

**OFFICE OF THE DEAN : COLLEGE OF POST GRADUATE STUDIES**

No. : PGS/PA/ 1389

Dated: Oct. 24, 2016

**NOTICE**

**All Members of the P.G. Faculty**


Dear Sir/Madam,

The 1/2016 meeting of the P.G. faculty will be **held on 03.11.2016 at 4:00 P.M. in the Conference Hall of College of Agriculture**. You are requested to kindly make it convenient to attend the meeting.

The following shall be the agenda:

<b>Item No. 1.</b>	Confirmation of the minutes of 1/2015 meeting held on 2.12.2015 (minutes have already been circulated) which may kindly be brought with you.
<b>Item No. 2.</b>	Review of action taken (1/2015 meeting).
<b>Item No. 3.</b>	Accreditation of P.G. Faculty members for Post Graduate Research.
<b>Item No. 4.</b>	Admission policy for the Academic year 2017-18.
<b>Item No.5</b>	Admission Policy for MBA Programmes of the CABM for the Academic year 2017-18
<b>Item No. 6.</b>	Replacement of basic supporting course (Mathematical Statistics, BPS-672) by data analysis and forecasting, BPS-681.
<b>Item No. 7.</b>	Change of Nomenclature of M.F.Sc. degree and Course code of M.F.Sc. and Ph.D. degree programme of Department of Fisheries Resource Management. College of Fisheries.
<b>Item No. 8.</b>	Change of course code of M.F.Sc. degree programme of Department of Aquatic Environment Management, College of Fisheries.
<b>Item No. 9.</b>	Any other item with the permission of Chair

The detailed agenda is placed in the University website [www.gbpuat.ac.in](http://www.gbpuat.ac.in).

  
(Anil Kumar) 24/10/2016  
Secretary, P.G. Faculty

**Copy to:**

1. All Deans
2. Registrar
3. Coordinator Admission
4. Director Research/Extension/Communication
5. Head, Agricultural Communication with the request to please arrange P.A. system during the meeting.
6. O.S.D. to Vice-Chancellor for kind information for the Vice-Chancellor.

**Item No. 1 Confirmation of the minutes of I/2015 meeting held on 2.12.2015.**

No comment/ modification in the minutes of II/2014 meeting held on 24.12.2014 has been received, therefore the minutes as circulated were confirmed.

**Item No.2 Review of action taken (I/2015 P.G. faculty meeting held on 2.12.2015)**

Item No. I/2015:3	<b>Accreditation of P.G. faculty for Post Graduate Research.</b> The proposal for accreditation of <b>thirteen</b> faculty members for Ph.D. research and <b>four</b> for Master's research was approved by the academic council and implemented.
Item No. I/2015:4	<b>Admission policy for the year 2016-17.</b> Admission policy for the year 2016-17 has been approved by the Academic Council and implemented.
Item No. I/2015:5	<b>Admission Policy for MBA Programmes of the CABM for the Academic year 2016-17</b> Admission Policy for the year 2016-17 has been approved by the Academic Council and implemented
Item No. I/2015:6	<b>Admission through Common Admission Test for MBA programmes for the academic year 2017-18</b> The above proposal regarding the admission procedure was approved by the Academic Council.
Item No. I/2015:7	<b>Proposal for revision in the rate of compensation of visiting faculty in CABM</b> The proposal was resolved by the Academic Council to recommend the proposed rates for approval of Board of Management.
Item No. I/2015:8	<b>Proposal for plagiarism check and issues related thereof from the Academic year 2016-17</b> The proposal has been approved by the Academic Council and implemented.
Item No. I/2015:9	<b>Proposal for a new Course-Intellectual Property Rights (AGP-575) in the Department of Genetics and Plant Breeding. College of Agriculture.</b> The proposal was approved by the Academic Council with the modification that the course be optional for both Master's & Ph.D. students and be in 600 series the course No. has been changed as AGP-615.
Item No. I/2015:10	<b>Proposal for change the degree nomenclature of M. Tech. (Agricultural Engineering) Food Biotechnology Engineering to Food &amp; Bio Process Engineering.</b> The proposal was approved by the Academic Council.
Item No. I/2015:11	<b>Proposal for pre synopsis-seminar &amp; Meeting with Dean, PGS.</b> As discussed in the faculty presentation of synopsis before the advisory committee will suffice the purpose as is being followed.
Item No. I/2015:12	<b>Replacement of Basic Supporting course entitled "Remote Sensing and GIS Techniques for soil and crop studies (APS-705)" of M.Sc. Ag. Agroforestry programme by another course entitled "Principles of Remote Sensing (AAM-500)</b> The proposal was approved by the Academic Council.

Item No. I/2015: 13(1)	<p><b>Restructuring of Course Curriculum of M.V.Sc. Degree programme with major in Veterinary Public Health &amp; Epidemiology.</b> The proposal was approved by the Academic Council.</p>
Any other Item No. I/2015:13(2)	<p><b>Substitution of course BPC-753 "Research Methodology in Chemistry" 3(1-0-2) with course BPC-732 "Chemistry of Bioactive Natural Products" 2(2-0-0) in the core course programme of Ph.D. Chemistry.</b> The proposal was approved by the Academic Council.</p>
Any other Item No. I/2015:13 (3)	<p><b>Allocation of seats in PG degree programme in CAFT implementing departments in Agronomy &amp; Plant Pathology.</b> The Academic Council resolved that a committee comprising Dean, Agriculture, Comptroller of HODs of both the CAFT implementing departments further examine /discuss the recommendation of P.G. Faculty in the light of G.O. etc. and put up its recommendation in the next meeting of Academic Council. Action was to be taken by Dean, Agriculture</p>
Any other Item No. I/2015:13(4)	<p><b>Admission Policy for Post Graduate programme in Technology discipline.</b> The Academic Council approved the admissions to M.Tech Agricultural Engineering programmes for the year 2017-18 and onwards be made on the basis of merit in the entrance examination conducted by the University. Meanwhile, necessary approval/orders from Uttarakhand Govt. would be obtained by Dean, College of Technology so as to enforce the decision by Academic Year 2017-18.</p>

### Item No. 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 10.09.2016 at 11:30 A.M.

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

Sl. No.	Name & Designation of the Faculty Member	Department where working	Level of Accreditation applied for
1.	Dr. Pramod Chandra Tewari, Asstt Prof.	Mechanical Engineering	Master's Research
2.	Dr. Chandra Dev, Asstt. Prof.	Agriculture Economics	Master's Research
3.	Dr. Sachin Kumar, Asstt. Prof.	PHPFE	Master's Research
4.	Dr. B.K. Khanduri, Asstt. Prof.	Social Science & Humanities	Master's Research
5.	Dr. Seema Agarwal, Asstt. Prof.	Veterinary Pathology	Ph.D. Research
6.	Er. Khan Chand, Asstt. Prof.	PHPFE	Ph.D. Research
7.	Dr. V.C. Dhyani, Asstt. Prof.	Agronomy	Ph.D. Research
8.	Dr. Munish Batra, Asstt. Prof.	Veterinary Pathology	Ph.D. Research
9.	Dr. Abhishek Tomar, Asstt. Prof.	Electronics & Communication Engg.	Ph.D. Research

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

Dean, PGS

MINUTES OF THE ACCREDITATION COMMITTEE MEETING HELD ON 10.9.2016 at 11.30 a.m.


