

AGRICULTURE UNIVERSITY, KOTA

17th MEETING OF ACADEMIC COUNCIL



Proceedings

Date : 20th July, 2021

Time : 15:00 PM

Venue : Conference Hall, Agriculture University, Kota

AGRICULTURE UNIVERSITY, KOTA

Minutes of 17th meeting of Academic Council

The 17th meeting of Academic Council of Agriculture University, Kota was held on July 20, 2021 at 15:00 PM in the Conference Hall, Agriculture University, Kota under the Chairmanship of Dr. D.C. Joshi, Vice-Chancellor, AU, Kota. The following members and invitees were present:

Name	DESIGNATION	
Dr. I. B. Maurya	Dean, College of Horticulture & Forestry, Jhalawar	Member
Dr. M. C. Jain	Dean, Agriculture College, Kota	Member
Dr N. L. Meena	Dean, Agriculture College, Hindoli	Member
Dr. Pratap Singh	Director Research, AU, Kota	Member
Dr. S. K. Jain	Director Extension Education, AU, Kota and Professor & Head, Department of Post Harvest Technology, CH&F, Jhalawar	Member
Dr.(Mrs) Mamta Tiwari	Director, HRD, AU, Kota	Member
Dr. Jitendra Singh	Director, Student and Welfare, AU, Kota and Professor & Head, Department of Fruit Science, CH&F, Jhalawar	Member
Dr. Mukesh Goyal	Director, PM&E, AU, Kota	Member
Dr. D.K. Singh	Professor (Horticulture), KVK, Anta	Member
Dr. Virendra Singh	Professor & COE, AU, Kota	Member
Dr. Baldev Ram	Associate Professor & Head, Department of Agronomy, ARS, Kota	Member
Dr. S.C. Sharma	Associate Professor & Head, Department of Genetics and Plant Breeding, ARS, Kota	Member
Dr. S.B.S. Pandey	Associate Professor & Head, Department of Silviculture & Agroforestry, CH&F, Jhalawar	Member
Dr S C Bhandari	Rtd. CoE, MPUAT, Udaipur	Co-opted Member
Dr S K Sharma	Director Research, MPUAT, Udaipur	Co-opted Member
Dr Manmohan Dobiryal	Professor, Forestry, RLB Central Agriculture University, Jhansi	Co-opted Member
Dr. L.K. Dashora	ICAR - Emeritus Professor	Invitee
Sh. Ramdhan Raigar	Comptroller, AU, Kota	Invitee
Dr. Ashutosh Mishra	Director Education, AU, Kota	Secretary

Dr Virendra Nepaliya and Dr R K Jain, co-opted members and Mrs. Mamta Tiwari, Registrar, AU, Kota, could not attend the meeting.

The meeting started with University *Kulgeet* and then Dr. Ashutosh Mishra, Director Education and Secretary, Academic Council welcomed Chairman, distinguished guests and the members.

The Chairman and Hon'ble Vice-Chancellor in his opening remarks appreciated the initiatives taken by the university officers to convene the meetings of all statutory authorities regularly despite the difficulties due to

pandemic. He said that though many activities are being done now on line but we will have to further improve our online interaction among faculties and students. He said that those students, who will be admitted to different professional courses this year, will require more attention from the teachers as the 12th class students have been promoted this year without examination. He called upon Deans and faculty to do proper orientation and counselling of the students who will be admitted in first year to make up the possible efficiency.

Thereafter, the Director Education presented the agenda items one by one. After thorough discussion on each agenda item, following resolutions were made which are presented below.

Agenda Item No.	Particular																																													
AUK/AC-17/2021-01/01	Confirmation of the minutes of 16th meeting of Academic Council held on 19.12.2020 Resolved to confirm																																													
AUK/AC-17/2021-01/02	Action Taken Report on the proceedings of 16th meeting of Academic Council held on 19.12.2020 Resolved to approve																																													
AUK/AC-17/2021-01/03	Approval of starting academic programme at newly sanctioned College of Agriculture, Hindoli-Bundi and its academic programme . A new college of Agriculture has been sanctioned by Govt. of Rajasthan at Hindoli-Bundi under the jurisdiction of AU, Kota vide letter no.प१(३) कृषि-3/2021 dated 7.4.2021 (Annexure-1) along with sanction of 30 different posts including two Associate Professors and ten Asstt. Professors. Academic Council approved the starting of undergraduate programme of BSc (Hons.)Ag with annual intake of 60 students from the academic session 2021-22 at CoA, Hindoli. The semester wise course structure, fee and all other academic rules & regulations will be same as approved for existing CoA, Ummedganj, Kota. Further, the subject wise distribution of new posts of Assoc. Professors & Asstt. Professors as appended below was approved. <table><tr><th colspan="3">Subject wise distribution of teaching faculty</th></tr><tr><th>A</th><th>Associate Professor</th><th>No.of posts</th></tr><tr><td>1</td><td>Agronomy</td><td>01</td></tr><tr><td>2</td><td>Plant Breeding & Genetics</td><td>01</td></tr><tr><th>B</th><th>Assistant Professor</th><td>10</td></tr><tr><td>1</td><td>Soil Science</td><td></td></tr><tr><td>2</td><td>Entomology</td><td></td></tr><tr><td>3</td><td>Plant Pathology</td><td></td></tr><tr><td>4</td><td>Horticulture</td><td></td></tr><tr><td>5</td><td>Agronomy</td><td></td></tr><tr><td>6</td><td>Extension Education</td><td></td></tr><tr><td>7</td><td>Agricultural Engineering</td><td></td></tr><tr><td>8</td><td>Agriculture Economics</td><td></td></tr><tr><td>9</td><td>Statistics</td><td></td></tr><tr><td>10</td><td>Computer Science</td><td></td></tr></table>	Subject wise distribution of teaching faculty			A	Associate Professor	No.of posts	1	Agronomy	01	2	Plant Breeding & Genetics	01	B	Assistant Professor	10	1	Soil Science		2	Entomology		3	Plant Pathology		4	Horticulture		5	Agronomy		6	Extension Education		7	Agricultural Engineering		8	Agriculture Economics		9	Statistics		10	Computer Science	
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Action:Registrar. AU, Kota

