level, merit at 10+2 level will be considered. If at 10+2 level the marks are similar, merit at Matriculation level will be considered. Further, if Matriculation level merit is also similar the age of the applicant will be considered and person elder in age will be given admission.
- 3.6 Selected candidates are required to pay the dues there and then, else forfeit claim of admission.

#### **4. Admission Committee**

- 4.1 The Admission Committee will consist of (a) the Dean, Post-Graduate Studies, (b) the Dean of the concerned college and (c) the Assistant Registrar (Academic).

#### **5. Distribution of Seats to Haryana Residents for Admission**

- 5.1 Distribution of seats for admission against the seats meant to be filled in with candidates having Haryana Resident Certificates shall be as under:

(i) Schedule Castes	Block-A (SCA)	10%	} 20%
	Block-B (SCB)	10%	
(ii) Backward Class	Block-A (BCA)	16%	} 27%
	Block-B (BCB)	11%	

Note: 3% horizontal reservation to Ex-servicemen/freedom fighters and their dependents by providing reservation with reservation of 1% of general category, 1% out of scheduled castes and 1 % from backward classes category for admission to the various educational institutions of the Government and Government aided/self financing colleges. Institutes located in Haryana. As far as block allocation in Block A and Block B of Scheduled Castes and Backward classes categories is concerned, year wise rotational system will be

adopted. For example, if Block A of Scheduled Castes and Backward Classes are given seats in the Academic year 2006, the next block i.e. B Block of categories of scheduled castes and backward classes will be given seats in the next academic year i.e. 2007 and so on (Vide letter No.22/27/2004-2GSIII dated 20.10.2005 received from the Chief Secretary to Government of Haryana)

- (iii) Physically handicapped having permanent disability of not less than 40% and produce affidavit from CMO of the District to which they belong (low vision, hearing impairment, locomotor disability or cerebral palsy whosoever is found suitable by the Admission Committee (PH) } 3%

5.2 Rest of the seats are for general category (GC).

**Note:** Seats meant for Category A & B are interchangeable, if remain vacant. If still remaining vacant, these will be added to general category.

## 6. System of Examination

6.1 'Semester System' of examination shall be followed. Students are required to get minimum of 50% marks for satisfactory clearance of a course. S/US grade will be awarded in Training/ Seminar/ In-Plant Training Courses. In other Courses students will be graded on 10-point scale out of 100 marks. DMC indicating Grade Point Average shall be issued at the end of each semester. Students completing all the courses and obtaining over all grade point average of not less than 5.00/10.00 will be awarded Diploma under signatures of the Registrar and Dean of College concerned indicating OGPA and also %age of marks.

6.2 Examination for each course will be held at the end of a Semester.

## Conclusions

The Prospectus gives only general information about the PGDC programmes offered by various constituent colleges with the major departments offering the programmes. Detailed rules on all aspects are available in the University Calendars and instructions issued from time to time.

## Post- Graduate Diploma Programmes

### COLLEGE OF BASIC SCIENCES AND HUMANITIES

#### PGDC – 1: Post- Graduate Diploma in Biotechnology

**Nodal Department:** Biotechnology and Molecular Biology

#### Scope and Opportunities

Biotechnology is an emerging area with immense potential in plant and animal production and reproduction as well as in food and fermentation industries. Industries have come up with scope of employment for persons with biology background and training in Plant and Industrial Biotechnology. Practical applications of Micro-propagation in plants with incorporation of desired genetic traits, bio-engineering of metabolic pathways for value addition in food, chemical and energy industries, use of microbes and plants as bioreactors for the production of foreign, non-plant compounds, production of bioactive pesticides, vaccines, antibodies and a range of enzymes are the major area requiring biotechnological approaches. The course programme exposes the agriculture and biology graduates in this area with practical training. Graduates with practical exposure in biotechnology will find vast opportunity in emerging Biotechnology Industries.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
BMB 451	Basics in Biotechnology and Molecular Biology	3+0	I
BMB 452	Applied Molecular Biology	2+0	I
BMB 453	Practicals in Molecular Biology	0+5	I
BMB 454	Practicals in Plant Genetic Transformation	0+5	I
BMB 455	Plant Tissue Culture	2+0	II
BMB 456	Industrial Biotechnology	2+0	II
BMB 457	Practicals in Plant Tissue Culture	0+5	II
BMB 458	Practicals in Industrial Biotechnology	0+5	II
BMB 491	Seminar	1+0	II

## COLLEGE OF BASIC SCIENCES AND HUMANITIES

### PGDC –2: Post- Graduate Diploma in Industrial Microbiology

**Nodal Department:** Microbiology

#### Scope and Opportunities

Microbes besides playing a vital role in agriculture are known workhorses of the fermentation industry. They have been fast replacing the non-ecofriendly chemical processes both in production and service industry. The former includes the production of alcohol (industrial alcohol, wine and beer), vinegar, organic acids, bakery and milk products, baker's yeast and SCP, antibiotics, enzymes, vitamins and other growth factor, biofertilizers, biopesticides and biopolymers. The service industry involves the treatment of city waste and industrial effluents with concomitant production of energy in the form of biogas. Therefore, this one-year PG course in Industrial Microbiology will be open to graduates with background in biology, as well as those who are employed in such industries. The course is expected to offer employment opportunities in terms of operational jobs in the fermentation industries mentioned above.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
Micro 451	General Microbiology	3+0	I
Micro 452	Principles of Fermentation Microbiology	2+0	I
Micro 453	Microbiological Methods	0+5	I
Micro 454	Microbiological Analysis	0+5	I
Micro 455	Industrial Microbiology – I	3+0	II
Micro 456	Industrial Microbiology – II	2+0	II
Micro 457	Fermentation Technology	0+5	II
Micro 458	Fermentative Production of Industrial Chemicals	0+5	II

