

Agenda for P.G. Faculty Meeting (I/2020) to be held on November 10, 2020 at 11:00 A.M. in the Dr. Ratan Singh Auditorium, College of Veterinary & Animal Sciences

Item No. 1	:	Confirmation of the minutes of I/2019 meeting held on December 11, 2019 (minutes have already been circulated) which may kindly be brought with you)
Item No. 2	:	Review of action taken (I/2019 meeting).
Item No. 3	:	Accreditation of P.G. Faculty members for Post Graduate Research.
Item No. 4	:	Timelines for various Academic Activities of Master's & Ph.D. students
Item No. 5	:	Presentation on Synopsis before its submission
Item No. 6	:	Sending soft copy of thesis to external examiners for evaluation
Item No. 7	:	Semester-wise submission of Thesis Research Credits report as Satisfactory/Unsatisfactory
Item No. 8	:	Conduct of written preliminary examination (major/minor), Master's/Doctoral Seminar, pre-oral, oral, pre-thesis submission seminar, viva-voce through online mode
Item No. 9	:	Amendment in regulations on Oral Preliminary Examination
Item No. 10	:	Printing of page number in Contents, Table of Title etc. of Thesis while its rough submission
Item No. 11	:	Mentioning ID No. of student instead of previous degree obtained on the cover page(s) of thesis
Item No. 12	:	Binding of published research papers from thesis in Ph.D. thesis during rough thesis submission
Item No. 13	:	Inviting external examiners from corporate sectors to conduct viva-voce for Master's thesis evaluation
Item No. 14	:	Revision in Remedial Courses Package for Master's students of Family Resource Management department having three years degree programme (B.Sc. Home Science)
Item No. 15	:	Revision in Remedial Courses Package for Master's students of Foods and Nutrition department having three years degree programme (B.Sc. Home Science)
Item No. 16	:	Revision in Remedial Courses Package for Master's students of Clothing and Textiles department having three years degree programme (B.Sc. Home Science)
Item No. 17	:	Reconstitution of Compulsory Minor Package of Department of Entomology
Item No. 18	:	Revision in Remedial Courses Package for Master's students of Human Development and Family Studies department having three years degree programme (B.Sc. Home Science)
Item No. 19	:	Any other item with the permission of Chair

Item No. I/2020:1 Confirmation of the minutes of I/2019 meeting held on December 11, 2019

No comment/modification the minutes of I/2019 meeting held on December 11, 2019 has been received, therefore, the minutes as circulated were confirmed.

Item No. I/2020:2 Review of action taken (I/2019 meeting held on December 11, 2019)

- Item No. : Accreditation of P.G. Faculty members for Post Graduate Research.**
I/2019:3 Accreditation of 04 faculty members for Master's research and 17 faculty members for Ph.D. research was approved by the Academic Council under Item No.: 2020:389:21 in its 389th meeting held on February 24, 2020 and implemented.
- Item No. : Start of Ph.D. degree programme in Statistics/Agricultural Statistics**
I/2019:4 Academic Council under Item No.: 2020:389:22 resolved to approve the item as per agenda in its 389th meeting held on February 24, 2020 and advised that approval of the Board of Management may be obtained.
Action : Head, MSCS
- Item No. : Start of two new courses viz. TCE-614 Dynamics of Structures [3(3-1-0)] & TCE-615 [3(3-1-0)] Seismic Analysis of Structures for M.Tech. (Structural Engineering) degree programme**
I/2019:5 Academic Council under Item No.: 2020:389:23 approved the agenda in its 389th meeting held on February 24, 2020.
Action : Head, Civil Engineering
- Item No. : Admission in M.Sc. Agriculture (Biotechnology) through University Entrance Examination**
I/2019:6 Academic Council under Item No.: 2020:389:24 approved the agenda in its 389th meeting held on February 24, 2020.
Action : Head, MBGE / Coordinator, Admissions
- Item No. : Admission Policy (2020-21) for MBA programme**
I/2019:7 Academic Council in its 389th meeting held on February 24, 2020 approved the agenda under Item No. 2020:389:25 with 33 seats under MBA (Agribusiness) in place of 32.
Action : Dean, CABM
- Item No. : Admission policy for 2020-21 for other PG programmes of the University**
I/2019:8 Approved by Academic Council under agenda Item No. 2020:389:11 in its 389th meeting held on February 24, 2020.
Action : Coordinator, Admissions
- Item No. : Replacement of two core courses of M.Sc. Agricultural Statistics/Statistics**
I/2019:9 Academic Council in its 389th meeting held on February 24, 2020 under agenda Item No. 2020:389:26 approved the replacement of two core courses viz., BPS-572 Design of Experiments-I [4(2-0-2×3)] and BPS-574 Sampling Techniques-I [3(2-0-1×3)] will stand replaced with BPS-662 Advanced Experimental Designs [3(2-0-1×3)] and BPS-671 Theory of Sampling [3(2-0-1×3)] of M.Sc. Agricultural Statistics/ Statistics degree programme.
Action : Head, MSCS
- Item No. : Inclusion of NIT, Uttarakhand, Srinagar in the recognized list of Institutions for carrying out research work**
I/2019:11(1) Approved by Academic Council under agenda Item No. 2020:389:27 in its 389th meeting held on February 24, 2020.
Action : Head, Electrical Engineering

Item No. I/2020:3 Accreditation of Faculty Members for Post Graduate Research

Proposal from the following faculty members were received for accreditation. These proposals were discussed and examined by the Accreditation Committee in its meeting held on November 06, 2020 at 4:00 P.M.

The minutes of the meeting of Accreditation Committee alongwith brief bio-data of faculty members is annexed. The Accreditation Committee has recommended that the faculty members as mentioned below may be accredited for P.G. research in the programme noted against each.

Sl. No.	Name of Faculty Member	Designation	Department	Accreditation Level
1.	Dr. H.S. Rawat	Asstt. Professor	Electrical Engg.	Master's
2.	Dr. Gagan Dixit	Asstt. Professor	Physics	Ph.D.
3.	Dr. Puja Goel	Asstt. Professor	Physics	Ph.D.
4.	Dr. Virendra Singh	Asstt. Professor	Physics	Ph.D.
5.	Dr. Rajiv Singh	Asstt. Professor	Electrical Engg.	Ph.D.
6.	Dr. Ashutosh Mishra	Assoc. Professor	Aquatic Eng. Management	Ph.D.
7.	Dr. Vaneeta Devi	Asstt. Professor	Civil Engg.	Ph.D.
8.	Dr. Tej Pratap	S.R.O.	Agronomy	Ph.D.
9.	Dr. Anita	Asstt. Professor	LPT	Ph.D.
10.	Dr. Shweta Saraswat	Asstt. Professor	Env. Science	Ph.D.
11.	Dr. K.C. Verma	Asstt. Professor	Biochemistry	Ph.D.
12.	Dr. Mohan Lal	Asstt. Professor	Irrigation & Drain. Engg.	Master's
13.	Dr. Simran Kaur Arora	Asstt. Professor	Food Sci. & Technology	Master's
14.	Dr. Shobhit Gupta	Asstt. Professor	Electrical Engg.	Master's
15.	Dr. Kranti Kumar	Asstt. Professor	Agronomy	Master's

The P.G. Faculty is requested to consider the above proposal for accreditation.

Dean, PGS

BRIEF BIO-DATA FOR MASTER'S ACCREDITATION

1. Name : **Harendra Singh Rawat**
 2. Designation : Assistant Professor
 3. Date of birth : 09.12.1980
 4. Department : Electrical Engineering
 5. Educational Qualification : Ph.D. (Electrical Engineering)
 6. Field of Specialization : Electrical Machines, Power Electronics, Drives and System Automation



7. Experience as Faculty member
 (i) Outside the University : 06.01.2005 to 24.09.2007
 (ii) (a) In the University : 25.09.2007 to till date
 (b) On present post : 25.09.2007 to till date

8. Publications:
 (a) No. of research papers published : 08
 (b) No. of articles published : Nil
 (c) Book/Chapters in books : Nil
 (d) Others
 i. Folder : Nil
 ii. News paper coverage : Nil
 iii. Abstracts : Nil

9. Details of courses taught:

<u>U.G. Level</u>		
S. No.	No. & Title of the course	Credit hrs.
1.	TEE-212: Principles of Electrical Engineering	4
2.	TEE-222: Basic Electrical Machinery	3
3.	TEE-260: Electrical Circuits	3
4.	TEE-261: Electrical Machine & Power Utilization	3
5.	TEE-380: Induction Machines	4
6.	TEE-381: Synchronous Machine	4
7.	TEE-484: Generalized Machine Theory	3
8.	TEE-104: Basic Electrical Engineering	5

<u>P.G. Level</u>		
S. No.	No. & Title of the course	Credit hrs.
1.	TEE-541: Instrumentation & Power Electronics	3
2.	TEE-685: Special Electromechanical Devices	3

10. No. of Master's students guided (in case of Ph.D. research) : NA

[Signature]
 20/02/2020
 Signature of staff member

[Signature]
 20/02/2020
 Signature of Head of the Department
Prof. & Head
 Electrical Engg., Deptt.
 College of Technology
 G.B.P.U.A.&T, Pantnagar-263145
 Distt - U.S.Nagar (Uttarakhand)

[Signature]
 Signature of Dean of the College
(Alaknanda Ashok)
 DEAN
 College of Technology
 Pantnagar-263145
 Distt. U.S. Nagar (Uttarakhand)

[Signature]
 Signature of Dean PGS
DEAN, P.G.S.
 21/02/2020

BRIEF BIO-DATA FOR PH.D. ACCREDITATION

- | | | |
|----|--------------------------------------|-------------------------------------|
| 1. | Name | : Gagan Dixit |
| 2. | Designation | : Assistant Prof. |
| 3. | Date of birth | : 08/09/1983 |
| 4. | Department | : Physics |
| 5. | Educational Qualification | : PhD |
| 6. | Field of Specialization | : Material Science |
| 7. | Experience as Faculty member: | |
| | (i) Outside the University | : w.e.f. 19 Jan 2013 to 23 Nov 2015 |
| | (ii) (a) In the University | : Continued from 26 Nov 2015 |
| | (b) On present post | : Continued from 26 Nov 2015 |
| 8. | Publications: | |
| | (a) No. of Research papers published | : 15 |
| | (b) No. of articles published | : None |
| | (c) Books/Chapters in books | : None |
| | (d) Other publications, if any | : 10 (abstracts) |
| 9. | Details of courses taught: | |



Sl.No.	No. & Title of the course	Credit hrs.
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<u>U.G. Level:</u>		
i.	BPP-195 Physics I	3(2, 2, 1×2)
ii.	BPP-196 Physics II	3(2, 2, 1×2)
iii.	BPP-198 Semiconductor Physics	5(3, 1, 1×2)
iv.	BPP-199 Mechanics	5(3, 1, 1×2)
	BPP-315 Elements of Nanotechnology	2(2)
	BPP-190 General Physics	3(2, 2, 1×3)

<u>P.G. Level:</u>		
i.	BPP 525 Spectroscopy	3

10. No. of Master's students guided (in case of Ph.D. research) : **3**

Name	ID.NO.	Thesis title	Year of completion
1. Priya Mehra	51095	Study of Structural and Optical Behaviour of Non-Stoichiometric Hexagonal YMnO ₃	2018
2. Lekha Joshi	52595	Structural & Optical study of Oxygen irradiated Cerium doped Nickel ferrite	2019
3. Upasana Sidana	52634	Study of Swift Heavy Ion Irradiation Induced Effect on Gadolinium doped Nickel Ferrite	2019

Signature of staff member *Gagan Dixit* 5/12/19

Signature of Head *[Signature]* 5/12/2019

Signature of Dean Concerned *[Signature]*
DEAN
 College of Basic Sciences & Humanities
 G. B. P. U. A. & T.
 PANTNAGAR-263145(U.A.)

