

Application for
**RECOGNITION OF COLLEGES UNDER SECTION 2(f) &
12(B)**
of the UGC Act, 1965

COLLEGE OF BASIC SCIENCES & HUMANITIES
(COBS&H)
CCS HARYANA AGRICULTURAL UNIVERSITY
HISAR – 125 004 (HARYANA)



Submitted to
UNIVERSITY GRANTS COMMISSION (UGC)
Bahadur Shah Zafar Marg, New Delhi - 110 002, India

APPLICATION FOR RECOGNITION OF COLLEGES UNDER SECTION 2(F) & 12(B) OF THE UGC ACT, 1956

1.	Full Name of the College/Institute as affiliated/recognized with the University		College of Basic Sciences & Humanities as constituent college of Chaudhary Charan Singh Haryana Agricultural University, Hisar (CCS HAU)		
2.	Name of the Principal/Dean		Dr. Saleem Siddiqui		
3.	Year of Establishment (as a degree Institute)		1970		
4.	Whether College/Institute is getting funds from any Government Sources or it is a Self-Financing College		Yes, major funding from State Govt., ICAR and minor funding from other government agencies		
5.	Name of the University to which affiliated		Chaudhary Charan Singh Haryana Agricultural University, Hisar		
6.	Degree offered by the College/Institute		Post-Graduate Degree in the following subjects		
	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction
	Biochemistry	M.Sc.	Two Years	B.Sc. (Botany, Zoology and Chemistry), B.Sc./B.Sc. (Hons.) Biotechnology/ Biochemistry/ Microbiology/ B.Sc. (Hons.) Ag.	English
		Ph.D.	Three years	M.Sc. Biochemistry/ Ag. Biochemistry/ Plant Biochemistry	English
	Bioinformatics	M.Sc.	Two Years	Bachelor's degree any discipline of science	English
	Chemistry	M.Sc.	Two Years	B.Sc. (Hons.) Ag./ B.Sc. with Chemistry as one of the subjects	English
		Ph.D.	Three years	M.Sc. Chemistry	English
	Microbiology	M.Sc.	Two Years	B.Sc. (Botany, Zoology and Chemistry), B.Sc./B.Sc. (Hons.) Biotechnology/ Biochemistry/ Microbiology/ B.Sc. (Hons.) Ag.	English
		Ph.D.	Three years	M.Sc. (Microbiology/ Ag. Microbiology)	English
	MBB	M.Sc.	Two Years	M.Sc. (Botany, Zoology and Chemistry), B.Sc./B.Sc. (Hons.) Biotechnology/ Biochemistry/ Microbiology/ B.Sc. (Hons.) Ag./B.Sc. Agri. Biotechnology	English
		Ph.D.	Three years	M.Sc. Molecular Biology and Biotechnology/ Biotechnology/ Ag. Biotechnology/ Genetic Engineering/ M.Sc. in Biosciences/ Plant Sciences/ Life Sciences with specialization in Biotechnology	English
	Plant Physiology	M.Sc.	Two Years	B.Sc. (Botany, Zoology and Chemistry), B.Sc./B.Sc. (Hons.) Biotechnology/ Biochemistry/ Microbiology/ B.Sc. (Hons.) Ag./B.Sc. Agri. Biotechnology	English
		Ph.D.	Three years	M.Sc. Plant Physiology / Crop Physiology/ M.Sc. Botany/ Biosciences/ Plant Sciences with specialization in Plant Physiology	English