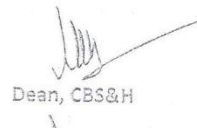

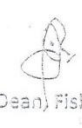



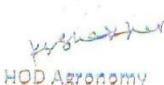


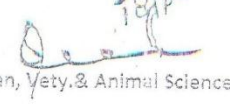

The meeting of the Accreditation Committee was held in the office of the Dean, P.G.S. on 10.09.2016 at 11.30 a.m. The following attended the meeting:

1. Deans of College Agriculture
2. Dean, Vety. & Animal Sciences
3. Dean, CBS&H
4. Dean, Technology
5. Dean, Fisheries
6. Head, Dept. Mechanical Engg.
7. Head, Dept. Of Agricultural Economic, College of Agriculture
8. Head, Dept. Of PHPFE, College of Technology
9. Head, Dept. Of Agronomy, College of Agriculture
10. Registrar

1209  
20/9/16

The committee examined the applications of the following faculty members for their accreditation for P.G. research and recommended the following to guide Ph.D./Master/s thesis research as mentioned against their names.

Sl. No.	Name & Designation of Faculty Member	Dept. Where working	Level of accreditation applied for
1.	Dr. Promod Chandra Tewari Assistant Professor	Dept. Of Mechanical Engg., College of Technology	Master's Research
2.	Dr. Chandra Dev Assistant Professor	Dept. Of Agricultural Economic, College of Agriculture	Master's Research
3.	Dr. Sachin Kumar Assistant Professor	Dept. Of PHPFE College of Technology	Master's Research
4.	Dr. B.K. Khanduri Assistant Professor	Dept. Of Social Science & Humanities, CBS&H	Master's Research
5.	Dr. Seema Agarwal Assistant Professor	Dept. Of Vety Pathology, C.V.A.Sc.	Ph.D. Research
6.	Er. Khand Chand JRO	Dept. Of PHPFE College of Technology	Ph.D. Research
7.	Dr. V.C. Dhyani Assistant Professor	Dept. Of Agronomy, College of Agriculture	Ph.D. Research
8.	Dr. Munish Batra Assistant Prof.	Dept. of Vety. Pathology College of Vety. & Animal Sciences	Ph.D. Research
9.	Abhishek Tomar Assistant Professor	Dept. Electronics & Comm. Engg.	Ph.D. Research

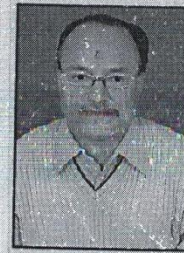
 Dean, Agriculture     
  Dean, CBS&H     
  Dean, Technology     
  Dean, Fisheries  
 HOD Mechanical Engg.     
  HOD, Agri. Economics     
  HOD PHPFE     
  HOD Agronomy  
 D.S.W.     
  Registrar  
 Dean, Vety. & Animal Science     
  Dean, Post Graduate Studies

- CC: 1. All Deans of Colleges.  
 2. All concerned Heads as above along with 14 copies of Bio-data of faculty members.  
 3. Registrar  
 4. Secretary, PG. Faculty along with 15 copies of Biodata of each faculty member  
 5. P.A. to Dean, PGS  
 6. Nodal Officer MIS Cell, Vice-Chancellor's Office

## BRIEF BIO-DATA FOR MASTER'S ACCREDITATION

(20 copies are required on one page, on one side)

1. Name : Pramod Chandra Tewari



2. Designation : Assistant Professor  
 3. Date of birth : 01-07-1968  
 4. Department : Mechanical Engineering  
 5. Educational Qualification : Ph.D. (Mechanical Engineering)  
 6. Field of Specialization : Thermal Power,  
 Bio fuels , Energy sector , Fluid and Gas.  
 7. Experience as Faculty member  
 (i) Outside the University : -  
 (ii) (a) In the University : 19-12-2003 to till date  
 (b) On present post : 19-12-2003 to till date  
 8. Publications:  
 (a) No. of research papers published : 12  
 (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.G. Level

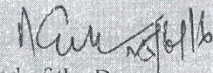
S. No.	No. & Title of the course	Credit hrs.
1.	TME 421: Power plant Engg & Energy conversion	4
2.	TME 310 Fluid Machinery & systems - I	4
3.	TME 313 Fluid Machinery & Systems - II	4
4.	TWP 101 Work Programme	1
5.	TME 100 UG Seminar	1
6.	TME 490A & B UG Project	6

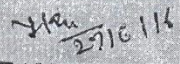
P.G. Level

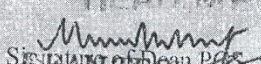
S. No.	No. & Title of the course	Credit hrs.
1.	TME511 Fluid Dynamics	2
2.	TME 512 Gas Dynamics	2

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

  
 Signature of staff member

  
 Signature of Head of the Department

  
 DEAN TECH  
 Signature of Dean of the College Concerned

HEAD WED  
  
 Signature of Head of the Department

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

1. Name : Dr. Chandra Dev
2. Designation : Assistant Professor
3. Department : Agricultural Economics
4. Educational Qualification : Ph. D. (Agricultural Economics)
5. Field of Specialization : Farm Management & Rural Banking
6. Experience as Faculty Member
  - (i) In the University : w.e.f. 06-02-2004 to till date
  - (ii) On present Post : w.e.f. 06-02-2004 to till date
7. Publications: (List enclosed)
  - a) No. of Research Papers published: 27
  - b) No. of Article published 25
  - c) Books/ Chapters in Books 04
  - d) Other publications 03



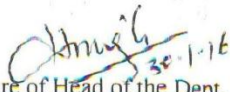
**Details of Courses Taught**

Under Graduate Level		
S. No.	Course No.	Title of the course
1	CFR-335	Marketing and Trade of Forest Products,
2	CFR-335	Marketing Trade & Business Mgt. of Forest Produce
3	CFR-333	Principles of Forest Eco., Project Plan. & Evaluation
4	AEC-200	General Economics
5	AAC- 303	Fundamentals of Ext. Edu. & Rural Development
6	CFC- 320	Forest Extension & Communication Methods
7	HMB-200	Horticulture Business Mgt. & Entrepreneurship Dev.
8	AEC-331	Farm Mgt., Production & Natural Resource Economics.
9	AEC-345	Fisheries Economics
10	AEC-348	Financing & Marketing Management in Fisheries
Post Graduate Level		
11	AEC-435	Farm Management Analysis

No. of Masters Students guided (in case of Ph. D.) research : Nil

Name & Id. No. Not applicable


  
Signature of Staff Member

  
Signature of Head of the Dept.