[Signature]
DEAN, P.G.S.
 13/10/2020

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(10 copies are required on one page, on one side)

1. Name : Puja Goel
2. Designation : Assistant Prof.
3. Date of birth : 02/09/1980
4. Department : Physics
5. Educational Qualification : Ph.D.
6. Field of Specialization : Nanomaterials, Ferroelectrics



7. Experience as Faculty member:
 - (i) Outside the University : NIL
 - (ii) (a) In the University : w.e.f. 28.12.2015 Till Date
 - (b) On present post : w.e.f. 28.12.2015 Till Date
8. Publications:
 - (a) No. of Research papers published : 23
 - (b) No. of articles published : NIL (c) Books/Chapters in books: NIL
9. Details of courses taught:

a. Under Graduate Level:			
Sl. No.	Course No.	Title of Course	Credit Hours
1.	BPP315	Elements of Nanoscience and nanotechnology	2
2.	BPP196	Physics II	3
3.	BPP195	Physics I	3
4.	BPP 124	Elements of Physics	2
5.	BPP 197	Engineering Physics	3
6.	BPP 198	Semiconductor Physics	5
7.	BPP 142	Modern Physics and Instrumentation	3
b. Post Graduate level:			
1.	BPP-525	Spectroscopy	2
2.	BPP-552	Solid State Physics	2
3.	BPP-570	Experimental Physics	3
4.	BPP 601	Special Problem	2
5.	BPP-600	Master's Seminar	01
6.	BPP-788	Doctoral Seminar	01
7.	BPP- 690	Master's Thesis**	20
8.	BPP-534	Agromet. Instrumentation	03

10. No. of Master's students guided (in case of Ph.D. research) :

Name	ID.NO.	Thesis title	Year of completion
Ms Rita Joshi	51007	Synthesis and Characterization of Ni-Zn Doped Ferrite Nanoparticles	2018
Ms. Ashneet Kaur	52580	A Preliminary Study on the Effect of Copper Nanoparticles on Certain Pesticides	2019
Mr Ram Nivas	526711	Dielectric Study of Nematic (4-Cyano-4'-Pentylbiphenyl) Liquid Crystal	2019

Signature of staff member

Signature of Dean college concerned

Ndy
16.9.20
Dean, C.B.S.H.

Signature of Head of the Deptt.

Professor & Head
Physics Department

Signature of Dean PGS

P. Goel
18/10/2020
DEAN, P.G.S.

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(15 copies are required on one page, on one side)

1. Name : Virendra Singh
2. Designation : Assistant Professor
3. Date of birth : 07/04/1984
4. Department : Physics
5. Educational Qualification : Ph.D. (Physics)
6. Field of Specialization : Material Science, Fluorescence Spectroscopy
7. Experience as Faculty member:
- (i) Outside the University : w.e.f. Jan, 2012 to Nov, 2015
- (ii) (a) In the University : w.e.f. 26 Nov, 2015 to till date
- (b) On present post : w.e.f. 26 Nov, 2015 to till date
8. Publications:
- (a) No. of Research papers published : 09
- (b) No. of articles published : nil
- (c) Books/Chapters in books : 02 (01 in publication process)
- (d) Other publications, if any : 07 (conference abstracts)
9. Details of courses taught:



Sl. N	No. & Title of the course	Credit hrs.	Sl.N.	No. & Title of the course	Credit hrs.
U.G. Level					
i.	BPP-195, Physics I	3	iv.	BPP-198, Semiconductor Physics	5
ii.	BPP-196, Physics II	3	v.	BPP-151, Wave Optics and Introduction to Quantum Mechanics	5
iii.	BPP-197, Engineering Physics	3	vi.	BPP-201, Oscillations waves and Optics	4
P.G. Level:					
i.	BPP-530, Electronics	2	iv.	BPP-570, Experimental Physics	3
ii.	BPP-512, Electromagnetism	2	v.	BPP-401, Physics for Agrometeorologists	3
iii.	BPP-631, Linear and Digital IC II	3	vi.	BPP-534, Agrometeorological Instrumentation	3

10. No. of Master's students guided (in case of Ph.D. research) : 03

Name	ID.NO	Thesis title	Year of completion
1. Harshita Gangwar	50998	Study of Optical Properties of Zinc Doped Tellurite Glasses	2018
2. Basant Kumar Yadav	52672	Study of Optical and Physical Properties of Erbium (Er ³⁺) Doped Zinc Boro-Tellurite Glasses	2019
3. Anamika	52760	Adsorption Study of Heavy Metals from Aqueous Solutions using Magnetite Nanoparticles	2019

Signature of staff member

Signature of Dean College
Dean, C.B.S.I.T.

Signature of Head of the Deptt.

Signature of Dean PGS
DEAN, P.G.S.

17/06/2020
Physics Department

15/10/2020

BRIEF BIO-DATA FOR Ph.D. ACCREDITATION

(10 copies are required on one page on one side)



1. Name : **Rajiv Singh**
 2. Designation : **Assistant Professor**
 3. Date of birth : **19.07.1977**
 4. Department : **Electrical Engineering**
 5. Educational Qualification : **Ph.D. (Electrical Engineering)**
 6. Field of Specialization : **Control & Instrumentation, Wind power, Solar power, Renewable energy.**
7. Experience as Faculty member
 (i) Outside the University : **13 August 2003 to 03 October 2007**
 (ii) (a) In the University : **04.10.2007 to till date**
 (b) On present post : **04.10.2007 to till date**
8. Publications:
 (a) No. of research papers published : **17**
 (b) No. of articles published : **Nil**
 (c) Book/Chapters in books : **01 edited books under progress with publishers IET, U.K.**
 (d) Others
 i. Folder : **Nil**
 ii. News paper coverage : **Nil**
 iii. Abstracts : **01**
9. Details of courses taught:

UG. Level		
S. No.	No. & Title of the course	Credit hours
1.	TEE-212: Principles of Electrical Engineering	4
2.	TEE-150: Circuit theory	4
3.	TEE-240 Instruments & Measurements	3
4.	TEE-340: Electrical Measurements	3
5.	TEE 250: Network analysis & synthesis	3
6.	TEE 300: Control System	4
7.	TEE451: Advanced Control	3
8.	TEE441: Instrumentation Engineering	3
9.	TEE 104: Basic Electrical Engineering	5
10.	TEE 202: Analog Electronics	3
P.G. Level		
S.No.	No. & Title of the course	Credit hours
1.	TEE 614: Advanced control	3

10. No. of Master's students guided (in case of Ph.D. research): Total guided 15 (10 M. Tech. Thesis & 5 MCA Industrial Projects), few are listed below:

S. No.	Name	I.D. No.	Thesis Title	Year of completion
1.	Harpal Singh Sandhu	42637	Conversion of squirrel cage induction motor into permanent magnet generator and its finite element analysis.	2013
2.	Harish Kumar	35059	A novel approach for MPPT of variable speed wind generators	2014
3.	Garima Sharma	45492	Effective grid synchronization of PV and fuel cell hybrid power generating system	2015
4.	Narendra Kumar	45570	Performance evaluation of linear and intelligent non-linear controllers for speed control of BLDC motor	2015


Signature of staff member

17/10
(Alekhanda Ashok)
DEAN
College of Technology
G.B.P.U.A.&T. Pantnagar-263145
Distt. U.S. Nagar (Uttarakhand)

Prof. & Head
Signature of Head of Dept.
(A.K. SWAIN)
Dept. of Electrical Engineering
College of Technology
G.B.P.U.A.&T. Pantnagar-263145
Distt - U.S. Nagar (Uttarakhand)

Signature of Dean PGS
DEAN, P.G.S.
17/10/2020

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(15 copies are required on one page, on one side)

1. Name	:	DR. ASHUTOSH MISHRA	
2. Designation	:	Associate Professor	
3. Date of birth	:	10 August, 1974	
4. Department	:	Aquatic Environment Management	
5. Educational Qualification	:	Ph.D.	
6. Field of Specialization	:	Limnology, FRM, Fish nutrition, Fish seed production	
7. Experience as Faculty member:	:	17 years	
(i) Outside the University	:	Nil	
(ii) (a) In the University	:	From 17-04-2003	
(b) On present post	:	From 30-03-2017	
8. Publications:	:		
(a) No. of Research papers published	:	25	
(b) No. of articles published	:	24	
(c) Books/Chapters in books	:	15	
(d) Other publications (Folders)	:	03	
9. Details of courses taught			
S. No.	Course no.	Course title	Credit hrs.
U.G. Level			
1.	FAC- 121	Elements of Fish Nutrition	3(2+1)
2.	FFH- 122	Meteorology & Geography	3(2+1)
3.	FWE- 101	Work programme	1(0+1)
4.	FFH- 211	Physical & Chemical Oceanography	3(2+1)
5.	FFH- 221	Biological Oceanography	3(2+1)
6.	FAC- 322	Fish Farming Engineering	3(2+1)
7.	FAC- 414	Practical Fish Production	4(0+4)
8.	FAC- 211	Aquaculture Engineering	3(2+1)
9.	FAC- 312	Fish Nutrition and Feed Technology	3 (2+1)
10.	FAC- 421	Aquafarming (Shared course)	20 (0+20)
11.	FEM- 112	Soil and Water Chemistry	3 (2+1)
12.	FEM- 122	Oceanography	3 (2+1)
13.	FEM-221	Aquatic Ecology and Biodiversity	2 (1+1)
14.	FWE- 411	Fisheries Work Experience (Shared course)	20 (0+20)
P.G. Level			
1.	FAC- 611	Advanced Technique in Freshwater Prawn Farming	2(1+1)
2.	FAC- 670	Advances in Fish Nutrition	2(1+1)
3.	FEM- 555	Advanced Aquatic Environment and Biodiversity	3 (2+1)
4.	FEM- 615	Fisheries Oceanography	2 (1+1)
5.	FFH- 631	Integrated Coastal Zone Management	3 (2+1)
10.	No. of Master's students guided (in case of Ph.D. research):		04

Ashutosh Mishra
06.10.2020
Signature of Staff member

My Dewan
06/10/2020
Signature of Head of the department

My Dewan
06.10.2020
Signature of Dean, Fisheries

My Dewan
Signature of Dean PGS
DEAN, P.G.S.
15/10/2020

BRIEF BIO-DATA FOR Ph.D. ACCREDITATION
(15 copies are required on one page, on one side)