	Sociology	M.Sc.	Two Years	B.Sc. (Hons.) Ag./ B.A./ B.Sc. (Home Science)/ B.V.Sc. (those possessing B.A. degree will be awarded M.A. degree in Sociology on qualifying Master's Programme)	English															
		Ph.D.	Three years	M.Sc. (Sociology/ Rural Sociology), M.A. Sociology	English															
	Statistics	M.Sc.	Two Years	B.Sc. Statistics/ B.Sc./ B.Sc. (Physics, Chemistry and Mathematics), B.Sc. Bioinformatics/ B.Sc. Computer Science/ B.Tech./ B.Sc./ B.Sc. (Hons.) Ag.	English															
		Ph.D.	Three years	M.Sc. (Statistics/ Mathematical Statistics/ Applied Statistics/ Ag. Statistics)	English															
	Zoology	M.Sc.	Two Years	B.Sc. (Hons.) Ag./ B.Sc. with Zoology as one of the subjects	English															
		Ph.D.	Three years	M.Sc. Zoology	English															
	Environmental Science	M.Sc.	Two Years	B.Sc. (Botany, Zoology & Chemistry); B.Sc./B.Sc. (Hons.) Biotechnology/ Biochemistry/Microbiology/B.Sc. (Hons.) Ag./ B.Sc. Agri. Biotechnology.	English															
	Physics	M.Sc.	Two Years	Bachelor degree with Physics as one of the subject	English															
	PG Diploma	Communication skills in English	One Year	Graduation	English															
		English-Hindi Translation	One Year	Graduation	English															
7.	Subjects taught	<p>Major Subjects</p> <table border="0"> <tr> <td>1. Biochemistry</td> <td>2. Bioinformatics</td> <td>3. Chemistry</td> </tr> <tr> <td>4. Microbiology</td> <td>5. Plant Physiology</td> <td>6. Sociology</td> </tr> <tr> <td>7. Molecular Biology & Biotechnology</td> <td>8. Statistics</td> <td>9. Zoology</td> </tr> <tr> <td>10. Physics</td> <td>11. Botany</td> <td>12. English</td> </tr> <tr> <td>13. Hindi</td> <td></td> <td></td> </tr> </table> <p>For details of the courses, please visit the university web site link http://hau.ernet.in/pgs/pdf/cobsn_pgs.pdf</p> <p>In addition, under choice based system, courses from minor subjects are also taken from other departments of College of Basic Sciences & Humanities, College of Agriculture and College of Home Science and College of Agri. Engineering</p>				1. Biochemistry	2. Bioinformatics	3. Chemistry	4. Microbiology	5. Plant Physiology	6. Sociology	7. Molecular Biology & Biotechnology	8. Statistics	9. Zoology	10. Physics	11. Botany	12. English	13. Hindi		
1. Biochemistry	2. Bioinformatics	3. Chemistry																		
4. Microbiology	5. Plant Physiology	6. Sociology																		
7. Molecular Biology & Biotechnology	8. Statistics	9. Zoology																		
10. Physics	11. Botany	12. English																		
13. Hindi																				
8.	Total number of students on roll as on 31st December, 2016																			
	Department	Number of Students in M. Sc.			Number of Students in Ph.D.			Number of Students in PG Diploma												
		Male	Female	Total	Male	Female	Total	Male	Female	Total										
	Chemistry & Biochemistry	4	15	19	4	22	26	-	-	-										
	Microbiology	7	6	13	3	18	21	-	-	-										
	MBB&B	2	9	11	7	16	23	-	-	-										
	Botany & Plant Physiology	4	6	10	5	5	10	-	-	-										

Department	Number of Students in M. Sc.			Number of Students in Ph.D.			Number of Students in PG Diploma		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Sociology	2	4	6	2	2	4	-	-	-
Maths,Stat & Physics	4	3	7	4	3	7	-	-	-
Zoology	4	4	8	2	8	10	-	-	-
Languages and Haryanvi Culture	-	-	-	-	-	-	22	-	22
Total	27	47	74	27	74	101	22	-	22
Grand total	199								