  
Signature of Dean College Concerned

  
Signature of Dean PGS

30/1/16

DEAN, P. G. S.  


**BRIEF BIO-DATA FOR MASTER'S ACCREDITATION****(350 copies are required on one page, on one side)**

1. Name : Er. Sachin Kumar
2. Designation : Assistant Professor
3. Date of birth : 30-06-1982
4. Department : Post Harvest Process and Food Engineering
5. Educational Qualification : M.Tech (Agril Engg.)
6. Field of Specialization : Process and Food Engg
7. Experience as Faculty member:
- (i) Outside the University : Nil
- (ii) (a) In the University : w.e.f. 25-09-2007 to till date
- (b) On present post : w.e.f. 25-09-2007 to till date
8. Publications:
- (a) No. of Research papers published : 01
- (b) No. of articles published : Nil
- (c) Books/Chapters in books : Nil
- (d) Other publications, if any
- (i) Papers in Seminar/Workshop Conference : 13

9. Details of courses taught: U.G. Level:

Sl.No.	Course No.	No. & Title of the course	Credit hrs.
I.	TPW-101	Work program	1(0-0-3)
II.	TPF-311	Engineering Properties of Biological Materials and Food quality	3(2-0-2)
III.	TPF-490(A)	Dissertation	2(0-0-6)
IV.	TPF-490(B)	Dissertation	4(0-0-12)
V.	TPF -305	Post Harvest Engg.	2(1-0-3)
VI.	TPF-330	Heat and Mass Transfer	3(2-1-2)
VII.	TPF-102	Environmental Engg.	2(2-0-0)
VIII.	TPF-331	Heat and Mass transfer	3(2-0-2)
IX.	TPF-373	Processing of Cereals, Pulses, Oilseeds and Bio fuel Crops	2(1-0-2)
X.	TPF-480	Crop Process Engg.	3(2-0-2)
XI.	TPF-488	Drying and Storage Engg.	4(3-0-2)
XII.	TPF-382	Dairy and Food Engg.	3(2-0-2)
XIII.	TPF-492	Seminar	1(0-0-3)
XIV.	TPF-451	Elements of Food Plant Design	3(2-0-2)



**BRIEF BIO-DATA FOR MASTER'S ACCREDITATION**

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

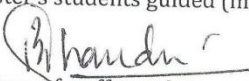
1. Name : **Dr. Bijay Kumar Khanduri**
2. Designation : **Assistant Professor (Sociology)**
3. Date of birth : 13.02.1967
4. Educational qualification : M.A. & D.Phil. (Sociology)
5. Department : Deptt. of Social Sciences & Humanities,  
College of Basic Sciences Humanities
6. Field of Specialization : Rural Sociology & Women in Hill Agri.
7. Experience as faculty member : 12 years
  - i. Out side the University : N.A.
  - ii. In the University : 24.02.1994
  - iii. In present post : 06.02.2004 to continue
8. Publication profile :
  - (a) No. of research papers published : 14
  - (b) No. of popular articles published : 10
  - (c) Books/Chapter in books : 02
  - (d) Booklets : 02
  - (e) Attended Professional Trainings : 08
  - (f) Training conducted for farmers : 04
  - (g) Research Project completed as PI : 01
  - (h) Research Project completed as Co-PI : 04





9. Details of courses taught :

S. N.	No. & Title of the course	Credit hrs.
<b>U. G. Level</b>		
1.	CFC - 301 Anthropology and Forest Tribology	2
2.	CFC - 320 Forestry Extension Education and Communication Methods	3
3.	BHS - 205 Fundamental of Rural Sociology & Educational Psychology	2
4.	BHS - 202 Rural Sociology and Educational Psychology	2
5.	BHS - 179 Rural Sociology	2
6.	BHS - 173 Elementary Hindi	2
7.	ARE - 390 Rural Agricultural Work Experience	4
8.	CFF - 390 Rural Awareness Work Experience	4
9.	NSS - 201 National Service Scheme	1
<b>P. G. Level</b>		
	Nil	Nil

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

  
Signature of staff member

  
Signature of Dean College  
Dean, C.B.S.&H.

  
Signature of Head of Deptt.  
Professor & Head  
Deptt. of Social Sciences & Humanities  
  
Signature of Dean PGS  
DEAN, P. G.

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

1. Name : Dr. Seema Agarwal  
 2. Designation : Assistant Professor  
 3. Date of birth : 10.08.1975  
 4. Department : Veterinary Pathology  
 5. Educational Qualification : Ph.D  
 6. Field of Specialization : Toxicopathology  
 7. Experience as Faculty member:  
 (i) Outside the University : w.e.f. NIL to NIL  
 (ii) (a) In the University : w.e.f. 20.05.2003 to continue  
 (b) On present post : w.e.f. 20.05.2003 to continue  
 8. Publications:  
 (a) No. of Research papers published : 18  
 (b) No. of articles published : 17  
 (c) Books/Chapters in books : Nil  
 (d) Other publications, if any : 1  
 9. Details of courses taught:



Sl.No.	No. & Title of the course	Credit hrs.
<b>U.G. Level:</b>		
i.	VPP-211, General Veterinary pathology	1+1
ii.	VPP-221, Systemic Veterinary pathology	2+1
iii.	VPP-311, Special Veterinary pathology	2+1
iv.	VPP-321, Avian pathology	1+1
v.	VPP-322, Aquatic Animal Diseases, Health Care and Management	1+1
vi.	VMD-512, Zoo/Wild Animal Breeding, Management, Nutrition and Health care	1+1
vii.	VMD-513, Pet Animal Breeding, Management, Nutrition and Health care	1+1
viii.	VLD-411, Veterinary Clinical Biochemistry and Laboratory Diagnosis-I	0+1
ix.	VLD-421, Veterinary Clinical Biochemistry and Laboratory Diagnosis-II	0+1
x.	VCS-512, Veterinary Laboratory Diagnosis-II	0+2
xi.	VCS-422, Veterinary Laboratory Diagnosis (Clinics)	0+2
xii.	VLD-511, Veterinary Laboratory Diagnosis-II (Clinics)	0+2
xiii.	VCP-511, Veterinary Clinical Practice	0+5