1. Name : Vaneeta Devi
 2. Designation : Assistant Professor
 3. Date of birth : 01/05/1979
 4. Department : Civil Engineering Department
 5. Educational Qualification : M.Tech (Structural Engineering),
 PhD (Earthquake Engineering)
 6. Field of Specialization : Structural Engineering, Earthquake Engineering
 7. Experience as Faculty member:
 (i) Outside the University :

Designation	Institute	Period	
		From	To
Structure Engineer	Dinesh Kr.&Co. Civil Engineers & contractors.	01.05.2000	31.07.2001
Lecturer (on tenure basis)	NIT Hamirpur H. P.	14.03.2003	31.12.2003
Research Fellow	CBRI, Roorkee	12.01.2004	30.06.2004
Lecturer	Jaypee University of Information Technology (JUIT) Wagnaghat (H.P)	05.07.2004	31.12.2005
Lecturer	Shri Sai College of Engineering & Technology Badhani Pathankot (Pb).	01.01.2005	30.04.2005
Lecturer	Punjab Engineering College (PEC) Chandigarh).	18.05.2005	26.12.2007

- (ii) (a) In the University : w e f. 27.12.2007 to till date
 (b) On present post : w e f. 27.12.2007 to till date

8. Publications:
 (a) No. of Research papers published : 17
 (b) No. of articles published : 03
 (c) Books/Chapters in books : 01
 (d) Other publications, if any : Nil

9. Details of courses taught:

Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level:		
i.	TCE-439 Earthquake Engineering	3(3-0-0)
ii.	TCE-131 Solid Mechanics	4(3-1-2)
iii.	TCE-100 Engineering Drawing	3(1-0-2*2)
iv.	TCE-113 Engineering Drawing	3(1-0-2*2)
v.	TCE-142 Engineering Mechanics	3(2-0-2)
P.G. Level:		
i.	TCE-600 Seminar	1(3-0-0)
ii.	TCE-621 Limit State Design of Concrete Structures	3(3-0-0)

10. No of Master's students guided (in case of Ph.D. research)

S.No	Name of student	ID No.	Thesis title	Year of Completion
1.	Ms Pooja Sati	44314	Parametric Study Of Cable Suspended Roofs Under Static Loads	June, 2014
2.	Ms Itika Uniyal	44229	Effect Of Elevated Temperature On Properties Of Self Compacted Concrete With Fly Ash Cooling By Quenching	May, 2014
3.	Mr. Aayushman Singh Bisht	52701	Behaviour of Building on Sloping Ground	July, 2019
4.	Mr. Ashish Rauthan	52720	Study of Bracing Systems for RC Frame Structure	July, 2019
5.	Ms. Jaireena	52750	Comparative Study of Conventional Steel Truss Profiles	July, 2019

Vaneeta Devi
 (Vaneeta Devi)
 Signature of staff member

[Signature]
 Signature of Head of the Deptt.

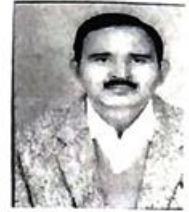
[Signature]
 Signature of Dean College
 DEAN
 College of Technology
 Pantnagar-263145
 Distt. U.S. Nagar (Uttarakhand)

[Signature]
 Signature of Dean PGS
 DEAN, P.G.S.
 17/07/2020

Date 15-10-20
 Pantnagar

BRIEF BIO-DATA FOR PH.D. ACCREDITATION
 (10 copies are required on one page, on one side)

1. Name : Dr. Tej Pratap
 2. Designation : Senior Research Officer
 3. Date of birth : 01.09.1960
 4. Department : Agronomy
 5. Educational Qualification : Ph.D
 6. Field of Specialization : Sugarcane, Hill Agriculture and Weed management
 7. Experience as Faculty member:
 (i) Outside the University : -
 (ii) (a) In the University : -
 (b) On present post : 05.11.1999
 8. Publications: 25.09.2010 to till the date
 (a) No. of Research papers published : 37
 (b) No. of articles published : 51
 (c) Books/Chapters in books : 04
 (d) Other publications, if any : 04
 9. Details of courses taught



Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level		
1.	APA 101 Elementary Agriculture	
2.	NSS 201 National Service Scheme	3
3.	APA 201 Principles of Agronomy	1
4.	APA 312 Weed Management	3
5.	CCF/CFA 315 Rangeland Management	2
6.	APA 317 Irrigation water management	3
7.	APA 318 Rain fed agriculture and Watershed Management	3
8.	APA 320 Principles of organic farming	2
9.	APA 324 Crop production II	3
10.	APA 351 Practical crop production	2
11.	APS 390 Geology and Soil Science	2
12.	APE 390 Rural Agricultural Work Experience	3
13.	APA 410 Weed Management (Elective)	3
14.	APA 411 Principles of Agronomy	3
15.	CFE 390 RAWE Forestry	3
16.	APA 505 Grassland Management	3
P.G. Level		
1.	APA 401 Elements of Crop Production	3
2.	APA 503 Principles & Practices of Weed Management	3
3.	APA 522 Agronomy of Rabi crops	3
4.	APA 606 Advances in weed management	3
5.	APA 600/788/789 Master and Doctoral seminar I and II	2
6.	APA 614 Soil Conservation & Watershed Management	1

10. No. of Master's students guided (in case of Ph.D. research) 03

Name	ID.NO.	Thesis title	Year of completion
Ms. Priyanka Kaddal	44003	Herbicides combination for control of complex weed flora in transplanted rice (<i>Oriza sativa</i> L.)	2014
Mr. Siddhant Kailkhura	45482	Herbicides combination for control of complex weed flora in transplanted rice (<i>Oriza sativa</i> L.)	2015
Mr. Prithviraj Dey	51042	Weed management option in spring sweet corn (<i>Zea mays</i> L. var. <i>saccharata</i>)	2018

Signature of staff member
 [Signature] 15/10/2020

[Signature] 15/10/2020
 Signature of Head of the Deptt.
Agronomy

Signature of Dean College Concerned
 [Signature] 10-2020
 DEAN
 College of Agriculture
 G. B. Pant Univ. of Agri. & Tech.
 Pantnagar-263145 (Uttarakhand)

[Signature]
 Signature of Dean PGS
 DEAN, P.G.S.
 16/10/2020

P.G.S.
 10/2020

BRIEF BIO-DATA FOR PhD ACCREDITATION


1. **Name** : Dr. Anita
2. **Designation** : Assistant Professor
3. **Date of birth** : 31-04-1982
4. **Department** : LPT, CVASc
5. **Educational Qualification** : PhD
6. **Field of Specialization** : Meat Technology
7. **Experience as Faculty member:** 15 years
 - (i) **Outside the University** : w.e.f. to
 - (ii) (a) **In the University** : w.e.f. 13.02.2004 till date
 - (b) **On present post** : w.e.f. 13.02.2004 till date
8. **Publications:**
 - (a) **No. of Research papers published** : 14
 - (b) **No. of review and popular articles published** : 19
 - (c) **Books/Chapters in books** : 1
 - (d) **Lead paper in conference/training** : 6
 - (e) **Other publications, if any** : 2 Laboratory manuals
9. **Details of courses taught:**



Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level:		
i.	VLT -412 Meat and Meat Products Technology	2(1+1)
ii.	VLT-311 Milk and milk Products Technology	2(1+1)
iii.	BPVI-027 Meat Technology Deploma	2 (1+1)
iv.	LPT-312 Abattoir Practices and Animal Products Technology	2 (1+1)
viii	LPT-321 Meat Science	2 (1+1)
ix	LPT-300 Livestock Products Technology	3(2+1)
x	LPT-311 Milk and milk products technology	2 (1+1)
P.G. Level:		
i	LPT-601 Technology of milk products	3(2+1)
ii	LPT-600 Seminar	1
iii	LPT-606 Animal Byproducts Technology	2(1+1)
iv	LPT-613 Fresh Meat Technology	3(2+1)
v	LPT-602 Meat Processing Packaging .Quality Control and Marketing	3(1+1)
vi	LPT-603 Poultry and Fish Products Technology	2(1+1)
vii	LPT-600 Seminar	1
viii	LPT-788 Doctoral Seminar	2(1+1)
ix	LPT-605 Abattoir and Poultry Plant Practices	2(1+1)
x	LPT -606 Slaughter house byproducts technology	2(1+1)
xi	LPT-601 Special problem	2(1+1)
xii	LPT-610 Technology of milk products	3(2+1)
xiii	LPT-608 Market milk processing and dairy plant practices	3(1+1)
xiv	LPT-603 Poultry and Fish Products Technology	2(1+1)
xv	LPT-605 Abattoir and Poultry Plant Practices	2(1+1)
xvi.	LPT-788 Doctoral Seminar	1


Signature of staff member


Signature of Dean College Concerned
Dean, V. A. Sc.


Signature of Head of the Dept
VITAREKHA, India


Signature of Dean, P.G.S.
11/10/2020

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(10 copies are required on one page, on one side)

1. Name : Dr. Shweta Saraswat
2. Designation : Assistant Professor
3. Date of birth : 12/08/1983
4. Department : Environmental Sciences
5. Educational Qualification : Ph. D.
6. Field of Specialization : Bioremediation of Industrial Effluents
7. Experience as Faculty member:
 - (i) Outside the University : Nil
 - (ii) (a) In the University : w.e.f. 23/11/2015 to till date
 - (b) On present post : w.e.f. 23/11/2015 to till date
8. Publications:
 - (a) No. of Research papers published : 12
 - (b) No. of articles published : 01
 - (c) Books/Chapters in books : 04
 - (d) Other publications, if any : Nil




9. Details of courses taught:

Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level:		
i.	BBE 204, Environmental Studies and Disaster Management	3(2-0-1)
P.G. Level:		
i.	BBE 613, Biodiversity: Concept and Management Practices	2(2-0-0)
ii.	BBE 645, Biodegradation and Waste Treatment Designs	2(2-0-0)
iii.	BBE 732, Environmental Waste Utilization	2(2-0-0)

10. No. of Master's students guided (in case of Ph.D. research) :

Name	ID.NO.	Thesis title	Year of completion
1. Anusha B. V.	52717	Comparative study of <i>Ageratum conyzoides</i> dead biomass and its biochar for heavy metal removal from industrial wastewater	2019
2. Sumit Rawat	52669	Assessment of fermentative hydrogen production potential of rice straw and vegetable agro-wastes	2019
3. Prabakarn M.	54236	Assessment of rhizofiltration of lead and cadmium using <i>Chrysopogon zizanioides</i>	2020


Signature of staff member


Signature of Head of the Deptt.

**HEAD
Environmental Sciences**


Signature of Dean College Concerned
Dean, CBSRI


Signature of Dean PGS
DEAN, P.G.S.
14/11/2020

BRIEF BIO-DATA FOR PH.D. ACCREDITATION

1. Name : Dr. Kuldip Chandra Verma
2. Designation : Assistant Professor
3. Date of Birth : 07/12/1976
4. Department : Biochemistry, CBSH
5. Educational Qualification : Ph.D.
6. Field of Specialization : Secondary metabolites, Tissue culture
7. Experience as Faculty member:
 - Outside University : 04/08/2007 to 22/11/2015
 - (a) In the University : 23/11/2015 to cont...
 - (b) On present post : 23/11/2015 to cont...



