

**College of Agricultural Engineering & Technology  
CCSHAU, Hisar**

**NOTICE**

**No.COAE&T/2018/Acad/  
Dated: 26.07.2018**

**As per course catalogue, the following courses will be offered to the students of B.Tech. (Agril.Engg.) during the 1<sup>st</sup> Semester 2018-19**

Course No.	Title	Cr. Hrs.	Name of Teacher (Dr./Er./Mr.)
<b>B.Tech. (Agril. Engg.) 1<sup>st</sup> year: (as per course catalogue 2017)</b>			
CE 101	Surveying and Leveling	3(1+2)	M.L. Bansal
CE 102	Engineering Mechanics	3(2+1)	M.L. Bansal
CHEM 101	Engineering Chemistry	3(2+1)	Sushila Singh
MATH 104	Engineering Mathematics-I	3(2+1)	Hemant Poonia
ME 101	Engineering Drawing	2(0+2)	Rajender Kumar
ME 102	Heat and Mass Transfer	2(1+1)	Rajender Kumar
PHY 101	Engineering Physics	3(2+1)	Rita Dahiya
SOILS 103	Principles of Soil Science	3(2+1)	K.K Bhardwaj/ Dev Raj
NCC/NSS	National Cadet Corps/ National Service Scheme	2(0+2)	K.D.Sehrawat/Sangeeta Sindhu/ Anil Kumar
TUT	Tutorial	1(1+0) NC	Respective Advisor
	<b>Total Credits</b>	<b>25(13+12)</b>	
<b>B.Tech. (Agril. Engg.) 2<sup>nd</sup> year: (as per course catalogue 2017)</b>			
AGRON 203	Principles of Agronomy	3(2+1)	Parveen Kumar
CE 201	Soil Mechanics	2(1+1)	M.L. Bansal
CE 202	Design of Structures	2(1+1)	M.L. Bansal
EE 201	Electrical machines & power utilization	3(2+1)	Amarjit Kalra
Eng. 201	Communication skills and personality development	2(1+1)	Manju Mehta
HORT 203	Principles of horticultural crops and plant protection	2(1+1)	Jeet Ram Sharma
MATH 201	Engineering Mathematics III	3(2+1)	Manju Tonk
ME 201	Machine Design	2(1+1)	Rajender Kumar
ME 202	Thermodynamics, Refrigeration and Air Conditioning	3(2+1)	Rajender Kumar
NCC/NSS	National Cadet Corps/ National Service Scheme	2(0+2)	K.D.Sehrawat/Sangeeta Sindhu/ Anil Kumar
TUT	Tutorial	1(1+0) NC	Respective Advisor
	<b>Total Credits</b>	<b>25 (14+11)</b>	
<b>B.Tech.(Agri.Engg.) 3<sup>rd</sup> year: (as per course catalogue 2011)</b>			
CE 301	Soil Mechanics	3(2+1)	M.L. Bansal
EE 301	Electrical Machines	3(2+1)	Amarjit Kalra
ME 301	Refrigeration and Air Conditioning	3(2+1)	Rajender Kumar
ME 302	Machine Design	3(2+1)	Rajender Kumar
FMPE 301	Tractor Systems and Controls	3(2+1)	Vijaya Rani/ Naresh
PFE 301	Dairy and Food Engineering	3(2+1)	D.K Sharma
SWE 301	Groundwater Engineering and Pumping Systems	3(2+1)	Sanjay Kumar
FMPE 390/ PFE 390/ SWE 390	Summer Training-I	3(0+3)	D.K Sharma
CCA	Co-curricular Activity	1(0+1)	Respective teacher
NCC/NSS (for LEET students)	National Cadet Corps/National Service Scheme	2(0+2)	K.D.Sehrawat/Sangeeta Sindhu/ Anil kumar
TUT	Tutorial	1(1+0) NC	Respective Advisor
	<b>Total Credits</b>	<b>28 (15+13)</b>	

<b>B. Tech. (Agril. Engg.) 4<sup>th</sup> year: (as per course catalogue 2011)</b>			
EE 401	Web Designing and Applications	3(1+2)	Amarjit Kalra
FMPE 401	Human Engineering and Safety	3(2+1)	Swapnil Choudhary
PFE 401	Food Processing Plant Design and Layout	3(2+1)	V.K. Singh
SWE 401	Micro Irrigation System Design	3(2+1)	Sanjay Kumar
FMPE 490/PFE 490/ SWE 490	Summer Training-II	3(0+3)	D.K. Sharma
TUT	Tutorial (NC)	1 (1+0)	Respective Advisor
	<b>Total Credits</b>	<b>16(08+08)</b>	
<b>Package I. Farm Machinery and Power Engineering</b>			
FMPE 402	Hydraulic Drive and Controls	3 (2+1)	Bharat Patel
FMPE 403	Farm Power and Machinery Management	3 (2+1)	Naresh
FMPE 411	Project on Farm Machinery and Power Engineering- I	3 (0+3)	Respective Project Adviser
<b>Package II. Processing and Food Engineering</b>			
PFE 402	Design and Maintenance of Green House	3 (2+1)	Ravi Gupta
PFE 403	Food Packaging Technology	3 (2+1)	Sunil Kumar
PFE 411	Project on Processing and Food Engineering –I	3 (0+3)	Respective Project Adviser
<b>Package III. Soil and Water Engineering</b>			
SWE 402	Remote Sensing and GIS Applications	3 (2+1)	Ram Naresh
SWE 403	Watershed Planning and Management	3 (2+1)	Sundeeep Kumar
SWE 411	Project on Soil and Water Engineering -I	3 (0+3)	Respective Project Adviser
	<b>Total Credits</b>	<b>25 (12+13)</b>	

**Note:**

1. The shifting of courses or assigning the course to any other teacher must not be done unless/special permission is obtained from Dean, COAE&T.
2. The concerned class teacher may kindly register the students accordingly at the time of registration 3<sup>rd</sup> & 4<sup>th</sup> August, 2018. The classes for the 1<sup>st</sup> Semester, 2018-2019 will start from 6<sup>th</sup> August, 2018 (Monday).

**sd/-**  
Dean, COAE&T

Endst. No. COAE&T/2018/Acad/

Dated: 26.07.2018

1. SPS to Vice-Chancellor, CCS HAU, Hisar for information.
2. Registrar, CCS HAU, Hisar.
3. Controller of Examination, CCS HAU, Hisar.
4. Dean, College of Agriculture, CCS HAU, Hisar.
5. Dean, College of Basic Sci.& Humanities, CCS HAU, Hisar.
6. Director Students Welfare, CCS HAU, Hisar.
- 7-11 All HODs, COAE&T, CCS HAU, Hisar.
- 12-17 Head, Deptt. of Math, Stat & Physics, Chemistry, Agronomy, Horticulture, Languages & Haryanvi Culture and Soil Sciences, CCS HAU, Hisar.
18. All concerned instructors (through email only).
19. PS to Dean, COAE&T for information
20. Notice Board, COAE&T
21. Incharge Computer Centre, COBS, CCS HAU, Hisar for uploading under colleges/COAE&T as list of UG Courses Semester-I (2018-19).

**sd/-**  
A&AO,COAE&T