<b>P.G. Level:</b>		
i.	VPP-620, Clinical Pathology	2+1
ii.	VPP-612, Pathology of Digestive System	1+1
iii.	VPP-622, Avian Pathology	1+1
iv.	VPP-621, Comparative Oncology	1+1
v.	VPP-610, Advanced Necropsy & Histopathological Techniques	1+2
vi.	VPP-600, Masters Seminar	1+0
vii.	VPP-602, Techniques in pathology	1+1
viii.	VPP-610, Avian Pathology	2+1
ix.	VPP-604, Clinical Pathology	2+1
x.	VPP-606, Necropsy Procedures & Interpretations II	0+1
xi.	VPP-613, General Pathology	2+1
xii.	VPP-607, Advanced Systemic Pathology	2+1
xiii.	VPP-706, Pathology of Nutritional and Metabolic Disturbances	1+1

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

Name	ID.NO	Thesis title	Year of completion
1. Dheeraj Adhikari	32049	Clinicopathological and Immunopathological Effect of Induced Fipronil Toxicity in White Leghorn Cockerels	2012
2. Astha Chandra	33174	Clinico-Immunopathological Studies of Triazophos Toxicity in White Leghorn Cockerels	2013
3. Sakshi Tiwari	45648	Studies on Clinicopathological and Immunopathological Effects of Induced Imidacloprid Toxicity in White Leghorn Cockerels	2015

Signature of staff member

Signature of Head of the Deptt.

Signature of Dean College Concerned

Signature of Dean PGS

College of Veterinary & Animal Sciences  
G. B. Pant University of Agric. & Tech.  
PANTNAGAR - 263145

DEAN, PGS

inccharge  
Vety. Pathology

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



1. Name : Khan Chand  
 2. Designation : Junior Research Officer  
 3. Date of Birth : 01.04.1974  
 4. Department : Post Harvest Process and Food Engineering  
 5. Educational Qualification : M Tech  
 6. Field of Specialization : Value addition, food product and equipment development  
 7. Experience as Faculty member:  
 (i) Outside the University :  
 (ii) (a) In the University : w.e.f. 13-12-2006 to till date  
 (b) On present post : w.e.f. 13-12-2006 to till date  
 8. Publications:  
 (a) No. of Research papers published : 30  
 (b) No. of articles published : 06  
 (c) Books/Chapters in books : 01  
 (d) Other publications, if any : Lab manual: 02, Folders: 04

9. **Details of courses taught:**

Sl.No.	No. & Title of the course	Credit hrs.
<b>U.G. Level:</b>		
i.	TPF-492 Entrepreneurship Development	2(2-0-0)
ii.	TPF-310 Engineering Properties of Biological Materials	2(2-1-0)
iii.	TPF-485 Food Engg-I	3(2-0-1)
iv.	TPF-490(A) Dissertation	2(0-0-6)
v.	TPF-490(B) Dissertation	4(0-0-12)
vi.	TPF-310 Processing of Cereals, Pulses, Oilseeds and Bio-fuel Crops	2(1-0-2)
vii.	TPF-488 Drying and storage Engg	4 (3-0-2)
<b>P.G. Level:</b>		
i.	TPF-644 Unit Operations in Process Engg	3(3-0-1)
ii.	TPF-643 Advanced Food Process Engg	3(3-0-1)
iii.	TPF-662 Food Biotechnology	2(2-0-1)
	TPF-660 Flavour Technology	2(2-0-1)

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

SNo	Name of student	ID No.	Thesis title	Year of completion
1.	Mr. Rahul Singh.	44311	Shelf Life Enhancement of Fresh Cut Papaya With Edible Coatings And Packaging Materials Under Different Storage Conditions	July, 2014
2.	Mr. Anand Kumar.	44271	Optimization of coating materials using R.S.M. for enhanced shelf life of jaggery	July, 2014
3.	Mr. Gurupreet Singh.	44187	Design, Development and Performance Evaluation of Pedal Operated Dehuller for Black Soybean (Glycine Max L.)	July, 2014
4.	Ms. Anjali Sharma	44127	Optimization of Fermentation Parameters and Blend Ratio for the Development of Under Utilized Crops Based Idli Batter	July, 2014
5.	Ms. Deepti.	44255	Selection of Fermentation Parameters for Cereal Legume Based Fermented Product and Development of Household Level Fermenter	July, 2014
6.	Mr. Navin Kumar Navnit.	36208	Modification and Performance Evaluation of Integrated Malting Unit for Finger Millet Grains	August 2014
7.	Mr. Manish Pant	39106	Optimization of Parameters for Enzymatic Saccharification of Rice Straw for Quality Improvement of Bio-Oil	July, 2015
8.	Mr. Abhishek Chandra	45614	Study of Enzymatic Pre-Treatment Parameters and Its Optimization for Quality Improvement of Bio-Oil From Post Harvest Sugarcane Residue	July, 2015

Signature of staff member:

Signature of Head of the Deptt.

Signature of Dean Concerned

Signature of Dean PGIS

**DEAN TECH.**

**Head. P H P P. B**

DEAN PGIS  
 Date 08.9.16

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

1. Name : Dr. V C Dhyani  
 2. Designation : Assistant Professor (Agronomy)  
 3. Date of Birth : July 1st, 1978  
 4. Department : Agronomy  
 5. Educational Qualification : Ph. D  
 6. Field of Specialization : Conservation Agriculture, abiotic stress management, Wheat Physiology

7. Experience as Faculty Member:  
 (i) Outside the University : NIL  
 (ii) (a) in the University : 17.05.2006 to continue  
 (b) On present post : 17.05.2006 to continue

8. Publications: (List enclosed)  
 a. No. of Research papers published : 16  
 b. No. of articles published : 05  
 c. Book/Chapters in books : 03  
 d. Other publications, if any : 35

9. Details of courses taught:

Sl. No.	Courses No.	Title of Courses	Credit hrs
<b>Under Graduate Level</b>			
1.	APA-321	Crop Production I ( <i>Kharif</i> )	3 (2-0-1)
2.	APA-322	Crop Production II ( <i>Rabi</i> )	3 (2-0-1)
3.	APA-319	Organic Farming	2 (2-0-0)
4.	APA-318	Rainfed Agriculture and watershed management	2(1-0-1)
5.	APA-351	Practical Crop Production	4 (0-0-2)
6.	APA 311	Principles of Agronomy	3(2-0-1x3)
7.	APA - 101	Elementary Agriculture	3(2-0-1x3)
8.	ARE-318	Rural Agriculture Works Experience	18
<b>Post Graduate Level</b>			
1.	APA-703	Seed and Crop Physiology	4(3-0-1x3)
2.	APA-610	Crop Ecology	2(2-0-0)
3.	APA-615	Stress Crop Production	3(2-0-1x3)
4.	APA-600	Masters Seminar	1(0-0-1)
5.	APA-788	Doctoral Seminar	1(0-0-1)
6.	APA-708	Concepts in Crop production	4(3-0-1x3)
7.	APA-501	Modern Concepts in crop production	3(2-0-1x3)
8.	BPY-613	Research Techniques in Plant Physiology	2(0-0-2x3)