8. Publication :
 - a. No. of Research papers published: 24
 - b. No. of articles published: 13
 - c. Books/Chapters in books: Nil
 - d. Other publications, if any: 22 publications in symposium and conferences
Citations- 124

9. Details of courses taught: In GBPUAT


Sl. No.	Course No.	Title of Course	Credit Hours
U.G. Level			
(i)	BBC 360	Elementary Biochemistry	4
(ii)	BBC 261	Elementary Plant Biochemistry	4
(iii)	BBC 380	Enzyme Technology	3
(iv)	BBC 361	Fundamentals of Biochemistry	4
(v)	AGP/BBC 218	Fundamentals of Plant Biochemistry & Biotechnology	3
P.G. Level			
(i)	BBC 500	Chemistry of Biomolecules	3
(ii)	BBC 501	General Biochemistry	3
(iii)	BBC 505	Basic Techniques in Biochemistry	1
(iv)	BBC 510	Biochemical Techniques	3
(v)	BBC 530	Enzymology	3
(vi)	BBC 641	Intermediary metabolism II	2
(vii)	BBC 645	Plant Biochemistry	3
(viii)	BBC 765	Current topics in Biochemistry	1

10. No. of Mater's students guided (in case of Ph.D. research) :

Sl. No.	Name	ID. No.	Thesis Title	Year of completion
1.	Amit Singh Rana	52633	Biochemical analysis of Buckwheat (<i>Fagopyrum esculentum</i> Moench) genotypes collected from various geographical regions of Uttarakhand.	2019
2.	Dheeraj Bhatt	52666	Screening and Biological Activities of Various Bioactive Compounds in Finger Millet [<i>Eleusine coracana</i> (L.) Gaertn.] Genotypes.	2019
3.	Nidhi Joshi	53917	Biochemical characterization of <i>Amaranthus</i> (<i>Amaranthus caudatus</i> L.) genotypes from Uttarakhand hills for quality parameters	2020


 Signature of staff member
 Assistant Professor
 Department of Biochemistry
 College of Basic Sciences, Humanities
 PANTNAGAR
 G.B. Pant Univ. of Agriculture & Technology
 UTTARAKHAND
 -263145 Distt. U.S. Nagar, UTTARAKHAND


 Signature of Head of the Deptt.
 HEAD, BIOCHEMISTRY


 Signature of dean College Concerned
 Dean, CBSH


 Signature of Dean, P.G.S.
 DEAN, P.G.S.

BRIEF BIO-DATA FOR MASTER'S ACCREDITATION
(15 copies are required on one page, on one side)


1. Name : Dr. Mohan Lal
2. Designation : Assistant Professor
3. Date of birth : 08-04-1987
4. Department : Irrigation and Drainage Engg.
5. Educational Qualification : Ph.D
6. Field of Specialization : Irrigation and Drainage Engg
7. Experience as Faculty member:
- (i) Outside the University : Nil
- (ii) (a) In the University : w.e.f. 26-11-2015 to till date
- (b) On present post : w.e.f. 26-11-2015 to till date
8. Publications:
- (a) No. of Research papers published : 13
- (b) No. of articles published : 00
- (c) Books/Chapters in books : 01
- (d) Other publications, if any : 03
9. Details of courses taught:

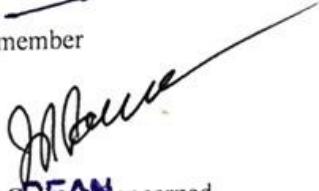


Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level:		
i.	TID-102, Introduction to Environmental Engineering	2(2-0-0)
ii.	TID-109, Introduction to Environmental Engineering and disaster management	3(3-0-0)
iii.	TID- 490(A), Dissertation	2(0-0-6)
iv.	TID- 490(B), Dissertation	4(0-0-12)
v.	TID232 Sprinkler and Micro Irrigation Systems	2(1-0-2)
vi.	TCE240, Fluid Mechanics	3(2-1-2)
vii.	TID-360, Fluid Transport Machinery & Hydraulic control	3(2-0-2)
viii.	TID-351 Agricultural Structure, Environmental Control and Rural Engg.	3(2-0-2)
ix.	TID-431 Engineering of Bio System	3(2-0-2)
x.	TID-361 Fluid Transport Machinery	3(2-0-2)
P.G. Level:		
i.	NIL	

10. No. of Master's student guided (in case of Ph.D.research) : Nil


 Signature of staff member


 Signature of Head of the Deptt.


 Signature of Dean Concerned
DEAN
 College of Technology
 Pantnagar-263145
 Dist. U.S.Nagar (Uttarakhand)


 Signature of Dean PGS
DEAN, P.G.S.
 16/10/2020

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(10 copies are required on one page, on one side)

- i. Name : **Dr. SIMRAN KAUR ARORA**
 ii. Designation : Assistant Professor
 iii. Date of Birth : 15.10.1979
 iv. Department : Food Science and Technology
 v. College : College of Agriculture
 6. Field of Specialization : Dairy Technology
 7. Experience as Faculty member:
 (i) Outside the University : NA
 (ii) (a) In the University :
 (b) On present post : w.e.f. 21. 11.2015
 8. Publications:
 (a) No. of Research papers published : 5
 (b) No. of articles published : 23
 (c) Books/Chapters in books : 1
 9. Details of courses taught:



U.G. Level

S. No.	Course No.	Title of Course	Credit Hours
1.	AFS-311	Element of Food Technology	3(2-0-1x3)
2.	AFS-341	Fundamentals of Milk Processing	3 (2-0-1x3)
3.	AFS-372	Post Harvest Technology of Horticultural Crops	3 (1-0-2x2)
4.	AFS-441	Concentrated & Dehydrated Milk Products	3 (2-0-1x3)
5.	AFS-391	Packaging of Fresh and Processed Foods	2(1-0-1x3)
6.	AFS-482	Food Laws and Quality Assurance	2(2+0)
7.	AFS-312	Principles of Food Science and Nutrition	2(2+0)
8.	AFS-350	Fundamentals of Food Processing	3(2-0-1x3)
9.	APH/AFS/APV389	Post Harvest Mgmt & Value Addition of F & V	2(1+1)

P.G. Level

S.No.	Course No.	Title of Course	Credit Hours
1.	AFS-511	Principles of Food Processing	3 (2-0-1x3)
2.	AFS-541	Technology of Milk & Milk Products	3 (2-0-1x3)
3.	AFS582	Food Analysis & Quality Management	3 (1-0-2x3)
4.	AFS-521	Fundamentals of Food Chemistry	3 (2-0-1x3)
5.	AFS-526	Food Chemistry and Nutrition	3 (3+0)
6.	AFS641	Advanced Food Chemistry	2 (2-0-0)
7.	AFS-781	Advanced Food Analysis	2 (0-0-2)

10. No. of Master's students guided (in case of Ph.D. research) : NA

Simran
 14/10/2020
 Signature of Staff member
 (Simran Kaur Arora)

Signature of Dean College Concerned

College of Agriculture
 G. B. Pant Univ. of Agri. & Tech.
 Pantnagar-263145 (Uttarakhand)

14/10/2020

Signature of Head of the Deptt.
 Prof. & Head

Food Science & Technology
 College of Agriculture
 GB.P.U.A.&T, Pantnagar (UKD)

Signature of Dean PGS

R. Arora
 DEAN, P.G.S.
 16/10/2020

BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION
(10 copies are required on one page, on one side)

1. Name : Dr. Shobhit Gupta
2. Designation : Assistant Professor
3. Date of birth : 04.08.1980
4. Department : Department of Electrical Engineering
5. Educational Qualification : Ph.D.
6. Field of Specialization : Electrical Engineering
7. Experience as Faculty member:
 - (i) Outside the University : N/A
 - (ii) (a) In the University : w.e.f. Dec. 04, 2006 till date
 - (b) On present post : w.e.f. Dec. 04, 2006 till date
8. Publications:
 - (a) No. of Research papers published : 08
 - (b) No. of articles published : Nil
 - (c) Books/Chapters in books : Nil
 - (d) Other publications, if any : Nil
9. Details of courses taught:



Sl.No.	No. & Title of the course	Credit hrs.
U.G. Level:		
1.	TEE-212 Principle of Electrical Engineering	4
2.	TEE-150 Circuit Theory	4
3.	TEE-250 Network Analysis and Synthesis	4
4.	TEC-313 Electrical Engineering	4
5.	TEE-482 Principle of Electrical Machine Design	2

P.G. Level:		
i.		

10. No. of Master's students guided (in case of Ph.D. research) : N/A

Signature of staff member

Signature of Dean College Concerned


Prof. & Head Signature of Head of the Deptt.
 Electrical Engg., Deptt.
 College of Technology
 G.B.P.U.A.&T, Pantnagar-263145
 Distt - U.S.Nagar (Uttarakhand)


 Signature of Dean PGS


 (Alaknanda Ashok)
 DEAN
 College of Technology
 Pantnagar-263145
 Distt. U.S. Nagar (Uttarakhand)


 DEAN, P.G.S.
 26/07/2020

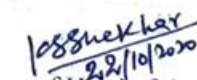
BRIEF BIO-DATA (350 copies are required on one page, on one side)



1.	Name	:	Dr. Kranti Kumar
2.	Designation	:	Assistant Professor
3.	Date of birth	:	18 th July 1978
4.	Department	:	Agronomy
5.	Educational Qualification	:	Ph. D. (Agronomy)
6.	Field of Specialization	:	Medicinal and Aromatic Plants
7.	Experience as Faculty member:		
	(i) Outside the University	:	Nil
	(ii) (a) In the University (b) On present post	:	w.e.f. 17.05 2006 to till date w.e.f. 17.05 2006 to till date
8.	Publications:		
	(a) No. of Research papers published	:	03
	(b) No. of articles published	:	01
	(c) Books/Chapters in books	:	01
	(d) Other publications, if any	:	02
9.	Details of courses taught:		
Sl.No.	No. & Title of the course		Credit hrs.
U.G. Level:			
1	APA-321 Crop production -I		03
2	APA-101 Elementary Agriculture		03
3	APA-317 Irrigation water management		03
4	APA-318 Rainfed Agriculture & watershed management		02
5	APA-351 Rural Agriculture Works Experience		18
6	APA-211 Environmental Science & Agroecology		03
7	APA-312 Weed Management		02
8	APA-351 Practical Crop Production		02
P.G. Level:			
1	APA-531 Medicinal, Aromatic & underutilized crop		3
2	APA-600/788 PG Seminar		1
3	APA-522 Agronomy of Rabi crops		4
10.	No. of Master's students guided (in case of Ph.D. research): Nil		


17/10/2020

Signature of staff member


22/10/2020
Signature of Head of the Deptt.
HEAD
Agronomy


Signature of Dean College Concerned
Dean
College of Agriculture
28/10/2020


Signature of Dean PGS
DEAN, P.G.S.
29/10/2020

Item No. I/2020:4 Timelines for various Academic Activities of Master's & Ph.D. students

The following various academic activities are being taken up by our Master's and Ph.D. students as prerequisite for Thesis submission/completion of degree.