Action:Registrar, AU, Kota

AUK/AC -17/2021- 01/04	<p>Approval of proceedings of 3rd meeting of Board of Studies for Faculty of Agriculture</p> <p>The minutes of the 3rd meeting of Board of Studies for Faculty of Agriculture held on 10.2.2021 as appended in Annexure-II were approved.</p> <p style="text-align: right;">Action : Dean, COA, Kota</p>																														
AUK/AC -17/2021- 01/05	<p>Approval of minutes of the 8th meeting of the Board of Studies of Faculty of Horticulture & Forestry</p> <p>The minutes of 8th meeting of Board of Studies of Faculty of Horticulture and Forestry held on 12.03.2021 as appended in Annexure III were approved except Agenda no. CHF/BOS/8/2021/01/05 and CHF/BOS/8/2021/01/06.</p> <p style="text-align: right;">Action: Dean, CHF, Jhalawar</p>																														
AUK/AC -17/2021- 01/06	<p>Permission to Assistant Professors of supporting discipline accredited in R-2 category to act as member of advisory committee for Ph.D. Students.</p> <p>Assistant Professors of supporting discipline accredited under R-2 category and having teaching experience of minimum three years may be permitted to act as member of advisory committee for Ph.D. students as a special case till the experienced faculty of biochemist / physiologist /economist / statistician subjects were not recruited was approved.</p> <p style="text-align: right;">Action: Director Education, AU, Kota</p>																														
AUK/AC -17/2021- 01/07	<p>Inclusion of NCC as “General Elective Credit Course” in UG Programme offered in different colleges of AU Kota, from Academic session 2021-22</p> <p>Deferred</p>																														
AUK/AC -17/2021- 01/08	<p>Reconstitution of Board of Studies for the Faculty of Horticulture and Forestry, Jhalawar.</p> <p>Due to completion of tenure of some of the members of the Board of Studies for the Faculty of Horticulture & Forestry on 1st July, 2021, the reconstitution of Board of Studies as appended herewith was approved.</p> <p style="text-align: center;">Board of Studies of the College of Horticulture and Forestry, Jhalawar</p> <table><tr><th>S.No.</th><th>Name of Faculty</th><th>Status</th></tr><tr><td>1.</td><td>Dean of the College Dr. I.B. Maurya</td><td>Ex-officio Chairman</td></tr><tr><td>2.</td><td>Director Education Dr. Ashutosh Mishra</td><td>Ex-officio Member</td></tr><tr><td>3.</td><td>Director Students Welfare Dr. Jitendra Singh</td><td>Ex-officio Member</td></tr><tr><td>4.</td><td>Controller of Examinations Dr. Virendra Singh</td><td>Ex-officio Member</td></tr><tr><td>5.</td><td>Dean of the other colleges</td><td></td></tr><tr><td></td><td>(i) Dr. M.C. Jain, Dean, CoA, Ummedganj, Kota</td><td>Ex-officio Member</td></tr><tr><td></td><td>(ii) Dr. N.L. Meena, Dean, CoA, Hindoli, Bundi</td><td>Ex-officio Member</td></tr><tr><td>6.</td><td>All Heads of the Departments</td><td></td></tr><tr><td></td><td>(i) Department of Vegetable Science Dr. I.B. Maurya</td><td>Member</td></tr></table>	S.No.	Name of Faculty	Status	1.	Dean of the College Dr. I.B. Maurya	Ex-officio Chairman	2.	Director Education Dr. Ashutosh Mishra	Ex-officio Member	3.	Director Students Welfare Dr. Jitendra Singh	Ex-officio Member	4.	Controller of Examinations Dr. Virendra Singh	Ex-officio Member	5.	Dean of the other colleges			(i) Dr. M.C. Jain, Dean, CoA, Ummedganj, Kota	Ex-officio Member		(ii) Dr. N.L. Meena, Dean, CoA, Hindoli, Bundi	Ex-officio Member	6.	All Heads of the Departments			(i) Department of Vegetable Science Dr. I.B. Maurya	Member
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	(i) Department of Vegetable Science Dr. I.B. Maurya	Member																													