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

Sl. No.	Name of Student	Id. No.	Degree	Thesis Title	Year of completion
1.	Mr. Rakesh kumar Meena	33080	M. Sc (Ag) Agronomy	Terminal heat stress mitigation through mulching and foliar nutrition in wheat ( <i>Triticum aestivum</i> )	2012
2.	Mr. Reena	38086	M. Sc (Ag) Agronomy	Studies on efficient nitrogen management in wheat	2015
3.	Mr. Himanshu kumar	42583	M. Sc (Ag) Agronomy	Studies on mitigation of terminal heat stress through FYM and foliar nutrition in late sown wheat	2015

Signature of staff member *V C Dhyani* 7/12/2015

Signature of Head of the Dept. *V C Dhyani* 7/12/2015  
Agronomy

Signature of Dean College Concerned  
(J. K. Kumar)  
Dean, Agriculture  
10/12/15

Signature of Dean P.G.S.  
DEAN, P. G. S.  
10/12/15



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

1. Name : DR MUNISH BATRA
2. Designation : ASSISTANT PROFESSOR
3. Date of birth : 18/08/1974
4. Department : Veterinary Pathology
5. Educational Qualification : Ph D (Veterinary Pathology)
6. Field of Specialization : Veterinary Pathology (Poultry Pathology)
7. Experience as Faculty member:
  - (i) Outside the University : NA
  - (ii) (a) In the University : w.e.f. 17/05/2006 till date
  - (b) On present post : w.e.f. 17/05/2006 till date
8. Publications:
  - (a) No. of Research papers published : 48
  - (b) No. of articles published : 27
  - (c) Books/Chapters in books - : 05
  - (d) Other publications, if any : 36
9. Details of courses taught:



Sl.No	No. & Title of the course	Credit hrs.
<b>U.G. Level:</b>		
1.	VPP- 211 General Veterinary Pathology	2
2.	VPP- 221 Systemic Veterinary Pathology	3
3.	VPP- 311 Special Veterinary Pathology	3
4.	VPP- 321 Avian Pathology	2
5.	VPP- 322 Aquatic Animal Diseases, Healthcare and Management	3
6.	VCP- 411 Veterinary Clinical Practice	5
7.	VLD- 411 Veterinary Clinical Biochemistry and Lab Diagnosis	3
8.	VCP- 511 Veterinary Clinical Practice	5
9.	VMD-513 Pet Animal Breeding, Management, Nutrition & Health Care	3
<b>P.G. Level:</b>		
1.	VPP- 602 Techniques in Pathology	3
2.	VPP- 603 Animal Oncology	2
3.	VPP- 605 Necropsy Procedures and Interpretations-I	1
4.	VPP- 606 Necropsy Procedures and Interpretations-II	1
5.	VPP- 607 Advanced Systemic Pathology	3
6.	VPP- 610 Avian Pathology	3
7.	VPP- 613 General Pathology	3
8.	VPP- 623 Pathology of Bacterial and Viral Diseases	3
9.	VPP- 624 Pathology of Mycotic and Parasitic Diseases	3
10.	VPP- 701 Pathology of Nutritional and Metabolic Disturbances	3
11.	VPP- 703 Advances in Diagnostic Pathology	3
12.	VPP- 704 Ultra Structural Pathology	2

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

Name	ID.NO.	Thesis title	Year of completion
1. Amandeep	33201	Studies on ameliorative effects of <i>Withania somnifera</i> root powder in lead treated chickens	2013
2. Shree Niwas Yadav	33231	Studies on ameliorative effects of <i>Withania somnifera</i> root powder in cadmium treated chickens	2013
3. Himayun Rashid	48154	Studies on ameliorative effects of <i>Spirulina platensis</i> in cadmium treated chickens	2016

*Munish Batra*  
Signature of staff member 11/9/16

Signature of Dean College Concerned

*[Signature]*  
DEAN

College of Veterinary & Animal Sciences  
G.B. Pant University of Agri. & Tech.  
PANTNAGAR-263145  
Distt. U.S. Nagar (Uttarakhand) India

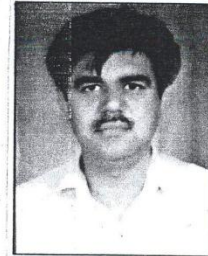
*[Signature]*  
Signature of Head of the Deptt.  
Incharge  
Signature of Dean PGS  
Vety. Pathology

*[Signature]*  
Dean A.G.S.  
02.09.16

**BRIEF BIO-DATA FOR MASTER'S/PH.D. ACCREDITATION**

(350 copies are required on one page, on one side)

1. Name : Abhishek Tomar
2. Designation : Assistant Professor
3. Date of birth : 30-06-1976
4. Department : Electronics & Comm.Engg.
5. Educational Qualification : Ph.D.
6. Field of Specialization : Electronics ( VLSI)
7. Experience as Faculty member:
- (i) Outside the University : w.e.f. 05.01.2002 to 31.01.2003
- (ii) (a) In the University : w.e.f. 03.02.2003 to till date
- (b) On present post : w.e.f. 03.02.2003 to till date
8. Publications:
- (a) No. of Research papers published : 30
- (b) No. of articles published : Nil
- (c) Books/Chapters in books : Nil
- (d) Other publications, if any : 05




9. Details of courses taught:

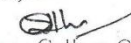
Sl.No.	No. & Title of the course	Credit hrs.
<b>U.G. Level:</b>		
i.	TEC 203 Digital Logic & Circuits	4
ii.	TEC 204 Microprocessor	4
iii.	TEC 261 Electronic Devices & Circuits	4
iv.	TEC 361 Linear Integrated Circuits	4
v.	TEC 364 Digital Integrated Circuits	4
vi.	TEC 462 VLSI Technology	3
<b>P.G. Level:</b>		
i.	TEC 531 Advanced Electrical Engineering Material Science	2
ii.	TEC 621 Transistor Circuit Analysis and Design	2
iii.	TEC 603 Digital Circuit Techniques & Design	2