1. Major written examination
2. Minor written examination
3. Pre-Oral
4. Oral (External)
5. Pre-thesis submission seminar
6. Rough Thesis Submission
7. Final Thesis Submission

At present most of these activities are accomplished as per the convenience of all concerned with no defined timelines. Sometimes these are conducted with a mere gap of 01 or 02 days or at very extended period which creates problem in timely action by concerned offices to deliberate for timely completion of proceedings as well as also compels the students to run corner to corner unnecessarily. In order to maintain uniformity throughout the University and to reduce the inconvenience caused to students it is proposed that the following timeline should be followed.

Sl. No.	Name of Activity	Timeline for conduct
1.	Major written examination	After completion of courses and latest by within one month of completion of courses. The report of these examinations shall be submitted within 03 days of examination.
2.	Minor written examination	
3.	Synopsis Presentation & Submission	Within 30 days of start of III rd Semester of degree
4.	Pre-Oral	Within 10 days of submission of Major & Minor Clearance Report
5.	Oral Examination (External)	Between 10-30 days of pre-oral examination
	Report submission of (pre-oral, oral, pre-thesis seminar etc.)	Within 07 days of the conduct of activity
6.	Submission of External Examiners Panel	
	(a) Thesis evaluation & conduct of viva-voce	- By November end of every year for the students submitting thesis in I st Semester of Academic Session - By end of May of every year for the students submitting thesis in II nd Semester of Academic Session
	(b) Oral Preliminary Examination	- Along with the report on pre-oral examination for group of students
7.	Rough thesis submission	Between 8 th -21 st day of pre-thesis submission seminar
8.	Final Viva-Voce Examination	Master's – Within 45 days from dispatch of thesis from Registrar's office Ph.D. – Within 75 days from dispatch of thesis from Registrar's office
9.	Final Thesis submission	Within 15 days of final viva-voce examination

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:5 Presentation on Synopsis before its submission

The Master's and Ph.D. students are required to submit their Problem of Research/Synopsis prepared under the guidance of his/her Advisory Committee as pre-requisite of their degree. This involves selection of research problem, review of literature and submission of the same in the form of Synopsis. In order to enhance the quality of research and formulate relevant research problems to cater the necessity of present as well as future scenario and for timely completion of degree, it is proposed that the student should present his problem of research/synopsis seminar in the presence of Head of the department, advisory committee, faculty members and research scholars of his/her major and minor fields of study. This presentation will provide the student a platform to gather the knowledge and suggestions from the expert faculty members in the research problem proposed and will lead to concretize the quality need based research aligned to the developments in the area which would lead to improved quality research and be beneficial to the career of student.

After successful presentation of synopsis and consensus of Advisory Committee the student will submit the Synopsis through proper channel to Dean, PGS within 07 days of its presentation but not later than the timeline for its submission i.e. within 30 days of start of IIIrd semester of degree.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:6 Sending soft copy of thesis to external examiners for evaluation

Presently due to Covid-19 pandemic, most of the academic activities are being conducted through online mode viz., major/minor examinations, pre-thesis submission seminar, oral, viva-voce etc. Considering the successful completion of various academic activities organized through online platform; time elapsed in postal delivery & expenditure incurred on postal charges and also to harness the expertise from distant places of our country it is proposed that the soft copy of the thesis (.pdf format) be sent to external examiners for evaluation through e-mail. The soft copy of the thesis will be provided by concerned advisor to Dean, PGS for onward transmission to Registrar. The Registrar office will send the soft copy to concerned external examiner.

Further, the concerned examiner will send the digitally signed evaluation report to Registrar through e-mail for further necessary action.

The digitally signed remuneration bill will be sent to concerned advisor by the external examiner through e-mail who will initiate action on the same.

The sending of thesis in soft copy (.pdf format) will allow us to appoint experts from throughout the country having vast experience and knowledge of the field which would not only add the quality suggestions for improvement of thesis work, saving in time of delivery to examiner but will also reduce the expenditure of the University.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:7 Semester-wise submission of Thesis Research Credits report as Satisfactory/Unsatisfactory

Our Master's and Ph.D. students are required to complete 20 and 45 credits, respectively of Thesis Research as partial requirement for completion of their degree. It has been observed that many times, students are registering themselves with '0' credits of Thesis Research beyond the minimum duration prescribed for the degree programme. Sometimes this registration is being done for more than 01 semester particularly in Ph.D. degree programmes. Registering with '0' credits does not seem logical & feasible; and is also not tenable from legal point of view. Apart from this, it also raises a question mark on the working procedure and expertise of faculty members of our esteemed and prestigious University. In order to perform fruitful research within due time, it is proposed that the Thesis Research Credits be considered for evaluation during the semester period of its registration for which the Satisfactory/Unsatisfactory report by the Advisor after consensus of Advisory Committee be submitted alongwith justified reasons for Unsatisfactory grade. If the report of credit(s) is submitted as 'Unsatisfactory', the such credits shall be carried over to the subsequent semester.

As a principle in a semester of submission of thesis, a student should register minimum for 01 credits.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:8 Conduct of written preliminary examination (major/minor), Master's/Doctoral Seminar, pre-oral, oral, pre-thesis submission seminar, viva-voce through online mode

In the present situation arisen due to pandemic of Covid-19, most of the activities which include written examination as well as verbal presentation by Master's & Ph.D. students have been allowed to be conducted through online platforms. These activities are permitted to be conducted through online/offline mode till the last date of thesis submission in IInd Sem., 2019-2020 i.e. February 14, 2021 (Registrar's office-order no.: REG/Dy.R/2020/2913 dated 16-10-2020) . Till date almost more than 100 students have been benefitted by allowing conductance of various academic activities through online platform that too without any major hurdle. Considering non-report of any

major hurdle in the conduct of these activities through online mode, it is proposed that such academic activities should preferably be conducted through online mode as per details below.

Sl. No.	Activity	Action to be taken / Remarks
1.	Written Major/Minor examination (after approval from Registrar's office)	Preferably through online mode under proctorship of concerned Head of the Department
	Pre-oral/oral (internal)	Advisor alongwith members of the Advisory Committee and Ex-officio member through online platform
2.	Oral examination (external) (after approval from Registrar's office)	Under the proctorship of concerned HoD; by advisor alongwith members of the Advisory Committee and external examiner through online platform
3.	Master's & Ph.D. Seminar	Concerned course Instructor alongwith two faculty members as evaluator from the major discipline alongwith students, HoD and faculty members of the department through online platform
4.	Pre-thesis submission seminar	Advisor alongwith members of the Advisory Committee and HoD through online platform
5.	Thesis viva-voce examination (after approval from Registrar's office)	Advisor alongwith members of the Advisory Committee, HoD, external examiner, interested faculty members/students through online platform

The concerned HoD/Advisor will provide the format of "Report on the Oral Preliminary Examination" to concerned external examiner through e-mail.

The HoD/advisor concerned will provide the format for "Report of Viva-Voce Examination" to external examiner through e-mail.

The report of above mentioned activities will be submitted as per the existing procedures whereas the report of oral examination (external) and thesis viva-voce examination conducted through online mode will be submitted by concerned external examiner to Advisor through e-mail who after taking its printout will forward the same (hard copy) with signature of all concerned to Dean, PGS.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:9 Amendment in regulations on Oral Preliminary Examination

Academic Council in its 372nd meeting held on October 30, 2014 under Item No. 2014:372:13 resolved to amend the NOTE at the end of Clause 15 of Chapter-V of Academic Regulations on Post Graduate Studies as below :

"Note : The oral preliminary examination in respect of Ph.D. programmes be held by grouping the candidates in the departments, on a semester basis. Further a panel of 10 examiners with specialization by the Head of the Department along with Advisors for every 5 or less students to take oral preliminary examination be submitted to Dean, PGS through Dean of the College concerned suggesting two dates in a semester at 6 weeks interval on which the oral preliminary examinations be held. The Dean, PGS will finally select the examiners from the list."

Presently the oral preliminary examination of Ph.D. students is being conducted in a group of 05 or less on semester basis. Academic Regulations does not exist for conduct of oral preliminary examination of more than 05 Ph.D. students or more than once in a semester. The proposal for conduct of oral examination (external) and other academic activities has been placed before PG Faculty for approval, if approved, the NOTE at the end of Clause 15 of Chapter-V of Academic Regulations on Post Graduate Studies shall be amended as below :

Note : The oral preliminary examination in respect of Ph.D. programmes be held by grouping the candidates in the departments, on a semester basis. If the number of Ph.D. students appearing for oral preliminary examination is more than 05, then the examination can be held on two dates by grouping the candidates in the department. Further a panel of 10 examiners with specialization by the Head of the Department along with Advisors for every 5 or less students to take oral preliminary examination be submitted to Dean, PGS through Dean of the College concerned suggesting two dates in a semester on which the oral preliminary examinations be held. The Dean, PGS will finally select the examiners from the list.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:10 Printing of page number in Contents, Table of Title etc. of Thesis while its rough submission

Presently students while submitting their rough bound theses are putting numbers by pencil in the thesis being sent to external examiner for evaluation. At the time of final thesis submission, the page numbering through stamping is done. Apart from this the list of contents, list of tables, list of figures etc. does not contains page number. To provide ready reference and ease of external examiner, it is proposed that the page numbers be affixed/printed at the time of rough bound thesis submission alongwith proper number in all indexes i.e. list of tables, list of figures etc.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:11 Mentioning ID No. of student instead of previous degree obtained on the cover page(s) of thesis

As per prevailing guidelines, the students are mentioning their previously obtained degree on the cover page(s) of their thesis. It is proposed that instead of mentioning previous obtained degree, the ID No. of the student should be mentioned below his/her name on the cover page(s).

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:12 Binding of published research papers from thesis in Ph.D. thesis during rough thesis submission

As per the Academic Regulations the doctoral students have to publish atleast one research paper at the time of submission of rough thesis. It is expected by external examiners that the published research papers are annexed in the thesis for evaluation. Thus it is proposed that the research papers published from the Ph.D. thesis shall be annexed in the thesis at the time of rough thesis submission.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020:13 Inviting external examiners from corporate sectors to conduct viva-voce for Master's thesis evaluation

As we all are aware that presently we are inviting examiners (serving/retired) from government institutions only. The relevant Academic Regulations are not clear in this perspective. There is a need to build/strengthen the bonds between Academia & Industry for harnessing the industry related expertise for further strengthening the real time research.

In the light of above, it is proposed that for Master's thesis evaluation and conduct of viva-voce examination, the examiners having expertise in the relevant field of student's research and not below the rank of Senior Manager/General Manager shall also be invited. This step will open many doors for us in strengthening the industry-academia relationship and will also provide platform to our students for getting better job opportunity.

It is, therefore, proposed that in addition to present procedure of external examiner's invitation/appointment for Master's thesis evaluation and conduct of viva-voce examination, the examiners having knowledge and experience of relevant field of student's study and not below the rank of Senior Manager/General Manager can be appointed from corporate sector also.

The P.G. Faculty is requested to consider the above proposal.

Dean, PGS

Item No. I/2020 : 14

Revision in Remedial Courses Package for Master's students of Family Resource Management department having three years degree programme (B.Sc. Home Science)

Acting Head, Human Development and Family Studies has submitted proposal for revision in remedial courses package for PG students who did graduation with three year degree programme (B.Sc. in Home Science). The proposal is as below.