	(ii) Department of Fruit Science Dr. Jitendra Singh	Member
	(iii) Department of Floriculture & Landscape Architecture Dr. Ashutosh Mishra	Member
	(iv) Department of Post Harvest & Technology Dr. S.K. Jain	Member
	(v) Department of Silviculture & Agroforestry Dr. S.B.S. Pandey	Member
7.	<i>Two Professors other than Heads to be nominated by the Hon'ble Vice-Chancellor</i>	
	(i) Dr. D.K. Singh, Professor (Horticulture), KVK, Anta	Member
	(ii) Dr. Mahendra Singh, Professor, KVK, Kota	Member
8.	<i>Two teachers to be nominated by the Hon'ble Vice-Chancellor</i>	
	(i) Dr. Baldev Ram, Assoc. Prof. (Agronomy), ARS, Kota	Member
	(ii) Dr. S.C. Sharma, Assoc. Prof. (PBG), ARS, Kota	Member
9.	<i>Two outside experts to be co-opted by the Board of Studies concerned from amongst persons who are not teachers in the University</i>	
10.	(i) Dr. A.K. Pandey, Dean, College of Horticulture and Forestry, RLB Central Agriculture University, Near Pahuj Dam, Gwalior Road, Jhansi-284003 Phone: 9436053047/ 7005913391 Email: pandey.ajail@gmail.com	Member
	(ii) Dr. J.C. Tewari, Retd. Principal Scientist, CAZRI, Jodhpur (Resi: H.No.182, Prem Nagar, Kheme Ka Kaun, Pal Road, Jodhpur-342003) Phone: 09460106536 Email: drjetewari@gmail.com	Member
Action: Dean, CHF, Jhalawar		

AUK/A C- 17/2021- 01/09	<p>Approval of revision of colour of cover page of MSc./Ph.D. theses for different Faculties</p> <p>The following colours of the cover page of MSc./Ph.D. theses for different Faculties have been approved.</p> <table><tr><th rowspan="2">Faculty</th><th colspan="2">Degree Programme</th></tr><tr><th>M.Sc.</th><th>Ph.D.</th></tr><tr><td>Agriculture</td><td>Olive Green</td><td>Sky Blue</td></tr><tr><td>Horticulture</td><td>Orange</td><td>Lime Yellow</td></tr><tr><td>Forestry</td><td>Light Green</td><td>Dark Wood</td></tr></table> <p style="text-align: right;">Action: Director Education, AU, Kota</p>	Faculty	Degree Programme		M.Sc.	Ph.D.	Agriculture	Olive Green	Sky Blue	Horticulture	Orange	Lime Yellow	Forestry	Light Green	Dark Wood
Faculty	Degree Programme														
	M.Sc.	Ph.D.													
Agriculture	Olive Green	Sky Blue													
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AUK/A C- 17/2021- 01/10	<p>Approval of list of approved disciplines for PG and PhD programmes recommended by 19 BSMA Committee</p> <p>Deferred</p>														
AUK/A C- 17/2021- 01/11	<p>Approval of Common Academic Regulations for PG and PhD programmes recommended by BSMA</p> <p>Deferred</p>														
AUK/A C- 17/2021- 01/12	<p>Approval of criteria for provisional promotion/examinations in different degree programme</p> <p>As per the letter received from the Deputy Secretary (Group-III) Agriculture Department, Secretariat, Jaipur vide letter क्रमांक:-प.3(18) कृषि-3/2020 दिनांक 07.07.2021 followed by directives of Hon'ble Vice-Chancellor, Agriculture University, Kota to finalize the criteria for provisional promotion/examinations in different degree programme a meeting was held on 14.07.2021 (11.00 AM) at office of the Controller of Examinations, Agriculture University, Kota and following recommendations made by the committee were approved by Academic Council.</p> <p>Under Graduate Programme:</p> <p>1. 1st year students (Academic Year 2020-21) of all the disciplines of Agriculture/Horticulture/Forestry will be promoted in second semester (1st Year) on the basis of 50% marks of Mid-Term examination of 1st semester (1st Year) and 50% weightage of marks of 12th class. In case, Mid-term examination in any course is due, then respective Deans/Principals will ensure to complete it in due course of time.</p> <p>2. The following formula is proposed to prepare the result of 1st year 1st semester (Academic Year 2020-21):</p> <table><tr><th colspan="3">Weightage of current semester</th><th>Total</th></tr><tr><td>$\frac{\text{Marks obtained in 12th class}}{\text{Maximum Mark of 12th class}} \times 50$</td><td>+</td><td>$\frac{\text{Marks obtained in mid term examination}}{\text{Maximum Marks of mid term (20)}} \times 50$</td><td>100</td></tr></table>	Weightage of current semester			Total	$\frac{\text{Marks obtained in 12th class}}{\text{Maximum Mark of 12th class}} \times 50$	+	$\frac{\text{Marks obtained in mid term examination}}{\text{Maximum Marks of mid term (20)}} \times 50$	100						
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3. If any student fails to secure minimum passing marks (40%) by above formula, he/she may be awarded grace mark to secure minimum 40% passing marks. this shall be applicable for this semester only (AY 2020-21).
4. The 2nd and 3rd year students of Academic Year 2020-21 may be provisionally admitted in the 3rd and 4th year (AY 2021-22), respectively and their regular examination of 2nd & 3rd year (2nd Semester) will be conducted after normalization of COVID-19 Pandemic conditions.
5. The backlog examinations of Final Year students of B.Sc. (Hons) Agriculture/Horticulture/Forestry 2nd Semester (AY 2020-21) and odd semester will be conducted in offline mode from last week of July 2021 to first week of August 2021.
6. The assignment under the student READY programme/ ELP/practical modules/other records of UG final year students may be evaluated on the basis of offline/online presentation mode.