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

08

Name	ID.NO	Thesis title	Year of completion
1. Devesh Joshi	42643	Design of a 6-10.6 GHz flat gain CMOS RF Power Amplifier	2013
2. Saurabh Pargaien	42646	Design of 2.4 GHz LNA using Current Reuse Technique in CMOS	2013
3. Jitendra Singh	44289	Design of ultra low power, Quadrature Phase LC-VCO	2014
4. Abhishek Agarwal	44192	Modelling and Optimization of a Ring type VCO using NN	2014
5. Anil Rautela	35044	Minimizing Leakage in SRAM Cell using VST in 0.18 $\mu$ m Tech.	2015
6. Swapnil Pathak	45493	An 8-bit H-bridge DAC with Segmented Architecture in 0.18 $\mu$ m	2015
7. Rohit Tripathi	45496	Full Adder Custom Cell Design using HLS in 0.18 $\mu$ m CMOS	2015
8. Manoj S Farswan	45721	Design of 2nd Order SD Modulator using Latch Based Comparator in 180 nm CMOS Technology	2015

  
Signature of staff member  
**Asstt. Prof., E&CE**

  
Signature of Dean College Concerned  
**DEAN TECH.**

  
HEAD, E&CE  
Signature of Head of the Deptt.

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

9/8/10-8-16



**B. Master's Programmes**

**Agriculture Majors**

		Existing	Proposed	Existing	Proposed
<b>Engineering Majors</b>					
9	Electronics & Communication Engineering	08	12	Bachelor's Degree in Electronics & Communication Engg./ Electronics Engineering./ Communication Engineering/ Telecommunication Engg. From a recognized University/ Institute.	No Change
<b>Science Majors</b>					
3	Biochemistry	05	6	B.Sc. in Biochemistry/ Bitechology/ Microbiology/ Agriiculture/ Home Science/ Fisheries/ Vety.Science/ Forestry/ Food Tech./B.Sc. with Chemistry as one of the major subjects/ B.Sc. Hortiture	No Change
9.	Microbiology	06	04	B.Sc. in Microbiology/ Biochemistry/ Agriculture/ Fisheries/ Forestry/ Home Science/ Biotechnology/ Biology (Zoology and Botany with any other subject), / B.Sc. Horticulture	Bachelor's Degree in Microbiology/ Biochemistry/ Agriculture/ Fisheries/ Forestry/ Home Science/ Biotechnology/ Biology (Zoology and Botany with any other subject), B.Sc. Horticulture
12	Physics	10	12	B.Sc. with Physics as one of the major subject	No Change
<b>Fisheries Majors</b>					
3.	Fishery Biology Proposed to Fisheries Resource Management	04	No Change	Bachelor's Degree in Fisheries Science.	No Change



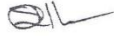
Office of the Dean  
College of Agribusiness Management, GBPUAT

Item No 5

No. CABM/PA/2728  
Dt. Aug. 27, 2016

Dean, PGS

Please find enclosed herewith the "Admission Policy for MBA programmes" of the College for the academic year 2017-18 for kind consideration and approval by the Board of Faculty of Post Graduate Studies in the forthcoming meeting.

  
(H.C. Sharma)  
Dean, CABM

Encl.: as above

(A-7)

NO. PGS/PA/CABM/2742  
2-9.2016

CABM, Pantnagar

**Justifications for changes in Admission Policy: 2017-18**

**A. Addition of CAT exam besides CMAT**

Addition of CAT exam along with CMAT in Admission Policy is done as per the decision of Academic Council.

**B. Increase in Number of Seats:**

1. We, at CABM, already have an approval of 60 seats from AICTE. Moreover, we continued to have 60 seats in MBA programs at CABM till 2014-15. We reduced MBA seats to 40 due to shortage of faculty at that time.
2. Now, three more faculty members have been appointed and joined CABM.
3. CABM also added the most prestigious entrance exam (CAT) as admission test for its MBA program. This is besides another entrance exam (CMAT) through which we admit students.
4. We had students waiting in the wait list which we could not admit in the session 2016-17 due to restriction on number of seats.

**C. Mode of Admission**

1. Since CABM has to admit students on the basis of CAT and CMAT both, we studied the Admission procedure adopted by NIAM, Jaipur (an autonomous organization under Ministry of Agriculture, Government of India).
2. The proposed changes in 'Mode of Admission' at CABM are exactly the same which are followed by NIAM, Jaipur.

**D. Change in Fee Structure**

It is proposed to increase the present fees of Rs. 2.0 lakh per annum to Rs 2.50 lakh per annum at CABM after taking into cognizance:

1. Fees of other competitive MBA institutes.
2. CABM is a self-financing institution and as such has to consider impact of VII Pay Commission liabilities.

Dean - CABM

1. Changes in Admission Policy - 2017-18 are highlighted.
2. Justifications for same, as discussed in Faculty meeting of CABM are as above.

M. P. 21/9/16  
Mukesh Pandey  
Prof I/c - Admission (CABM)

Dean, PGS

S. H.  
2-9-16  
DEAN, C.A.B.M.

## Admission Policy for MBA Programmes: Year 2017-18

### Eligibility Qualifications

#### M.B.A. (Agribusiness)

Bachelor's and/or Master's degree in Agriculture, Agricultural Chemicals, Agricultural Engineering, Biotechnology, Dairy Science/ Technology, Fisheries, Food Science/ Technology, Forestry, Horticulture, Veterinary Science or B.Sc (Home-Science).

#### M. B. A.

Bachelor's degree in any branch of Engineering/Technology from AICTE approved Institutions/UGC approved Universities.

### 2. Selection Procedure

The candidates will have to appear either in Common Admission Test (CAT) conducted by IIM or Common Management Admission Test (CMAT) conducted by AICTE. CABM will use the score of CAT/CMAT for short listing the candidates for its two year full time MBA programmes. The candidates short listed on the basis of their scores will have to appear for further screening on the basis of Essay writing, Group Discussion, Extempore and Personal Interview at CABM, Pantnagar on specified date(s). The candidates willing to seek admission in MBA (Agribusiness) and MBA programme will have to apply to CABM, Pantnagar separately.

### 3. Number of Seats

The regular intake capacity for the MBA (Agribusiness) is 36 and MBA programme is 24 i.e. a total of 60 seats out of which 50% seats are for the candidates from States other than Uttarakhand and 50% seats are for candidates of Uttarakhand State in which seats for OBC, SC and ST are reserved as per the reservation policy of the Uttarakhand Government, implemented by the University. For the other states category, not more than 2 seats will be given to any single state. However, this condition may be waived off by Admission Committee if qualified candidates are not available in a particular state. In case, the seats of MBA programme remain vacant the same will be transferred to MBA (Agribusiness) programme and vice-versa. In case, the seats of other States remain vacant; the same may be filled from the candidates of Uttarakhand State and vice-versa. A candidate seeking admission against the seats reserved for Uttarakhand will have to submit the domicile certificate at the time of Group Discussion/ Personal Interview.