Agenda Item: Approval of revision in package of Remedial Courses for the PG students who did graduation with three year degree programme (in B.Sc. Home Science).

Department of Family Resource Management

EXISTING			PROPOSED		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
HRM-421	Traditional and Contemporary Interior	4(2-0-2)	HRM-495	Event and Décor Management	20
HRM-422	Applied Crafts	4(0-0-4)	HRM-421	Traditional and Contemporary Interiors	4
HRM-423	Furniture and Furniture Arrangement	4(2-0-2)	Total Credits: 24 Credits		
HRM-424	Interior Views and Designs	4(0-0-4)			
HRM-425	Functional Interiors and Space Management for the People with Special Needs	4(2-0-2)			
HRM-426	Management of Floor and Floor Coverings	4(1-0-3)			
HRM-427	Computer Aided Interior Designing	4(0-0-4)			
HRM-428	Interior Design Project Management	3(0-0-3)			
HRM-429	Scale and Perspective Drawing	4(1-0-3)			
HRM-430	Wall and Window Treatments	4(0-0-4)			
HRM-431	Fittings and Fixtures	3(2-0-1)			
HRM-432	Ornamental Plants and Special Effects	4(1-0-3)			
HRM-433	Professional Practices	3(2-0-1)			
HRM/AEC-496	Entrepreneurship	4(2-0-2)			

*** 24 credit hours have to be taken as remedial courses from above courses.**

The P.G. Faculty is requested to consider the above proposal.

Head, Family Resource Management

Item No. I/2020 : 15

Revision in Remedial Courses Package for Master's students of Foods and Nutrition department having three years degree programme (B.Sc. Home Science)

Head, Foods and Nutrition has submitted proposal for revision in remedial courses package for PG students who did graduation with three year degree programme (B.Sc. in Home Science). The proposal is as below.

Proposal for change in Remedial courses for M.Sc. Foods & Nutrition Students

1. For students of B.Sc. (H. Sc.) of three year degree programme and B.Sc. (Food Technology) of three years degree programme

Existing				Proposed			
HFN-441	Human Nutrition	4(4-0-0)	24 credits out of 32 credits to be completed in two semesters	HFN-495	Experiential Learning Programme in Diet and Nutrition Counselling	20(0-0-20)	24 credits
HFN-444	Introduction to Clinical Nutrition	4(3-0-1)		HFN-449	Food Analysis	4(2-0-2)	
HFN-448	Food Hygiene & Sanitation	4(2-0-2)					
HFN-450	Food Preservation	4(2-0-2)					
HFN-454	Food Standards & Quality Control	4(2-0-2)					
HFN-447	Food Chemistry	4(3-0-1)					
HFN-442	Public Health Nutrition	4(3-0-1)					
HFN-449	Food Analysis	4(2-0-2)					

2. For students of B.Sc. (H. Sc.) of Four years degree programme who have studied vocational other than Foods & Nutrition

Existing				Proposed			
HFN-445	Diet therapy and Nutrition Counselling	5	9 Credits	HFN-449	Food Analysis	4	4 credits
HFN-449	Food Analysis	4					

The P.G. Faculty is requested to consider the above proposal.

Head, Foods and Nutrition

Item No. I/2020 : 16

Revision in Remedial Courses Package for Master's students of Clothing and Textiles department having three years degree programme (B.Sc. Home Science)

Head, Clothing and Textiles has submitted proposal for revision in remedial courses package for PG students who did graduation with three year degree programme (B.Sc. in Home Science). The proposal is as below.

Agenda Item: Approval of revision in package of Remedial Courses for the PG students who did graduation with three year degree programme (in B.Sc. Home Science).

Department of Clothing and Textiles					
EXISTING			PROPOSED		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
HCT-406	Retailing and Merchandising- Textiles & Apparel	3(3-0-0)	HCT-495	Designing and Production in Textile and Apparel	20(0-0-20)
HCT-407	Computer Aided Designing -I	4(0-0-4)	HCT-407	Computer Aided Designing -I	4(0-0-4)
HCT-408	Garment Manufacturing - Flat pattern	5(1-0-4)	Total Credits: 24 Credits		
HCT-409	Fashion Illustrations	5(1-0-4)			
HCT-410	Apparel Manufacturing Technology	3(3-0-0)			
HCT-411	Computer Aided Designing -II	5(0-0-5)			
HCT-412	Garment Manufacturing -Draping	5(1-0-4)			
HCT-414	Apparel Industrial Management	3(3-0-0)			
* 24 credit hours have to be taken as remedial courses from above courses.					

The P.G. Faculty is requested to consider the above proposal.

Head, Clothing and Textiles

Agenda No. Reconstitution of compulsory minor package of Department of Entomology

As per letter No.PGS/SA/2724 dated 21.08.2018 following courses have been included in the Compulsory Minor Package of Department of Entomology form Academic Session 2018-19 (Annexure I).

- a. APE 510 Principles of Integrated Pest Management
 - b. APE 612 Biological Controls
 - c. APE 614 Agriculture Zoology
1. Before Academic Session 2018-19, following courses were included in the Minor Package of the Department of Entomology:
 - a. APE 505 Insect Ecology
 - b. APE 506 Insect Pathology
 - c. APE 507 Biological Control of Crop Pests and Weeds
 - d. APE 508 Toxicology of Insecticides
 - e. APE 510 Principles of Integrated Pest Management
 - f. APE 518 Techniques in Plant Protection
 - g. APE 612 Biological Controls
 - h. APE 614 Agriculture Zoology
 2. While constituting the Compulsory Minor Package of Department of Entomology, three courses namely APE 510 Principles of Integrated Pest Management, APE 612 Biological Controls and APE 614 Agriculture Zoology were included in it while other courses were kept optional to complete 8-10 credit.
 3. It is now being felt that two courses of Compulsory Minor Package, namely, APE 612 Biological Controls and APE 614 Agriculture Zoology are not much useful to Ph.D. students of other departments.
 4. APE 612 Biological Controls is designed for Ph.D. students of Department of Entomology and it is not much useful to Ph.D. students of other Departments.
 5. The courses of minor package are mostly taken by Ph.D. students of Plant Pathology and majority of such students come from pure science background. During their Bachelor and Master's programme, they acquire sufficient knowledge of non insect pest in courses of Zoology due to which APE 614 Agriculture Zoology is not suitable for them.
 6. On the other hand, two very important courses of Department of Entomology, APE 507 Biological Control of Crop Pests & Weeds and APE 508 Toxicology of Insecticides, which are very useful for Ph.D. students of Plant Pathology and other departments have been left from the Compulsory Minor Package.
 7. Many students having Ph.D. degree in Plant Pathology go in various Plant Protection jobs such a Plant Protection Advisor, Plant Protection Officer, SMS etc. and they should have the knowledge of both fungicides and insecticides. Due to non-inclusion of APE 508 Toxicology of Insecticides in the Compulsory Minor Package, they fail to acquire adequate knowledge about insecticides and face difficulties in performing their duty.
 8. So far students of other departments have studied APE 507 Biological Control of Crop Pests and Weeds which was included in the minor package of the department of Entomology before 2018-19. In continuation of other students, 13 students of Department

of Plant Pathology have also studied APE 507 Biological Control of Crop Pests and Weeds as the letter of Dean PGS introducing Compulsory Minor Package was not in knowledge of the students and their advisors.

9. So far the Department of Entomology has also not offered APE 612 Biological Controls to any students of Entomology or other departments.
10. The Department of Entomology has received a request form Professor and Head, Department of Plant Pathology for the replacement of APE 612 Biological Control by APE 507 Biological Control of Crop Pests and Weeds as 13 Ph.D. students of Plant Pathology have already studied it (Annexure II).
11. The faculty of Department of Entomology is also of the opinion that APE 507 Biological Control of Crop Pests and Weeds should be in the Compulsory Minor Package of Department of Entomology because APE 612 is very advanced course and framed for the Ph.D. students of the Entomology (Annexure III).
12. The faculty is also of the opinion that APE 508 Toxicology of Insecticides is more useful to Ph.D. Students of other departments doing minor in Entomology as compared to APE 614 Agriculture Zoology and former should replace later in the Compulsory Minor Package (Annexure III).

In view of above mentioned facts, P.G. Faculty is requested to approve following Compulsory Minor Package for the Department of Entomology w.e.f. Academic Session 2018-19:

S. No.	Existing Compulsory Minor Package	Proposed Compulsory Minor Package
1	1. APE 510 Principles of Integrated Pest Management 2. APE 612 Biological Controls 3. APE 614 Agriculture Zoology	1. APE 507 Biological Control of Crop Pests and Weeds 2. APE 508 Toxicology of Insecticides 3. APE 510 Principles of Integrated Pest Management

The P.G. Faculty is requested to consider the above proposal.

Head, Entomology



DEPARTMENT OF ENTOMOLOGY: COLLEGE OF AGRICULTURE

No. CA/Ent/1951
Dated: 23.10.2020

Dean PGS

Through: ~~Dean Agriculture~~

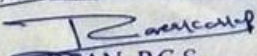
Subject: - Agenda item on Reconstitution of compulsory minor package of Department of Entomology for discussion in PG Faculty Meeting

Please refer to letter No. PGS/SA/2724 dated 21.08.2018 according to which following courses have been included in the Compulsory Minor Package of Department of Entomology form Academic Session 2018-19 (Annexure I).

- a. APE 510 Principles of Integrated Pest Management
 - b. APE 612 Biological controls
 - c. APE 614 Agriculture Zoology
1. Before Academic Session 2018-19, following courses were included in the Minor Package of the Department of Entomology:
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 - d. APE 508 Toxicology of Insecticides
 - e. APE 510 Principles of Integrated Pest Management
 - f. APE 518 Techniques in Plant Protection
 - g. APE 612 Biological Controls
 - h. APE 614 Agriculture Zoology
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4. APE 612 Biological Controls is designed for Ph.D. students of Department of Entomology and it is not much useful to Ph.D. students of other Departments.
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7. Many students having Ph.D. degree in Plant Pathology go in various Plant Protection jobs such as Plant Protection Advisor, Plant Protection Officer, SMS etc. and they should have

H.A. Jt. Coordinator, PGS


DEAN, P.G.S.
26/10/2020

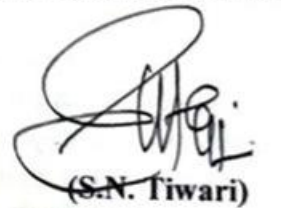


the knowledge of both fungicides and insecticides. Due to non-inclusion of APE 508 Toxicology of Insecticides in the Compulsory Minor Package, they fail to acquire adequate knowledge about insecticides and face difficulties in performing their duty.