9. No. of teachers employed as on 31 st December, 2016										
Department	Assistant Prof./ equivalent		Associate Prof./ equivalent		Professor/ equivalent		Total			
	Male	Female	Male	Female	Male	Female	Male	Female		
Chemistry & Biochemistry	1	1	-	-	2	1	3	2		
Microbiology	-	1	-	-	2	3	2	4		
MBB&B	1	2	-	-	1	3	2	5		
Botany & Plant Physiology	1	3	1	-	-	-	2	3		
Sociology	-	2	-	-	-	2	-	4		
Maths,Stat & Physics	3	2	1	-	-	-	4	2		
Zoology	2	-	-	-	1	1	3	1		
Languages and Haryanvi Culture	0	1	0	2	0	2	0	5		
Total	8	12	2	2	6	12	16	26		
10.	Has the College/Institute been granted permanent or temporary affiliation/ recognition, please indicate year of affiliation				Permanent 1970 (See page 7)					
Details of recognition from UGC										
Details of UGC recognition: Under Section			Date, Month & Year (dd-mm-yyyy)			Remarks				
12 (B)			List of State Universities which are included under Section 12(B) of the UGC Act, 1956 as on 23.09.2016 (See Annexures I and II)			University is recognized form UGC and now college recognition is being sought. Refer to UGC link http://www.ugc.ac.in/stateuniversitylist.aspx?id=8&Unitype=2				
Details of recognition by ICAR										
Under Section/ clause	Recognition/Approval details Institution/Department Programme				Day, Month and Year (dd-mm-yyyy)		Validity			
i.	ICAR (See page 8)				2.2.1970		7.3.2018			
11.	In case of temporary affiliation the period till which the affiliation is effective.				Not applicable					

12.	Does the College/Institute fulfil all the conditions laid down by the UGC for being brought on the approved list of affiliated colleges under Section 2(f) of the UGC Act	Yes
13.	Is the College/Institute being run by private management or by Central/State Government or it is a University College.	University College run by Haryana State
14.	Is the College/Institute registered under the Societies? Registration Act 1860 (21 of 1860) or is a body incorporate under a Central or State Act or is a trust with trustees being appointed and vested with legal powers & duties. If so, a copy of the Memorandum of Association and certificate of Registration of the society trust deed as applicable may be attached.	Not applicable
15.	In the case of College falling under clause 1 (iv) of regulations prescribed for recognition of Colleges, please indicate whether the Indemnity Bond and other documents prescribed have been attached or not.	Not applicable
16.	Any other remarks	
	<p>A. Educational Qualifications and Awards</p> <ul style="list-style-type: none"> Faculty of the COBS&H is well qualified and trained abroad in their respective specialized areas. Several faculty members have availed DAAD, Monbusho Indo-Japan, The Rockefeller Foundation, DBT Overseas, Commonwealth fellowships and have distinguished career in their field of specialization. All Professors/ equivalent and Associate Professors/equivalent are having Ph.D. Degree. Several faculty members have received ICAR sponsored Best Teacher Award, Rafi Kidwai Award, and recognition from National/International societies. The faculty has implemented several (~165) adhoc research projects from outside national & international agencies, and published quality research papers in high-impact factor journals. The College has filed 16 patent applications; three of these have already been granted. The COBS&H faculty has the honour of having distinguished faculty achieving Padamshree Award, positions of Vice-Chancellors of various Indian Universities and being the senior administrators in organizations like ICAR, CSIR, CCMB and ICRISAT. The institution makes its best efforts to introduce the need based courses such as Panchayati Raj course in deptt. of Sociology, Programme in ICT in Computer Section the more and more emphasis in Communication Skills by organizing in Communication Skills and on Environmental Education allot is being done by the Deptt. of Zoology, Botany, Microbiology and MBB&B. Courses on moral and ethical values like: IPR, Ethics, Library Services, Disaster management, English and technical writing are taught to the students. The students of this college have begged prestigious Dr. S.R. Vyas Gold Medal in Microbiology; Dr. V.D. Kashyap Gold Medal for best research worker from amongst the Ph.D. students and Dr. R N Pal Gold Medal for best Ph.D. thesis. 	
	<p>B. Infrastructure</p> <ul style="list-style-type: none"> The college is well established with class rooms having LCD projector, an internet work station, Departmental Libraries, well equipped laboratories and smart class rooms. Plant tissue culture facility, green houses have been renovated and rebuilt for the research purposes. Ramp and lift facility are present in the college to meet the needs of student with 	