### Sponsored Candidates

#### Industry sponsored Candidates

One seat under MBA (Agribusiness) and one seat under MBA programme will be reserved for industry sponsored candidates in addition to the regular seats. These seats will be reserved for the employees of companies having MOU with the College or University and who are sponsored by the company to pursue MBA programme at the College of Agribusiness Management, Pantnagar. The company will have to give an undertaking in writing that it will bear all the expenditure of the sponsored candidate, i.e., programme fee and the university fee levied by the College and the University. The company will have to

pay full programme fee even if the sponsored candidate leaves the programme without completing it. The fee will be deposited by the company and not the candidate. The sponsored candidates will be required to take CAT/CMAT examination and secure minimum qualifying marks (to be decided by Admission Committee for short listing the candidates) and will have to appear in Group Discussion and Personal Interview and qualify it to be listed in merit. Programme fee for sponsored candidates will be double of the amount charged from regular/ normal candidates.

#### **Uttarakhand Government Officers**

Five seats under MBA (Agribusiness) will be reserved for Uttarakhand Government officers in addition to the regular seats. The Uttarakhand Government officers will neither be required to take CAT/CMAT examination nor will be required to appear in Group Discussion and Personal Interview. The programme fee for government officers will be double of the programme fee to be paid by regular candidates.

The sponsored candidates besides meeting the above mentioned eligibility qualification should have secured an OGPA of not less than 6.000/10.000 or 3.000/5.000 or 55% marks in aggregate in case of the Universities where these scales are not applicable in Bachelor's degree. However, candidates having more than 2 years post eligibility qualification work experience should have secured an OGPA of not less than 6.000/10.000 or 3.000/5.000 or 50% marks in aggregate.

#### **4. Duration**

The normal duration of MBA (Agribusiness) and MBA programme is two academic years or four semesters. Summer vacation is utilized for providing organizational orientation to students through attachment to business organizations. Placement activities start in the third semester of the Programme. The minimum and maximum duration of the Programme is four and six semesters respectively.

#### **5. Sale and Submission of Application Forms**

The application form for admission shall be made available to the candidates both online and offline on payment of fee of Rs. 1500/- in the form of a Demand Draft drawn on Punjab National Bank in favour of Dean, College of Agribusiness Management payable at Pantnagar branch (Code 4446) from December 1, 2016 which can be submitted latest by February 28, 2017 in person or by post at the office of Dean, CABM. The candidates may also directly download the forms from the website [www.cabm.ac.in](http://www.cabm.ac.in) and submit it in person or by post along with the required fee of Rs. 1500/- in the form of a Demand Draft drawn on Punjab National Bank in favour of Dean, College of Agribusiness Management payable at Pantnagar branch (Code 4446). The form can be obtained/downloaded and submitted up to March 15, 2017 with an additional late fee of Rs. 1500/-.The last date for obtaining and submitting filled in application form for sponsored candidates will also be March 15, 2017.

#### 6. Medical Examination

All candidates called for group discussion will be required to produce medical and physical fitness certificate from the Chief Medical Officer In charge of the concerned district from where they are reporting, prior to appearing for group discussion. Medical Certificate to be submitted will be considered valid only if same is issued by the CMO or equivalent.

#### 7. Verification of Antecedents

At the time of Group Discussion, each candidate will be required to submit a character certificate from the Head of the Institution (Registrar/ Dean/ Principal/ Director of the University/College/ Institute) last attended.

#### 8. Mode of Admission

S.No.	Criteria	Weightage
1	Entrance test (CAT-2016)	30
2	Entrance test (CMAT-2016/17)	20
3	Essay Writing	20
4	Extempore/ Micro-presentation	5
5	Group Discussion	20
6	Personal Interview	30
7	Work Experience	5

Qualifying marks in Entrance test, Essay writing, Group discussion, Extempore/Micro-presentation and Personal Interview will be decided by the Admission Committee.

#### 9. Fee Structure and Payment Schedule

The candidates are required to pay the fee of the MBA programme within the time limits specified in the following paragraph:

**Admission/Counseling Fee:** Candidates called for Essay writing, Group discussion, Extempore/Micro-presentation and Personal Interview will be required to deposit a non-refundable fee through Demand Draft for Rs. 5,000 drawn on Punjab National Bank at Pantnagar Branch (Code 4446) in favour of Dean, College of Agribusiness Management, Pantnagar as Counseling Fee. This is a necessary pre-requisite for attending the Group Discussion and Interview.

**Programme and University Fee:** All admitted candidates will be required to pay the Programme and the University Fee as per the following schedule:

**The Programme Fee:** The Programme fee for both the MBA programmes should be paid through DD in favour of Dean, CABM, Pantnagar.

Before Registration in First Semester\* 2017-2018 Rs. 2,50,000  
1<sup>st</sup> day of Registration in First Semester 2018-2019 Rs. 2,50,000

Programme fee for sponsored candidates will be double of the amount charged from regular/ normal candidates.

\* By a date fixed by the Admissions Committee but before the registration in first semester.

**The University Fee:** The University fee should be paid through DD in favour of the Comptroller, GBPUAT, Pantnagar.

First day of Registration in First Semester 2017-2018 Rs. 34153.00  
First day of Registration in Second Semester 2017-2018 Rs. 34153.00  
First day of Registration in First Semester 2018-2019 Rs. 34153.00  
First day of Registration in Second Semester 2018-2019 Rs. 34153.00

**NOTE:**

1. The programme fee shall be paid as soon as the admission is confirmed.
2. The programme fee shall be per annum irrespective of number of semesters completed by the student in an academic year.
3. Only Caution Money is refundable.
4. Only Food advance is adjustable.
5. Food bills on actual are to be paid every month.

DEPARTMENT OF AGROMETEOROLOGY  
COLLEGE OF AGRICULTURE, GBPUA&T, PANTNAGAR - 263145

Item No-6

Agenda Item 6 (Replacement of basic supporting course "Mathematical Statistics, BPS-672" by "Data Analysis and Forecasting, BPS-681")

All faculty members of department of Agrometeorology in a meeting held of 16<sup>th</sup> June 2016 discussed a length the practical applicability of the basic supporting course entitled "Mathematical Statistics, BPS-672" being offered to PhD (Agrometeorology Students). Keeping in view the thesis research and ARS syllabus, it was found that the course contents of Mathematical Statistics are not very useful for the PhD Agrometeorology students. Therefore, other courses such as "Crop Environmental Engineering, TID-551", "Plant Growth Modelling and Simulation, TID-714" and "Data Analysis and Forecasting, BPS-681" were considered and discussed in the faculty meeting.