## I. C. COLLEGE OF HOME SCIENCE

### PGDC – 3: Post-Graduate Diploma in Apparel Designing and Management

**Nodal Department:** Clothing and Textiles

#### Scope and Opportunities

The only solution to fight with unemployment problems in India is to develop entrepreneurship amongst youth. For that, technical and managerial skills are required. Professionally trained personnels in dress designing and management with advance training skills will meet the pressing requirements of the ready-made garment industry and also to start their home based garment-manufacturing units. The diploma will have employment opportunities/ self employment as fashion coordinator, dress designer, pattern maker, quality controller, entrepreneurs/boutique owners, free lanced designers, merchandisers, production managers and supervisors.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
CT 451	Dress Designing	1+5	I
CT 452	Fabric Embellishment	1+2	I
CT 453	Computer-aided Fashion Designing-I	0+4	I
CT 454*	Apparel Designing and Pattern making	1+5	II
CT 455	Management of Apparel Manufacturing Unit	2+1	II
CT 456	Computer-aided Fashion Designing-II	0+4	II

\* 6 weeks inplant training after the completion of courses.

## I. C. COLLEGE OF HOME SCIENCE

### PGDC –4: Post-Graduate Diploma in Human Nutrition and Dietetics

**Nodal Department:** Foods and Nutrition

#### Scope and Opportunities

Dietetics is the branch of nutrition, which deals with the study of diets in health and disease. Diet Therapy has a primary role in the treatment of many disorders. Proper diet and care can greatly help in early recovery of the patient. The diploma intends to train the students in normal and therapeutic nutrition as well as in nutritional disorders. It would be helpful in developing capacity and aptitude for taking up dietetics as a profession for making role of nutritionist more effective in diet therapy. The students after completion of diploma will be able to do suitable dietary modifications for better management, prevention and control of GIT problems, febrile condition, infectious diseases, liver disorders, obesity, diabetes mellitus, heart diseases and disorders of kidney and would ensure proper care of the patients.

The students under this diploma will be given practical exposure for planning, calculation, preparation and service of therapeutic diets for different diseased patients and shall get gainful employment in hospitals/clinics/health centers/health clubs and diet counseling centers.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
FN 451	Clinical Nutrition and Health	2+1	I
FN 452	Community Nutrition	1+2	I
FN 453	Therapeutic Nutrition I	2+2	I
FN 454	Food Microbiology	1+1	I
FN 455	Computer Science	0+2	I
FN 456	Therapeutic Nutrition II	1+2	II
FN 457	Institutional Food Service and Management	1+1	II
FN 458	Hygiene and Physiology	1+2	II
FN 459	Diet Counseling	0+2	II
FN 460	In-plant Training	0+6 (S/US)	II

## I. C. COLLEGE OF HOME SCIENCE

### PGDC – 5: Post-Graduate Diploma in School Counseling

**Nodal Department:** Human Development and Family Studies

#### Scope and Opportunities

Children come to school, endowed with all their human potentials for growing developing and learning. A teacher can stimulate and develop their human potential through careful, thoughtful guidance techniques. From the past few years school students are facing so much of stress and undergo behavioral problems. This diploma will help in identifying and solving problems of students in schools by providing counseling. The students after completion of this diploma will be able to do counseling of students in schools, hospitals and in various family and child welfare service programmes.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
HDFS 451	Introduction to Human Development	1+2	I
HDFS 452	Introduction to Counseling and Guidance	2+2	I
HDFS 453	Personal and Educational Guidance	1+3	I
HDFS 454	Counselling Strategies and Techniques	1+3	I
HDFS 455	Vocational Guidance and Career Counselling	2+2	II
HDFS 456	Personal Development	1+2	II
HDFS 457	Counselling Psychology	2+2	II
HDFS 458	Practicals in Guidance and Counselling	0+4	II

## COLLEGE OF BASIC SCIENCES AND HUMANITIES

### PGDC – 6: Post-Graduate Diploma in Communication skills in English

**Nodal Department:** Languages and Haryanvi Culture

#### Scope and Opportunities

In this age of globalization, the knowledge of communication skills in English is of paramount importance. It will enhance the self-confidence of the students and will make them better equipped for the challenges ahead. It will help the prospective job seekers to face the interviews boldly and discharge their duties successfully as newsreaders, public relation officers, teachers, researchers, extension workers and also as executive in agro-industries, pharmaceutical units, soft-ware and other multinational companies, tourism, hotel industries etc.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
LHC 471	Listening, comprehension and Spoken English	5+0	I
LHC 472	Functional English	5+0	I
LHC 473	Journalistic and Creative Writing	5+0	II
LHC 474	Project work	0+5	II

## COLLEGE OF BASIC SCIENCES AND HUMANITIES

### PGDC – 7: Post-Graduate Diploma in English-Hindi Translation

**Nodal Department:** Languages and Haryanvi Culture

#### Scope and Opportunities

In view of the growing interaction between scientists and specialists in different fields, where different languages are in use in the country, there is an urgent need to have translation skills from Hindi to English as well as English to Hindi. This course is designed for media persons, scientists and persons employed in industries involved in translation of English literature to Hindi and vice-versa. The course is designed for one-year programme.

#### Course Curriculum

Course No.	Course Title	Credit hrs.	Semester
LHC 451	Principles of Translation	3+0	I
LHC 452	Problems of Translation	3+0	I
LHC 453	Editing and Drafting Techniques	3+0	II
LHC 454	Practice of Translation	0+3	II