M.Sc. / Ph.D. Programme:

1. The PG/ Ph.D. student of previous year (Semester 1st) of session 2020-21 will be provisionally admitted in the next semester. However, the examination of 1st semester will be conducted after normalization of COVID-19 Pandemic conditions and result will be declared before 31st December 2021.
2. In order to timely completion of degree programme, the respective faculty Chairman will ensure timely conduction of written and oral comprehensive/ preliminary examination/ thesis writing/ thesis submission/post thesis viva/final thesis submission of final year M.Sc. and Ph.D. Students.

Others:

1. Constituent colleges of the University may open the hostel for UG final year students/ PG student during examination period following the strict protocols of COVID-19.
2. Teachers/Staff engaged in examination must be vaccinated. Invigilators and students should strictly follow the COVID-19 protocol during the examination.
3. If any student of UG/PG final year fails to appear at the final examination/oral presentation due to COVID-19 positive, he/she shall be provided another chance of examination on production of requisite certificate subject to payment of required fees.

Action: COE, AU, Kota

**AUK/A
C-
17/2021-
01/13**

Approval of the Programme Structure and Evaluation Procedure of Student READY Programme for Horticulture & Forestry

As per V Dean Committee recommendation, the details of the programme structure as well as evaluation procedure of Student READY Programme for Faculty of Horticulture & Forestry, as appended in Annexure-IV were approved.

Action: Faculty Chairman, Hort.& Forestry

AUK/A
C-
17/2021-
01/14

To constitute a committee for implementation of New Education Policy- 2020 in Agriculture University, Kota.

For the implementation of New Education Policy NEP-2020 in all constituent and affiliated colleges of Agriculture University, Kota for various UG/PG programmes following committee was approved.

1. Dr. I.B. Maurya, Dean & Faculty Chairman (Horticulture & Forestry)-Convenor
2. Dr. M.C. Jain, Dean & Faculty Chairman (Agriculture)- Member
3. Dr. Jitendra Singh, DSW, AU, Kota- Member
4. Dr. N.L. Meena, Dean, COA, Hindauli- Member
5. Dr. Virendra Singh, COE, AU, Kota-Member
6. Dr. Ashutosh Mishra, Director Education- Member Secretary

Action: Registrar, A U, Kota

AUK/A
C-
17/2021-
01/15

Approval of the Programme Structure and Evaluation Procedure of Student READY Programme for Faculty of Agriculture

As per V Dean Committee recommendations, the details of the programme structure, course title/ code as well as evaluation procedure of READY Programme for Faculty of Agriculture were approved.

VII Semester

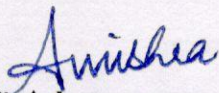
Course Code	Programme/ Course title	Duration (Weeks)	Credits	Marks
READY- 411	Rural Agricultural Work Experience and Agro-industrial Attachment (RAW & AIA) Following activities will be carried out during the VII Semester: ❖ General Orientation and On-Campus Training by different faculties ❖ Village Attachment Programme ❖ Unit Attachment Programme ❖ Plant Clinic Programme + Educational Tour ❖ Agro-Industrial Attachment* ❖ Project Report Preparation and Evaluation	20	0+20	200

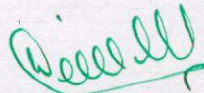
***Agro- Industrial Attachment:** The students would be attached with the Agro-Industries for a period of 3 weeks to get an experience of the industrial environment and working.

VIII Semester				
Course Code	Programme/ Course title	Duration (Weeks)	Credits	Marks
READY-421	Experiential Learning Programme First (ELP-1)	10	0+10	100
READY-422	Experiential Learning Programme Second (ELP-2)	10	0+10	100
	<p>The student will opt any two modules of (0+10) credits each (total 20 credits) from the package of modules.</p> <ul style="list-style-type: none"> ❖ Production Technology for Bioagents & Biofertilizer ❖ Seed Production and Technology ❖ Mushroom Cultivation Technology ❖ Soil, Plant, Water and Seed Testing ❖ Commercial Beekeeping ❖ Poultry Production Technology ❖ Commercial Horticulture ❖ Floriculture and Landscaping ❖ Food Processing ❖ Agriculture Waste Management ❖ Organic Production Technology ❖ Commercial Sericulture 			

Action : Faculty Chairman Agriculture, AU, Kota

After discussing the various agenda items, the remarks were invited from the co-opted members Dr. S C Bhandari, Rtd. CoE, MPUAT, Udaipur and Dr S K Sharma, Director Research, MPUAT, Udaipur.
The meeting ended after extending vote of thanks.