	<p>physical disabilities.</p> <ul style="list-style-type: none"> • To cater the accommodation needs of students, proper hostel facility is provided with free Wi-Fi facility in the rooms. The college also provides Newspapers and magazines to the students for educational purposes. • 24x7 free Hospital facility of campus hospital is provided to the students during medical emergencies. • Girl's common room is available for women students to rest during break hours. A spacious auditorium is available for organizing cultural/educational events on regular basis. • RO water facility is provided on each floor for drinking water. • Centralized security system is available for the security purposes. • Common facilities such as Health Centre, Canteen, Women's cell, Auditorium, Library, Sports center, Badminton court and Tennis lawn are available for the students. • The COBS&H has well-equipped laboratories, modern smart class rooms, CCTV cameras, air-conditioned committee room and an auditorium with modern audio-visual facilities having a seating capacity of about 300 persons. • The college has 32 net houses, two transgenic green houses, a bio-fertilizer production unit and a biogas plant. • The COBS&H has well established Central lab housing various sophisticated and costly instruments like Surface plasmon resonance, high throughput multichannel potentiostat, galvanostat, scanning electrochemical microscope, real time quantitative PCR, Elisa reader, Real Time PCR, Western blot system, GLC, fermenter, chlorophyll fluorescence meter, rapid visco analyzer, lyophilizer, etc. • The COBS&H has a botanical garden covering an area of 10.5 acres having plant biodiversity of nearly 600 species that includes ornamental foliage plants, seasonal flowering plants, bamboos, ferns, cacti and succulent plants, medicinal and aromatic plants, chrysanthemums, roses, aquatic plants, climbers, shrubs, and trees. It has a great value in imparting knowledge of flora and fauna to students.
C.	<p>ICT facility</p> <ul style="list-style-type: none"> • The College of Basic Sciences & Humanities has a Computer centre imparts computer literacy to the students, and establishing Wi-Fi network and AEBS biometric systems in the University. • The university is going to implement IUMS/ERP system for the data management shortly. Regular courses of computers and special trainings on use of ICT are provided to teachers/students. Students are given seminars and lectures in smart class rooms enabled with LCD Projector and internet.
D.	<p>Teacher Student Interaction</p> <ul style="list-style-type: none"> • High teachers/students ratio of about 1:2 speaks of the more personal attention being given to the students for imparting quality education. The effective teaching, stringent examination and evaluation procedures have made the students to excel. The college follows advisory system which takes care of the academic needs of the students and motivates them for achieving excellence. • A total of about 60 PG students have qualified NET (UGC, CSIR, ICAR) and other competitive exams in past three years. Several of our students have secured international fellowships including Monsanto-Beachell Borlaug, BBSRC-DFID, Canadian Commonwealth, Indo-Israel, DAAD; and National fellowships e.g. INSPIRE, CSIR and UGC etc. The students passing out from this college have found placements in reputed Institutions such as ASRB, DRDO, CSIR, ICAR, SAUs, Govt. Colleges, public/private institutions/industries, abroad etc. • The college has distinction in organizing seminar/symposium on new technologies. Last year 'National symposium on transgenic plants' and National Conference on 'Trends in Nanobiotechnology' were organized.

	<ul style="list-style-type: none"> • Since past several years, COBS&H has also organized various functions like Science conclave, National Science Day, International Matribhasa Day, National Mathematics day, Annual Chrysanthemum Flower Show, Dr. B.R. Ambedkar Remembrance day, etc. • Extracurricular activities such as debate, declamation contests, and poster and quiz competitions are also organized for the students. Notably, COBSH won runner up trophy in youth festival in 2016.
E.	<p>Extension Activities</p> <ul style="list-style-type: none"> • The COBS&H participates in the extension activities of the university such as Kisan Mela and Kisan Divas. • College provides services to the farmers through helpline, trainings, radio and T.V. talks etc. • The college has adopted one village Shyam Sukh Dist. Agroha, Haryana under the banner <i>Unnat Bharat Abhhiyan and Adarsh Gram Yojna</i> for societal community participation.
F.	<p>Facilities Available on the Campus</p> <ul style="list-style-type: none"> • The campus has Sports facilities, library with books and journals, book bank, residential facilities for teachers and supporting staff, separate hostels for girls and boys with Common Room, Gym, Reading hall, Recreation room, Solar Heating system, Canteen, Mess, 24 hour medical facilities, Facilities like banking, post office, book shops and Transport facilities to cater to the needs of students and staff