8. So far students of other departments have studied APE 507 Biological Control of Crop Pests and Weeds which was included in the minor package of the department of Entomology before 2018-19. In continuation of other students, 13 students of Department of Plant Pathology have also studied APE 507 Biological Control of Crop Pests and Weeds as the letter of Dean PGS introducing Compulsory Minor Package was not in knowledge of the students and their advisors.
9. So far the Department of Entomology has also not offered APE 612 Biological Control to any students of Entomology or other departments.
10. The Department of Entomology has received a request from Professor and Head, Department of Plant Pathology for the replacement of APE 612 Biological Control by APE 507 Biological Control of Crop Pests and Weeds as 13 Ph.D. students of Plant Pathology have already studied it (Annexure II).
11. The faculty of Department of Entomology is also of the opinion that APE 507 Biological Control of Crop Pest and Weeds should be in the Compulsory Minor Package of Department of Entomology because APE 612 is very advanced course and framed for the Ph.D. students of the Entomology (Annexure III).
12. The faculty is also of the opinion that APE 508 Toxicology of Insecticides is more useful to Ph.D. Students of other departments doing minor in Entomology as compared to APE 614 Agriculture Zoology and former should replace later in the Compulsory Minor Package (Annexure III).


In view of above mentioned facts, it is, therefore, requested that this matter may kindly be considered in the meeting of PG Faculty so that it can be sent further to Academic Council for further necessary action.

The Agenda is enclosed for the consideration of PG Faculty.

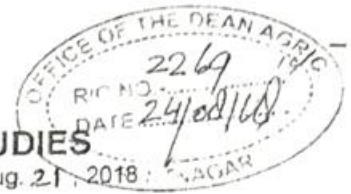


(S.N. Tiwari)

Head Entomology
HEAD
Entomology

Forwarded

Dean
College of Agriculture
26/16/2020

Annexure I



OFFICE OF THE DEAN : POST GRADUATE STUDIES

No.: PGS/SA/2724

Dated : Aug. 21, 2018

All Deans of the Colleges

I reproduce below the relevant extract from the minutes of 385th meeting of the Academic Council held on August 02, 2018 for your information and necessary action please.

Item No. 2018:385:05 Compulsory Courses for Minor Package of Ph.D. programme

"The Council resolved to approve the recommendations/resolution of the P.G. Faculty as per the agenda item circulated on the matter and that the compulsory course package of minor for Ph.D. programmes should consist of 05 or 05+01 credits and rest credits (05 or 04) could be selected by student as per his/her choice from the minor field of study. The package of compulsory courses for thus approved minors be implemented from Academic Session 2018-19. Furthermore, approved that under the minor course package of Fisheries Resource Management, the course codes mentioned as FFB-711 and FFB-725 be corrected to FRM-711 and FRM-725 respectively".

As per resolution of Academic Council, following shall be the compulsory courses for minor package of Ph.D. programme.

Minor	Course No. & Title	T. Credits
Agribusiness Management	MAM-721 Agribusiness & Rural Marketing [3(2-1-1)]	05
	MAM-761 Agribusiness & Rural Finance [2(1-1-1)]	
Agricultural Economics	AEC-500 Micro Economic Theory & Applications [3(3-2-0)]	05
	AEC-640 Agricultural Production Economics [2(1-1-1)]	
Agricultural Extension and Communication	BHS/AAC-702 Foundations of Psychology [3(3-0-0)]	05
	BHS/AAC-661 Dynamics of Social Change [2(2-0-0)]	
Agrometeorology	AAM-503 Micrometeorology [3(2-0-1)]	06
	AAM-510 General Meteorology [3(3-1-0)]	
Agronomy	APA-616 Current Trends in Agronomy [3(3-0-0)]	06
	APA-704 Mineral Nutrition of Crop Plants [3(2-0-1)]	
Entomology	APE-510 Principles of Integrated Pest Management [2(1-0-1)]	06
	APE-612 Biological Controls [2(1-0-1)]	
	APE-614 Agricultural Zoology [2(1-0-1)]	
Food Technology	AFS-511 Principles of Food Processing [3(2-0-1)]	06
	AFS-525 Food Chemistry & Nutrition [3(3-0-0)]	
Genetics and Plant Breeding	AGP-540 Cell Biology, Molecular Genetics & Gene Regulation [3(3-0-0)]	06
	AGP-560 Advanced Plant Breeding [3(3-0-0)]	
Seed Science and Technology (Multi-disciplinary prog.)	AST-701 Hybrid Seed Production [2(1-0-1)]	05
	AST-704 Seed Laws & DUS Testing for Plant Variety Protection [3(2-0-1)]	
Horticulture	APH-541 Tropical & Dry Land Fruit Production [3(2-0-1)]	06
	APH-542 Subtropical & Temperate Fruit Production [3(2-0-1)]	
Horticulture (Floriculture and Landscaping)	APH-552 Production Technology of Cut Flowers [3(2-0-1)]	06
	APH-553 Production Technology of Loose Flowers [3(2-0-1)]	
Plant Pathology	APP-604 Principles of Plant Pathology [3(3-0-0)]	06
	APP-606 Principles of Plant Disease Management [3(2-0-1)]	
Soil Science	APS-500 Soil Physics [3(2-0-1)]	05
	APS-515 Analytical Techniques & Instrumental Methods in Soil & Plant Analysis [2(0-0-2)]	
	or	
	APS-516 Soil Fertility & Fertilizer Use [4(3-0-1)]	or
	APS-515 Analytical Techniques & Instrumental Methods in Soil & Plant Analysis [2(0-0-2)]	06
Horticulture (Vegetable Science)	APV-504 Breeding of Cross-Pollinated Vegetable Crops [3(2-0-1)]	06
	APV-531 Production Technology of Cool Season Vegetable Crops [3(2-0-1)]	

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Minor	Course No. & Title	T. Credits
Clothing and Textiles	HCT-528 Fibre Science [3(3-0-0)]	06
	HCT-531 Textile Quality Analysis [3(2-0-1)]	
Family Resource Management	HRM-761 Occupational Ergonomics [2(1-0-1)]	05
	HRM-765 Globalization & Consumer Economics [3(2-0-1)]	
Human Nutrition	HFN-551 Advanced Nutrition [3(3-0-0)]	06
	HFN-552 Advances in Community Nutrition [3(1-0-2)]	
Human Development and Family Studies	HHD-511 Advances in Life Span Development [3(2-0-1)]	05
	HHD-518 Appraisal of Child & Family Welfare Institutions [2(1-0-1)]	
Animal Genetics & Breeding	AGB-603 Population & Quantitative Genetics in Animal Breeding [3(2-0-1)]	06
	AGB-607 Cattle & Buffalo Breeding [3(2-0-1)]	
Animal Nutrition	ANN-701 Modern Concepts of Feeding Ruminants & Forage Utilization [3(3-0-0)]	05
	ANN-702 Modern Concepts of Feeding Simple Stomached Animals [2(2-0-0)]	
Livestock Production and Management	LPM-602 Sheep & Goat Production & Management [3(2-0-1)]	06
	LPM-614 Cattle & Buffalo Production & Management [3(2-0-1)]	
Poultry Science	LPM-633 Commercial Layer Production [3(2-0-1)]	06
	LPM-634 Commercial Broiler Production [3(2-0-1)]	
Livestock Products Technology	LPT-602 Meat Processing, Packaging, Quality Control & Marketing [3(2-0-1)]	06
	LPT-608 Market Milk Processing & Dairy Plant Practices [3(2-0-1)]	
Veterinary Anatomy	VAN-607 Systemic Histology & Ultrastructure [4(3-0-1)]	06
	VAN-709 Functional Veterinary Anatomy [2(2-0-0)]	
Veterinary Gynaecology and Obstetrics	VGO-612 Female Infertility [4(3-0-1)]	06
	VGO-617 Clinical Practice-I [1(0-0-1)]	
	VGO-618 Clinical Practice-II [1(0-0-1)]	
Veterinary Medicine	VMD-718 Advances in Veterinary Therapeutics [2(1-0-1)]	05
	VMD-768 Advances in Veterinary Diagnostics [3(1-0-2)]	
Veterinary Microbiology and Immunology*	VMC-604 General Virology [3(2-0-1)]	07
	VMC-610 Bacteriology-I [4(3-0-1)]	
Veterinary Pathology	VPP-701 Pathology of Nutritional & Metabolic Disturbances [3(2-0-1)]	05
	VPP-706 Pathology of Important & Emerging Diseases of Pets & Livestock [2(1-0-1)]	
Veterinary Parasitology	VPA-605 Parasitological Techniques [2(0-0-2)]	05
	VPA-608 Immunoparasitology [3(2-0-1)]	
Veterinary Pharmacology and Toxicology	VPT-602 Autonomic & Autacoid Pharmacology [3(2-0-1)]	06
	VPT-607 Chemotherapy [3(2-0-1)]	
Veterinary Physiology	VPY-706 Avian Physiology [3(2-0-1)]	06
	VPY-710 Advances in Immunophysiology [3(2-0-1)]	
Veterinary Biochemistry	VBC-602 Techniques in Biochemistry [2(0-0-2)]	05
	VBC-610 Clinical Biochemistry of Animals [3(2-0-1)]	
Veterinary Public Health and Epidemiology	VPE-702 Emerging & Reemerging Zoonoses [3(2-0-1)]	05
	VPE-710 Trends in Environmental & Disaster Epidemiology [2(2-0-0)]	
Surgery & Radiology	VSR-605 Large Animal Anaesthesia [2(1-0-1)]	06
	VSR-606 Diagnostic Imaging Techniques [2(1-0-1)]	
	VSR-611 Experimental Surgical Techniques in Animals [2(1-0-1)]	
Biochemistry	BBC-501 General Biochemistry [3(3-0-0)]	06
	BBC-505 Basic Techniques in Biochemistry [1(0-0-1)]	
	BBC-655 Carbon & Nitrogen Metabolism [2(2-0-0)]	
Botany	BBB-525 Angiosperms : Diversity & Resource Utilization [3(2-0-1)]	05
	BBB-535 Plant Ecology [2(2-0-0)]	
Agricultural Chemicals	BPC-607 Synthetic Agrochemical for Fungi & Nematode Management [3(2-0-1)]	06
	BPC-608 Synthetic Agrochemical for Weed Management [3(2-0-1)]	

