

**COLLEGE OF AGRICULTURAL ENGINEERING & TECHNOLOGY**

**CCS HAU, Hisar**

**NOTICE**

No.COAE&T/2021/Acad/ 452-74

Dated: 19.02.2021

As per course catalogue, the following courses will be offered by this College to the students of B.Tech. (Agril. Engg.) during the 2<sup>nd</sup> Semester 2020-2021.

Sr.No	Title	Cr. Hrs	Name of Teacher (Dr./Er.)
<b>B.Tech.( Agril. Engg.) 1<sup>st</sup> Year: (as per course catalogue 2017)</b>			
ABM 102	Entrepreneurship Development and Business Management	3(2+1)	Dr. Amrita Girdhar/ Subodh Aggarwal
CE 103	Fluid Mechanics and Open Channel Hydraulics	3(2+1)	Sandeep Bhardwaj
CE104	Strength of Materials	2(1+1)	Sandeep Bhardwaj
EE 101	Web Designing and Internet Applications	2(1+1)	Sandeep Dhundhara
FOR 201/AGM 201/ SOILS 201/AG ECON 203/CHEM 201	Environmental Studies and Disaster Management (To be taught jointly by Forestry, Agricultural Metrology, Soil Science, Agricultural Economics & Chemistry)	3(3+0)	Kavita
MATH 105	Engineering Mathematics-II	3(2+1)	Manju S. Tonk/ Hemant Poonia
ME103	Workshop Technology and Practices	3(1+2)	Parvesh Antil
ME104	Theory of Machines	2(1+1)	Parvesh Antil
CCA	Co-curricular Activity	1(0+1)	Respective Teacher
TUT	Tutorial	1(1+0)NC	Respective Advisor
<b>Total</b>		<b>23 (14+9)</b>	
<b>B.Tech.(Agril.Engg.) 2<sup>nd</sup> Year: (as per course catalogue 2017)</b>			
CE 203	Building Construction and Cost Estimation	2(2+0)	Sandeep Bhardwaj
EE 202	Applied Electronics and Instrumentation	3(2+1)	Amarjit Kalra
FMPE 201	Tractor and Automotive Engines	3(2+1)	Naresh
ME 203	Auto CAD Applications	2(0+2)	Parvesh Antil
PFE 201	Engineering Properties of Agricultural produce	2(1+1)	Nitin Kumar/Ravi Gupta
RBEE 201	Fundamentals of Renewable Energy Sources	3(2+1)	Nishant Chaudhary
SWE 201	Watershed Hydrology	2(1+1)	Amandeep Singh
SWE 202	Irrigation Engineering	3(2+1)	Ram Naresh
SWE 203	Sprinkler and Micro Irrigation Systems	2(1+1)	Ram Naresh
CCA	Co-curricular Activity	1(0+1)	Respective Teacher
TUT	Tutorial	1(1+0)NC	Respective Advisor
<b>Total</b>		<b>24(14+10)</b>	
<b>B.Tech.(Agril.Engg.) 3<sup>rd</sup> Year : (as per course catalogue 2017)</b>			
EE 301	Computer Programming and Data Structures	3(1+2)	Sandeep Dhundhara
FMPE 303	Farm Machinery and Equipment-II	3(2+1)	Ganesh Upadhyay
FMPE 304	Tractor and Farm Machinery Operation and Maintenance	2(0+2)	Naresh
PFE 303	Post Harvest Engineering of Horticultural Crops	2(1+1)	Nitin Kumar/ Ravi Gupta
PFE 304	Dairy and Food Engineering	3(2+1)	V.K. Singh
SWE 304	Water Harvesting and Soil Conservation Structures	3(2+1)	Sanjay Kumar
SWE 305	Groundwater, Wells and Pumps	3(2+1)	Narender Kumar
RBEE 302	Bio-energy Systems: Design and Application	3(2+1)	Nishant Chaudhary
FMPE391/ PFE 391/ RBEE 391/SWE 391	Undergraduate Seminar	1(0+1)	Bharat Patel/ Nitin Kumar/ Nishant Chaudhary
CCA	Co-curricular Activity	1(0+1)	Respective Teacher
TUT	Tutorial	1(1+0)NC	Respective Advisor
<b>Total :</b>		<b>25(13+12)</b>	

B.Tech.(Agril.Engg.) Final Year : (as per course catalogue 2017)			
FMPE 401(Elective I)	Human Engineering and Safety	3(2+1)	Mukesh Jain
PFE 401 (Elective I)	Food Quality and Control		Anil Panghal
RBEE 401 (Elective I)	Photovoltaic Technology & Systems		Amarjit Kalra/ Sandeep Dhundhara
<b>SWE 401 (Elective I)</b>	Management of Canal Irrigation System		R. K. Jhorar
FMPE 402 (Elective II)	Hydraulic Drives and Controls	3(2+1)	Ganesh Upadhyay
PFE 402 (Elective II)	Food Plant Design and Management		Arun Kumar
RBEE 403 (Elective II)	Biogas Technology and Mechanism		Yadvika
SWE 402 (Elective II)	Remote Sensing and GIS Applications		Ram Naresh
FMPE 406 (Elective III)	Precision Agriculture and System Management	3(2+1)	Anil Kumar/ Ganesh Upadhyay
PFE 405 (Elective III)	Process Equipment Design		D. K. Sharma
RBEE 404 (Elective III)	Solar Energy Utilization		Y. K. Yadav
SWE 403 (Elective III)	Precision Farming Techniques for Protected Cultivation		Ram Naresh/ Amandeep Singh
<b>FMPE 491/ PFE 491/ RBEE 491/ SWE 491</b>	Project Plannint and Report Writing (Student READY) (Students required to register with same department as of elective package)	10(0+10)	All concerned teachers (Co-ordinator:Gaurav Chaudhary/V.K. Singh)
<b>Total:</b>		<b>19(6+13)</b>	

- \* **For Seminar FMPE/PFE/SWE/RBEE 391**
- Admission No.2018AE01BIV to 2018AE15BIV
  - Admission No.2018AE16BIV to 2018AE31BIV
  - Admission No.2018AE32BIV, 2018AE02BIV(R) to 2018AE40BIV(R) and 2019AE47B(L)II to 2019AE50B(L)II

Dr. Nitin Kumar  
Er. Bharat Patel  
Er.Nishant Chaudhary

**Remarks:**

- 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.

*[Signature]*  
12/2/21  
Dean, COAE&T

Copy to:

- Registrar, CCS HAU, Hisar.
- Controller of Examination, CCS HAU, Hisar.
- Dean, College of Agriculture, CCS HAU, Hisar.
- Dean, College of Basic Sci.& Humanities, CCS HAU, Hisar.
- All HODs , COAE&T, CCS HAU, Hisar.
- Head, Deptt. of Business Management, Math & Stat., Physics, Chemistry, Biochemistry, Agronomy, Farm Forestry and Agril. Economics, CCS HAU, Hisar
- Director Students Welfare, CCS HAU, Hisar.
- PA to Dean, COAET for information.
- Notice Board, COAE&T

*[Signature]*  
12/2/21  
Supdt. COAE&T