Dr Ashutosh Mishra
(Director Education)


Dr D. C. Joshi
(Vice Chancellor)

राजस्थान सरकार
कृषि (ग्रुप-3) विभाग

क्रमांक - 51(3)कृषि-3/2021

जयपुर, दिनांक - 07/04/2021

कुलसचिव,
कृषि विश्वविद्यालय,
कोटा।

विषय - माननीय मुख्यमंत्री महोदय के द्वारा वर्ष 2021-22 बजट घोषणा के अन्तर्गत हिण्डोली-बूंदी में कृषि महाविद्यालय खोले जाने हेतु नवीन पदों की स्वीकृति जारी करने के सम्बन्ध में।

माननीय मुख्यमंत्री महोदय की बजट घोषणा वर्ष 2021-22 के विन्दु सं 83 के क्रम में कृषि विश्वविद्यालय, कोटा के अन्तर्गत में हिण्डोली-बूंदी में कृषि महाविद्यालय खोले जाने की स्वीकृति प्रदान करते हुए उक्त महाविद्यालय के लिए 29 नवीन पद एवं 01 मशीन विद मैन की सेवाएं के गृजन पर निम्नानुसार किये जाने की राज्यपाल महोदय की स्वीकृति एतद् द्वारा प्रदान की जाती है:-

क्र. सं.	नवीन पदों का नाम	कृषि महाविद्यालय हिण्डोली-बूंदी, हेतु वित्त विभाग द्वारा स्वीकृत पद
1	अधिष्ठाता/ प्राचार्य	01
2	सह-आचार्य	02
3	सहायक आचार्य	10
4	सहायक पुस्तकालयाध्यक्ष	01
5	निजी सहायक	01
6	सहायक लेखाधिकारी-द्वितीय	01
7	अनुभागाधिकारी	01
8	लिपिक ग्रेड प्रथम (UDC)	01
9	लिपिक ग्रेड द्वितीय (LDC)	01
10	कार्म मैनेजर	01
11	प्रयोगशाला सहायक	03
12	कृषि पर्यवेक्षक	01
13	वाहन चालक*	01 (रेक्सको के माध्यम से)
14	मशीन विद मैन**	(01)
15	चतुर्थ श्रेणी कर्मचारी/ चौकीदार / प्रयोगशाला अटैण्डेंट***	04
कुल योग		29+(01)

*वाहन चालक (ट्रक्टर चालक) के पद पर सेवानिवृत्त कर्मिक/रेक्सको के माध्यम से सेवाएं प्राप्त की जा सकेंगी।

** मशीन विद मैन () की सेवाएं वित्त विभाग के समय-समय पर जारी परिपत्रों के अनुसार प्राप्त की जाएंगी।

*** चतुर्थ श्रेणी कर्म/चौकीदार/प्रयोगशाला अटैण्डेंट के पद पर सेवानिवृत्त कर्मिक/होमगार्ड की सेवाएं ली जा सकेंगी।

1. उक्त बजट घोषणा की क्रियान्विति के सन्दर्भ में नियुक्त कर्मिकों के वेतन भत्तों एवं कार्यालय व्यय हेतु आवश्यक राशि विश्वविद्यालय को वर्तमान में राज्यनिधि मद के अंतर्गत उपलब्ध प्राप्तावसान से किये जाने पर सहमति इस आशय के साथ प्रदान की जाती है कि इस सम्बन्ध में वास्तविकता राशि की मांग संशोधित बजट अनुमान वर्ष 2021-22 के वर्षा समय की जावे।

2. (i) उक्त महाविद्यालय के भवन निर्माण हेतु भूमि आवंटन के उपरान्त राशि रु. 600.00 लाख की सीमा में प्रस्ताव तैयार कर राशि आवंटन का प्रस्ताव प्रेषित करावे।

(ii) विश्वविद्यालय के द्वारा स्वीकृत नवीन पदों पर भर्ती विश्वविद्यालय के सेवा नियमों/आईसीएआर नियमों के अनुसार कर्मिक विभाग द्वारा समय-समय पर जारी उपपत्रों के माध्यम से सेवाएं ली जा सकेंगी। जब तक नियमित सेवा से

पद नहीं भरे जाते, तब तक के लिए महाविद्यालय प्रारम्भ करने के लिए विद्यमान दिशा-निर्देशों/नियमों की पालना करते हुये शैक्षणिक पदों को गेस्ट फेकल्टी/यूटीवी बेसिस पर भरा जा सकेगा एवं अशैक्षणिक पदों पर सेवायें सेवानिवृत्त कार्मिक/आउट सोर्सिंग एजेंसी के माध्यम से प्राप्त की जा सकेंगी। उक्त का व्यय सम्बंधित विश्वविद्यालय को आवंटित राशि के अंतर्गत किया जा सकेगा।