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PGS
21/8/18

Minor	Course No. & Title	T. Credits
Chemistry	BPC-531 Organic Chemistry [3(3-0-0)] BPC-623 Inorganic Chemistry [2(2-0-0)]	05
Environmental Science	BBE-612 Ecosystem Analysis [3(2-0-1)] BBE-621 Environmental Pollution [2(2-0-0)]	05
Mathematics	BPM-602 Special Functions & Integral Equations [2(2-1-0)] BPM-732 Integral Transforms & Z-Transforms [3(3-2-0)]	05
Statistics / Agricultural Statistics	BPS-662 Advanced Experimental Designs [3(2-0-1×3)] BPS-671 Theory of sampling [3(2-0-1×3)]	06
Computer Science	BPM-621 Numerical Techniques for Computers [3(3-2-0)] BPM-642 Structured Programming Languages [3(2-1-1×2)]	06
Microbiology	BBM-725 Microbial Diversity & Taxonomy [3(3-0-0)] BBM-730 Advanced Microbial Physiology [2(2-0-0)]	05
Molecular Biology and Biotechnology	BMB-520 Fundamentals of Molecular Biology [3(3-0-0)] BMB-610 Principles in Genetic Engineering [3(3-0-0)]	06
Physics	BPP-620 Introduction of Quantum Mechanics [2(2-1-0)] BPP-652 Elements of Statistical Mechanics [2(2-1-0)] BPP-653 Solid State Physics & Material Science [2(2-1-0)]	06
Plant Physiology	BPY-602 Principles of Plant Physiology [4(3-0-1)] BPY-705 Climate Change & Crop Growth [2(2-0-0)]	06
Civil Engineering	TEC-632 Numerical Methods in Civil Engineering [2(2-1-0)] TEC-606 Experimental Stress Analysis [3(2-0-1)]	05
Information Technology	TIT-618 Web Technologies [2(1-0-1)] TIT-620 Information Storage & Management [2(2-0-0)]	04
Electrical Engineering	TEE-606 Microprocessors & its Application in Electric Energy Systems [3(3-0-0)] TEE/TEC-611 Modern Control Theory [2(2-1-0)]	05
Electronics and Communication Engineering	TEC-621 Transistor Circuit Analysis & Design [2(2-0-0)] TEC-630 Antenna Engineering [2(2-0-0)] TEC-670 Communication Theory [2(2-0-0)]	06
Farm Machinery and Power Engineering	TMP-522 Design of Farm Power & Machinery System [3(2-1-1)] TMP-723 Energy Conservation & Management in Farm Power Machinery [2(2-1-0)]	05
Irrigation and Drainage Engineering	TID-531 Agricultural Drainage Systems [3(2-0-1)] TID-561 Ground Water Engineering [3(2-0-1)]	06
Mechanical Engineering	TME-502 Advanced Heat Transfer I [2(2-1-0)] TME-503 Advanced Heat Transfer II [2(2-1-0)] Above package or below package TME-652 Stress Analysis [2(2-1-0)] TME-632 Computer Aided Mechanical Design [3(3-1-0)]	04 or 05
Process and Food Engineering	TPF-643 Advanced Food Process Engineering [3(2-0-1)] TPF-645 Food Processing Equipment & Plant Design [3(2-0-1)]	06
Production Engineering	TIP-663 Advanced Foundry Technology [3(2-0-1)] TIP-666 Advanced Welding Technology [3(2-0-1)]	06
Soil and Water Conservation Engineering	TSW-531 Watershed Hydrology [3(2-0-1)] TSW-551 Sediment Transport [3(2-0-1)]	06
Aquaculture	FAC-711 Advances in Aquaculture Production System [3(2-0-1)] FAC-721 Aquaculture & Ecosystem Management [3(2-0-1)]	06
Fisheries Resource Management	FRM-711 Assessment of Aquatic Biodiversity [2(1-0-1)] FRM-725 Management of Inland Fishery Resources [3(2-0-1)]	05

*Head, Vety. Microbiology has intimated that there is no appropriate course combination which fulfils the requirement of 05 or 05+01 credits requirement.

J.P. Pandey
(J.P. Pandey)
Dean, PGS
21/8/18

- Copy to :
1. P.A. to Dean, PGS
 2. A.O. / H.A.-I / H.A.-II / S.A.-II, P.G.S. Office
 3. Registrar

- All MOBS.
- A.OCS

[Signature]
Agricultural
24/8/18

DEPARTMENT OF PLANT PATHOLOGY
COLLEGE OF AGRICULTURE

No.CA/PLP/203
Dated: 19 / 08 / 2020

Head
Department of Entomology

This is to bring to your notice that APE 612-Biological Control is approved by 385th meeting of the Academic Council of the University vide letter no. PGS/SA/2724 dated August 21, 2018 (Copy enclosed) in compulsory minor package of department of Entomology.

However, Ph.D. students of our department are studying APE 507 Biological Control of Crop Pests and Weeds. The course APE 612 is an advance course formulated for Ph.D. students of Department of Entomology and it is not useful to Ph.D. students of Department of Plant Pathology.

It is therefore requested that APE 612-Biological Control may kindly be replaced by APE 507, Biological Control of Crop Pests and Weeds which is already been studied by the students of the Department of Plant Pathology.

Encl.: List of students


19/08/20
(Pradeep Kumar)
Professor & Head

DEPARTMENT OF PLANT PATHOLOGY: COLLEGE OF AGRICULTURE

List of students offered the Course No. APE507 Biological Control of Crop Pests and Weeds (2 Cr.)

Sl. No.	Name of Students	I.D. No.	Batch
1	Ms. Kumari Surbhi	43669	I, 2018-19
2	Ms. Bhagyashree Bhatt	43693	I, 2018-19
3	Ms. Sneha Shikha	54149	I, 2018-19
4	Mr. Prince Kumar Gupta	54157	I, 2018-19
5	Ms. B.K. Namriboi	54163	I, 2018-19
6	Mr. B C Kabdwal	44183	II, 2018-19
7	Ms. Deepshikha Kunwar	44394	I, 2019-20
8	Ms. Himani Jeena	49359	I, 2019-20
9	Ms. Manpreet Kaur	49615	I, 2019-20
10	Mr. Saurabh Dubey	55479	I, 2019-20
11	Mr. Marjit Chandam	55517	I, 2019-20
12	Mr. Banothu Chandrashekar	55515	I, 2019-20
13	Mr. Ranveer Kumar	55457	I, 2019-20

Department of Entomology : College of Agriculture

No.CA/Ent/1953

Dated: 23.10.20

Proceeding of the meeting of faculty of Department of Entomology held at 12:00 noon on 15th October 2020

An online meeting was held to discuss various issues emerged in the meeting of Heads of Department on 14.10.20. Following faculty members attended the meeting:

1. Dr. S. N. Tiwari, Professor & Head
2. Dr. R. P. Srivastava, Professor
3. Dr. M. S. Khan, Professor
4. Dr. R. M. Srivastava, Professor
5. Dr. Poonam Srivastava, Associate Professor
6. Dr. Meena Agnihotri, Associate Professor
7. Dr. J. P. Purwar, Associate Professor
8. Dr. Ravi Prakash Maurya, Assistant Professor
9. Dr. Renu Pandey, Assistant Professor

At the outset, Dr. S. N. Tiwari, Head, Department of Entomology welcomed all the members present in the meeting. Various agenda items were discussed in detail and following decisions were taken after thorough deliberation:

1. The Head Entomology informed that for the skill development of SC and other students, two online trainings of six days each have to be organized for UG and PG/Ph.D. students by 15th November, 2020. The training will be sponsored by ICAR, for which Rs.75000/ have been sanctioned for each department. It was decided that trainings will focus on various competitive examinations such as JRF,SRF, Entrance Examinations for M.Sc. and Ph.D. and ARS etc.

(Action: Dr. R. M. Srivastava)

2. Head informed that one month internship programme is proposed to be implemented in College of Agriculture in which UG/PG/Ph.D. students of the college may be associated with different projects at the stipend of Rs. 5000 per month. All the faculty members were requested to submit a proposal for utilizing this internship.

(Action: All faculty members)

3. Head, Entomology informed that Department of Entomology has generated Rs.1.08 lakhs through Online Certificate Courses viz., Apiculture, Sericulture and Bio Control. The fund will be utilized for renovation work in the Department.

(Action: Dr. J. P. Purwar)

4. Head Entomology reviewed the progress of UG Laboratory Manuals being prepared by Department of Entomology. Concerned faculty members informed that all manuals have been submitted to the Dean Agriculture. The faculty members were requested to return the proof after correction.

(Action: Concerned faculty members)

5. Head Entomology also informed that Dean Agriculture is seriously concerned about the punctuality of classes as per the scheduled timetable. All the faculty members informed that courses are being taught regularly as per schedule.

(Action: All faculty members)

6. Head Entomology discussed various information sought by different authorities on different matters. He suggested that following faculty members will prepare and compile document as per details given below:

- a. Pursuance of Academic issues – Dr. Poonam Srivastava
- b. Pursuance of Renovation work – Dr. J. P. Purwar
- c. Compilation and Preparation of various Report – Dr. Renu Pandey

7. Head Entomology advised all faculty members to update their student's profile and complete the formation of Advisory Committee, Submission of Course Program and other student's related documents.

(Action: All faculty members)

8. The faculty members also discussed the Compulsory Minor Package of the Department of Entomology and it was felt that a revision is required in the minor package to make it more effective. It was decided that APE 612 Biological Control should be replaced by APE 507 Biological Control of Crop Pests and Weeds and APE 614 Agriculture Zoology should be replaced by APE 508 Toxicology of Insecticides. A proposal for this will be sent to Dean Agriculture/Dean PGS for necessary action.

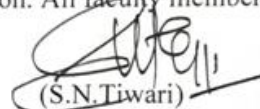
(Action: Dr. Poonam Srivastava)

9. All the faculty members felt that there is an urgent need to review course programme of MSc. and Ph.D. students so that it could become more effective and fulfill the requirement of industry and institutions. It was decided to discuss it in separate meeting.

(Action: All faculty members)

10. The Head informed the PG and Ph.D. students have been called by the university to pursue their research work. Proper care and sanitation should be followed to make their workplace safe. They should be instructed to enter in the department only after hand sensitization and wearing a face mask. They should also compulsory download Arogya Setu App on their mobile phone.

(Action: All faculty members)


(S.N. Tiwari)

Item No. I/2020 : 18

Revision in Remedial Courses Package for Master's students of Human Development and Family Studies department having three years degree programme (B.Sc. Home Science)

Acting Head, Human Development and Family Studies has submitted proposal for revision in remedial courses package for PG students who did graduation with three year degree programme (B.Sc. in Home Science). The proposal is as below.

Agenda Item: Approval of revision in package of Remedial Courses for the PG students who did graduation with three year degree programme (in B.Sc. Home Science).

DEPARTMENT OF HUMAN DEVELOPMENT & FAMILY STUDIES

EXISTING			PROPOSED		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
HHD461	Curriculum for Young children	3(3-0-0)	HHD-495	Hands on Training in Management of early Childhood care and Education Centers	20
HHD462	Family and Child Welfare	3(3-0-0)	HHD-465	Children with special Needs	05
HHD463	Methods and Material for Teaching Young Children-I	4(3-0-1)	Total Credits: 25 Credits		
HHD464	Methods and Material for Teaching Young Children-II	2(1-0-1)			
HHD465	Child Psychology	5 (4-0-1)			
HHD467	Early Childhood Education and Management	4(3-0-1)			
HHD468	Developmental assessment of Young Children	4(3-0-1)			
HHD470	Children with special Needs	5(3-0-2)			
HI.D471	Guiding young children Growth, bhaviour and Development	2(2-0-0)			

* 24 credit hours have to be taken as remedial courses from above courses.

CHS/ 4250
Date. 27/10/2020

The proposal is submitted for discussion in PG faculty and forwarding to AC for approval please.

- Jt. Coordinator, PGS
- HA

Ranjana
DEAN, PGS
29/10/2020

forwarded
HP
Dean, HSE
27/10/2020

Ragini Mishra
26/10/2020
(Ragini Mishra)
Assistant Professor
Actg. O/c. H.D.F.S

The P.G. Faculty is requested to consider the above proposal.

Head, Human Development & Family Studies

Item No. I/2020 : 19

Any other item with the permission of Chair