It was unanimously resolved that the basic supporting course "Mathematical Statistics, BPS-672" may be replaced by "Data Analysis and Forecasting, BPS-681") being offered by Department of Statistics, Mathematics and Computer Sc. of CBSH.

Further, it was decided that the case may be forwarded to PG Faculty for discussion and necessary action thereon.

*Rajeev*  
16/6/16

Dr Rajeev Ranjan  
Assistant Professor

*Ravi Kiran*  
16.6.16

Dr Ravi Kiran  
Assistant Professor

*R.K. Singh*  
16/6/16

Dr R.K. Singh  
Professor

*A.S. Nain*  
16/6/2016

A.S. Nain  
Professor & Head

①

Item No-7

Agenda Item 7 : Change of Nomenclature of M.F.Sc. degree and Course Code of M.F.Sc. and Ph.D. degree programme of Department of Fisheries Resource Management, College of Fisheries

1. Change of nomenclature of M.F.Sc. degree\*

Existing	Proposed
M.F.Sc. (Fishery Biology)	M.F.Sc. (Fisheries Resource Management)

2. Change of course code of M.F.Sc. and Ph.D. degree programme\*

M.F.Sc.

Sl. No.	Title of Course	Course Code		Credit Hours
		Existing	Proposed	
<b>Core Courses (18 credits)</b>				
1.	Inland Fisheries Resources	FFB- 611	FRM- 611	3(2+1)
2.	Marine Fisheries Resource Management	FFB- 615	FRM- 615	2(2+0)
3.	Ecosystems, Biodiversity and Conservation	FFB- 621	FRM- 621	3(2+1)
4.	Fish Stock Assessment	FFB- 625	FRM- 625	2(1+1)
5.	Feeding and Reproductive Biology of Finfish	FFB- 631	FRM- 631	3(2+1)
6.	Developmental Biology of Finfish and Shellfish	FFB- 635	FRM- 635	3(2+1)
7.	Master's Seminar	FFB- 600	FRM- 600	1(0+1)
<b>Optional / Minor Courses (9 credits)</b>				
1.	Modern Techniques in Ichthyotaxonomy	FFB- 511	FRM- 511	2(1+1)
2.	Fisheries Regulations	FFB- 515	FRM- 515	2(2+0)
3.	Remote Sensing and GIS for Fisheries Management	FFB- 521	FRM- 521	2(1+1)
4.	Special Problem	FFB- 601	FRM- 601	1(0+1)
5.	Advanced Biology of Crustaceans and Molluscs	FFB- 641	FRM- 641	2(1+1)
6.	Fish Genetics, Sex Control and Hybridization	FFB- 645	FRM- 645	2(1+1)
<b>Thesis Research (20 credits)</b>				
1.	Master's Thesis Research	FFB-690	FRM-690	20

Ph.D.

Sl. No.	Title of Course	Course Code		Credit Hours
		Existing	Proposed	
<b>Core Courses (11 credits)</b>				
1.	Assessment of Aquatic Biodiversity	FFB- 711	FRM- 711	2(1+1)
2.	Applications of Fisheries Models in Stock Assessment	FFB- 715	FRM- 715	2(1+1)
3.	Conservation and Management of Exploited Fisheries Resources	FFB- 721	FRM- 721	2(1+1)
4.	Management of Inland Fishery Resources	FFB-725	FRM-725	3(2+1)
5.	Doctoral Seminar I	FFB- 788	FRM- 788	1
6.	Doctoral Seminar II	FFB- 789	FRM- 789	1
<b>Optional (5 credits to be elected)</b>				
1.	Special Problem	FFB- 601	FRM- 601	1-2
2.	Data Collection and Estimation of Exploited Fisheries Resources	FFB-651	FRM-651	2(0+2)
3.	Issues in Capture Fisheries	FFB- 655	FRM- 655	2(1+1)
4.	Fisheries Environmental Assessment	FFB- 661	FRM- 661	2(1+1)
5.	Marine Fishery Resources	FFB- 731	FRM- 731	2(2+0)
6.	Developmental Biology of Fish	FFB- 735	FRM- 735	2(1+1)
7.	Advances in Feeding, Growth and Reproduction in Finfish	FFB- 741	FRM- 741	2(1+1)
8.	Management and Conservation of Fish Genetic Resources	FFB- 745	FRM- 745	2(2+0)
<b>Thesis Research (45 credits)</b>				
1.	Ph.D. Thesis Research	FFB-790	FRM-790	45

\*Passed under item no.: 74.3 in the 74<sup>th</sup> meeting of BOFF held on 02-6-2015 (copy enclosed).

(Amita Saxena)  
Acting HoD

Fisheries Resource Management



Item No-8

Agenda Item 8 : Change of Course Code of M.F.Sc. degree programme of Department of Aquatic Environment Management, College of Fisheries

Post Graduate Courses: M.F.Sc. (Aquatic Environment Management)\*

Sl. No.	Title of Course	Course Code		Credit Hours
		Existing	Proposed	
<b>Core Courses (18 credits)</b>				
1.	Advanced Aquatic Environment and Biodiversity	FFH-555	FEM-555	3(2+1)
2.	Chemical Interaction in Aquatic Environment	FFH-560	FEM-560	3(2+1)
3.	Ecology and Management of Limnetic Environment	FFH-565	FEM-565	3(2+1)
4.	Aquatic Pollution and Wastewater Management	FFH-570	FEM-570	3(2+1)
5.	Master's Seminar	FFH-600	FEM-600	1(1+1)
6.	Fisheries Oceanography	FFH- 615	FEM- 615	2(1+1)
7.	Integrated Coastal Zone Management	FFH-631	FEM-631	3(2+1)
<b>Optional / Minor Courses (9 credits)</b>				
1.	Special Problem	FFH-601	FEM-601	1(1)
2.	Planktonology	FFH-635	FEM-635	2(1+1)
3.	Ecology of Benthic Organism	FFH-637	FEM-637	2(1+1)
4.	Aquatic Microbiology	FFH-641	FEM-641	3(2+1)
5.	Environmental Toxicology	FFH-645	FEM-645	2(1+1)
6.	Environmental Biotechnology	FFH-651	FEM-651	2(1+1)
<b>Thesis Research (20 credits)</b>				
1.	Master's Thesis Research	FFH-690	FEM-690	20

\*Passed under item no. 75.4 in the 75<sup>th</sup> meeting of BOFF held on 26-11-2015 (copy enclosed).

(A.P. Sharma)  
Acting HoD

Aquatic Environment Management