- (iii) न्यूनतम आवश्यकतानुसार उपकरण एवं फर्नीचर का क्रय सक्षम स्तर से अनुमोदन उपरान्त विश्वविद्यालय को आवंटित 12-सहायतार्थ अनुदान (गैर संवेतन) मद में आवंटित राशि से किया जा सकेगा। यह व्यय राशि सम्बंधित विश्वविद्यालय को संशोधित अनुमानों के यथासमय अतिरिक्त रूप से जारी कर दी जावेगी।
- (iv) जब तक महाविद्यालय भवन का निर्माण पूर्ण नहीं हो जाता है, तक वैकल्पिक रूप से महाविद्यालय प्रारम्भ करने हेतु विश्वविद्यालय के स्तर से आवश्यक कार्यावाही की जावे। आवश्यक होने पर रिक्त राजकीय भवन आवंटित कराकर और आवंटित नहीं होने की स्थिति में किराया का भवन सार्वजनिक निर्माण विभाग द्वारा निर्धारित किराये पर लिया जाकर महाविद्यालय प्रारम्भ किया जा सकेगा।

यह स्वीकृति वित्त(व्यय-1) विभाग की आई.डी. संख्या 102101334 दिनांक 30.03.2021 से प्राप्त सहमति के अनुसरण में जारी की जाती है।

भवदीय,

(प्रहलाद कुमार मीना)
शासन उप सचिव

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यावाही हेतु प्रेषित है:-

1. प्रमुख सचिव, मुख्यमंत्री महोदय, राजस्थान जयपुर।
2. विशिष्ट सहायक, माननीय कृषि मंत्री राजस्थान जयपुर।
3. निजी सचिव, प्रमुख शासन सचिव, कृषि।
4. संयुक्त शासन सचिव, वित्त (व्यय-1) विभाग।
5. निदेशक वित्त (बजट) विभाग।
6. विशेषाधिकारी आयोजना (गुप-4) विभाग।
7. वित्त नियंत्रक, कृषि विश्वविद्यालय, कोटा।
8. रक्षित पत्रावली।

शासन उप सचिव

**COLLEGE OF AGRICULTURE, UMMEDGANJ-KOTA
(Agriculture University, Kota)**



**PROCEEDINGS
3rd Meeting of Board of Studies
for
Faculty of Agriculture, AU, Kota**

**Held on: 10th February, 2021
at Meeting Hall, AU, Kota**

COLLEGE OF AGRICULTURE, UMMEDGANJ-KOTA
(Agriculture University, Kota)

Proceedings of 3rd Meeting of Board of Studies for Faculty of Agriculture

The 3rd Meeting of Board of Studies for Faculty of Agriculture, AU, Kota was held on 10.02.2021 at 11.30 am in meeting hall of Agriculture University, Kota in the gentle presence of Chief Guest Prof. D.C. Joshi, Hon'ble Vice Chancellor, Agriculture University, Kota. The following members were present in the meeting.

S. No.	Name of Head/Incharge	Status
1.	Prof. D. C. Joshi, HVC, AU, Kota	Chief Guest
2.	Dr. M. C. Jain, Dean & Head (Horticulture)	Ex-officio Chairman
3.	Dr. Y.M. Shukla, Principal, BA, College, AAU, Anand	External Member
4.	Dr. S.S. Yadav, Dean, COA, Lalsot	External Member
5.	Dr. I.B. Maurya, Dean, CH&F, Jhalawar	Member
6.	Dr. Jitendra Singh, Director Student Welfare	Member
7.	Dr. S.K. Jain, Director Extension Education	Member
8.	Dr. Ashutosh Mishra, Director Education	Member
9.	Dr. Mahendra Singh, Professor (Animal Science)	Member
10.	Dr. Baldev Ram, Associate Prof. (Agronomy)	Member
11.	Dr. C.B. Meena, Asstt. Prof. & Incharge (Plant Patho)	Member
12.	Dr. M.K. Sharma, Asstt. Prof. & Incharge (Soil Sci.)	Member
13.	Dr. L. K. Dashora, Prof. Emeritus	Invitee
14.	Dr. B. L. Dhaka, Asstt. Prof. & Incharge (Extension Education)	Invitee
15.	Dr. H. P. Meghwal, Assistant Prof. & Incharge (Entomology)	Invitee
16.	Er. I. N. Mathur, Assistant Prof. & Incharge (Agriculture Engg.)	Invitee
17.	Dr. Lokesh Kr. Meena, Asstt. Prof. & Incharge (Ag. Economics)	Invitee
18.	Mrs. Yamini Tak, Assistant Prof. & Incharge (Bio Chem.)	Invitee
19.	Dr. Arvind Rajpurohit, Principal MBBD, Siswali	Invitee
20.	Dr. Indrahari Sharma, Assoc. Prof., SCRS Govt. PG College SWM	Invitee
21.	Dr. S. C. Sharma, Associate Prof. (GPB)	Member Secretary

Dr. Virendra Singh, COE, couldn't attend the meeting due to preoccupied assignments.