**Signature of the Principal/Dean
of the College with Seal**

**Signature of the Registrar
of the affiliating University with Seal**



प्रोफेसर के. पी. सिंह
कुलपति
Professor K. P. Singh
Vice-Chancellor

चौधरी चरण सिंह हरियाणा कृषि विश्वविद्यालय
हिसार - 125 004 (हरियाणा) भारत
Chaudhary Charan Singh Haryana Agricultural University
Hisar - 125 004 (Haryana) India
(Established by Parliament Act No. 16 of 1970)



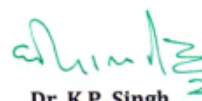
TRANSFORMING HARYANA - PROGRESSING HARYANA

Dt.: March 21, 2017

TO WHOM IT MAY CONCERN

This is to certify that College of Basic Sciences and Humanities is affiliated to the CCS Haryana Agricultural University, Hisar since 1970 and recognized by the University Grants Commission and the following Courses/Subjects are taught in the said college as per approval-

Sr. No.	Name of the Course(s) and Duration	Affiliation	Period of Validity for the year(s)
		Permanent/Temporary	
(I)	Two Years M.Sc. course in - Plant Physiology, Chemistry, Biochemistry, Statistics, Microbiology, Molecular Biology and Biotechnology, Bioinformatics, Sociology, Zoology, Food Science and Technology	Permanent	2016-17
(II)	Ph.D. in- Plant Physiology, Chemistry, Biochemistry, Statistics, Microbiology, Molecular Biology and Biotechnology, Sociology, Zoology, Food Science and Technology	Permanent	2016-17
(III)	P.G. Diploma in Communication skills in English	Permanent	2016-17
(IV)	P.G. Diploma in English- Hindi translation	Permanent	2016-17


21.3.2017

Dr. K.P. Singh
(Vice-Chancellor)
CCS Haryana Agricultural University,
Hisar-125 004

Vice-Chancellor
CCS Haryana Agril. University
HISAR.



**INDIAN COUNCIL OF AGRICULTURAL RESEARCH
NEW DELHI**

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

CERTIFICATE OF ACCREDITATION

On the recommendations of the ICAR Peer Review Team, the National Agricultural Education Accreditation Board, ICAR, New Delhi hereby grants accreditation to the **Chaudhary Charan Singh Haryana Agricultural University, Hisar (Haryana)** and its following constituent colleges upto March 03, 2018.

- College of Agriculture, Hisar
- College of Agricultural Engineering & Technology, Hisar
- **College of Basic Sciences & Humanities, Hisar**
- Indira Chakravarti College of Home Science, Hisar
- College of Agriculture, Kaul

The accredited academic programmes are listed overleaf.

March, 2017
New Delhi

(Narendra Singh Rathore)
Deputy Director General (Agril. Edn.), ICAR
and Vice-Chairman, NAEAB

(Trilochan Mohapatra)
Secretary, DARE & Director General, ICAR
and Chairman, NAEAB

CONTACT DETAILS

DR. SALEEM SIDDIQUI

PRINCIPAL/ DEAN

College of Basic Sciences & Humanities

CCS Haryana Agricultural University, Hisar

Website: http://hau.ernet.in/college_hau/index.php?college=COBS

Telephone Office: 01662 284310 Mobile: +91 9416397847

Email: dcobs@hau.ernet.in; dcobsccshau@gmail.com