However, External members namely Dr. Y.M. Shukla, Principal BA College, AAU, Anand and Dr. S.S. Yadav, Dean, COA, Lalsot attended the meeting through online mode.

The meeting was started with playing of University Kulgeet. Dr. M.C. Jain, Dean and faculty Chairman welcomed Dr. D. C. Joshi, Hon'ble Vice Chancellor and chief guest of meeting as well as both the esteemed new external members and other members present in the house. He highlighted about the action taken on various agendas resolved in second BOS meeting and various programmes offered by constituent and affiliated colleges of AU Kota under faculty of Agriculture. Further the agenda items of this meeting were discussed one by one at length and resolved as per followings-

AGENDA ITEM No.	Particular																																																												
COA/BOS-III/2020/01:	<p>Confirmation of the minutes and action taken report of the second meeting of board of studies held on 30.12.2019.</p> <p>Accordingly, the notifications were issued.</p> <p>1. The minutes and Action Taken report of the Second Board of Studies for faculty of Agriculture held on 30.12.2019 were confirmed and approved by the house.</p> <p>Resolved to confirm</p>																																																												
COA/BOS-III/2020/02:	<p>To review the modifications/changes made in content of syllabus for B.Sc. (Hons.) Ag. / M.Sc. (Ag.)/Ph.D. programmes by courses committees of respective departments. (Annexure-I)</p> <p>After thorough discussion on this issue the modifications suggested by courses committee of respective departments in the syllabus of B.Sc. /M.Sc. /Ph.D. programme was approved as enclosed.</p> <p>Resolved and proposed to put up in academic council for final approval</p> <p style="text-align: right;">Action: Dean, COA, Kota</p>																																																												
COA/BOS-III/2020/03:	<p>Restructuring the courses committees of different departments.</p> <p>The courses committees of different departments constituted in the first meeting of Board of Studies are required to be reconstituted on completion of tenure of two years and other reasons as per following details:</p> <p>1. Department of Horticulture</p> <table><tr><th>S. N.</th><th>Name & Address</th><th>Status</th></tr><tr><td>1.</td><td>Dr. M.C. Jain, Professor & Head</td><td>Convenor</td></tr><tr><td>2.</td><td>Dr. P. K. Yadav, Professor, SKRAU, Bikaner</td><td>External Member</td></tr><tr><td>3.</td><td>Dr. L. K. Dashora, Ex. Dean, AU, Kota</td><td>External Member</td></tr><tr><td>4.</td><td>Dr. Rakesh Kumar Yadav, Assistant Professor</td><td>Member Secretary</td></tr></table> <p>2. Department of G&PB</p> <table><tr><th>S. N.</th><th>Name & Address</th><th>Status</th></tr><tr><td>1.</td><td>Dr. S.C. Sharma, Associate Prof.& Head</td><td>Convenor</td></tr><tr><td>2.</td><td>Dr. A. K. Sharma, Professor, SKRAU, Bikaner</td><td>External Member</td></tr><tr><td>3.</td><td>Dr. Abhay Dashora, Asstt. Prof., RCA, MPUAT, Udaipur</td><td>External Member</td></tr><tr><td>4.</td><td>Dr. N. R. Koli, Associate Prof.</td><td>Member Secretary</td></tr></table> <p>3. Department of Entomology</p> <table><tr><th>S. N.</th><th>Name & Address</th><th>Status</th></tr><tr><td>1.</td><td>Head/Incharge</td><td>Convenor</td></tr><tr><td>2.</td><td>Dr. R. Swaminathan, Ex. Professor, RCA, Udaipur</td><td>External Member</td></tr><tr><td>3.</td><td>Dr. Veer Singh, Professor, SKRAU, Bikaner</td><td>External Member</td></tr><tr><td>4.</td><td>Dr. H. P. Meghwal, Assistant Professor</td><td>Member Secretary</td></tr></table> <p>4. Department of Plant Pathology</p> <table><tr><th>S. N.</th><th>Name & Address</th><th>Status</th></tr><tr><td>1.</td><td>Dr. C.B. Meena, Assistant Professor Head/Incharge</td><td>Convenor</td></tr><tr><td>2.</td><td>Dr. Amit Trivedi, Professor, RCA, Udaipur</td><td>External Member</td></tr><tr><td>3.</td><td>Dr. M.L. Meena, Associate Professor, COA, Lalsot</td><td>External Member</td></tr><tr><td>4.</td><td>Sh. Chirag Gautam, Assistant Professor,</td><td>Member Secretary</td></tr></table>	S. N.	Name & Address	Status	1.	Dr. M.C. Jain, Professor & Head	Convenor	2.	Dr. P. K. Yadav, Professor, SKRAU, Bikaner	External Member	3.	Dr. L. K. Dashora, Ex. Dean, AU, Kota	External Member	4.	Dr. Rakesh Kumar Yadav, Assistant Professor	Member Secretary	S. N.	Name & Address	Status	1.	Dr. S.C. Sharma, Associate Prof.& Head	Convenor	2.	Dr. A. K. Sharma, Professor, SKRAU, Bikaner	External Member	3.	Dr. Abhay Dashora, Asstt. Prof., RCA, MPUAT, Udaipur	External Member	4.	Dr. N. R. Koli, Associate Prof.	Member Secretary	S. N.	Name & Address	Status	1.	Head/Incharge	Convenor	2.	Dr. R. Swaminathan, Ex. Professor, RCA, Udaipur	External Member	3.	Dr. Veer Singh, Professor, SKRAU, Bikaner	External Member	4.	Dr. H. P. Meghwal, Assistant Professor	Member Secretary	S. N.	Name & Address	Status	1.	Dr. C.B. Meena, Assistant Professor Head/Incharge	Convenor	2.	Dr. Amit Trivedi, Professor, RCA, Udaipur	External Member	3.	Dr. M.L. Meena, Associate Professor, COA, Lalsot	External Member	4.	Sh. Chirag Gautam, Assistant Professor,	Member Secretary
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5. Department of Soil Science

S. N.	Name & Address	Status
1.	Dr. M.K. Sharma, Assistant Professor Head/Incharge	Convenor
2.	Dr. Yogesh Sharma, Professor, SKRAU, Bikaner	External member
3.	Dr. V.R. Bhatt, Ex. Prof & HOD, AAU, Anand	External Member
4.	Sh. Vinod Kumar Yadav, Assistant Professor	Member Secretary

6. Department of Agronomy

S. N.	Name & Address	Status
1.	Dr. Baldev Ram, Associate Professor & Head	Convenor
2.	Dr. S. K. Thakral, Professor HAU, Hisar	External member
3.	Dr. Narendra Pareek, Assistant Prof., COA, Bikaner	External Member
4.	Dr. B. S. Meena, Assistant Professor	Member Secretary

7. Department of Biochemistry & Crop Physiology

S. N.	Name & Address	Status
1.	Head/Incharge	Convenor
2.	Dr. Sunita Gupta, Professor, SKNAU, Jobner	External member
3.	Dr. N. K. Garg, Assistant Professor, RARI, Durgapura	External Member
4.	Mrs. Yamini Tak, Assistant Professor	Member Secretary

8. Department of Animal Science

S. N.	Name & Address	Status
1.	Dr. Mahendra Singh, Professor, KVK, Kota	Convenor
2.	Dr. R.K. Nagda, Professor College of Veterinary & Animal Science Vallabh Nagar, Udaipur	External Member
3.	Dr. Mahesh Dutt Sharma, Professor SKNCOA Jobner	External Member
4.	Dr. Ghanshyam Meena, Assistant Professor	Member Secretary

9. Department of Agricultural Economics

S. N.	Name & Address	Status
1.	Head/Incharge	Convenor
2.	Dr. S.S. Burdak, Ex. Professor, MPUAT, Udaipur	External Member
3.	Dr. Vikram Yogi, Assistant Prof., COA, Bikaner	External Member
4.	Dr. Lokesh Meena, Asstt. Prof.	Member Secretary

10. Department of Basic Science & Humanities (Statistics, Mathematics, Computer Science and English)

S. N.	Name & Address	Status
1.	Head/Incharge	Convenor
2.	Dr. V. K. Jain, STO, ICAR-IISWC, RC, Kota	External Member
3.	Dr. Nidhi Bhatnagar, Asstt. Prof., English, Govt. Engineering College, Jhalawar	External member
4.	Dr. Lokesh Meena, Asstt. Professor	Member Secretary

11. Department of Agriculture Extension & Communication

S. N.	Name & Address	Status
1.	Dr. B. L. Dhaka, Assistant Professor Head/Incharge	Convenor
2.	Dr. Chitra Henry, Retd. Professor, SKRAU, Bikaner	External Member
3.	Dr. I.M. Khan, Prof. & DSW, SKNAU, Jobner	External Member
4.	Dr. Kirti, Asstt. Prof.	Member Secretary

12. Department of Agricultural Engineering

S. N.	Name & Address	Status
1.	Head/Incharge	Convenor
2.	Dr. Shakir Ali, Principal Scientist, IISWC, Kota	External Member
3.	Dr. R.C. Purohit, Retd. Professor, MPUAT, Udaipur	External member
4.	Dr. C.K. Arya Assistant Professor (CH&F, Jhalawar)	Member Secretary

Resolved and proposed to put up in academic council for final approval

COA/BOS-
III/2020/04:

Proposal for reduction in time of semester end theory examinations of UG classes from 3.0 Hrs. to 2 Hrs.30 min. and revised format of the question paper accordingly.

University examination rules number 7.4.1.3 the duration of theory examinations of UG classes are specified as three hrs. However, practically it is observed that the duration of 3.0 hrs. is more than sufficient looking to pattern and content of examination paper. The same issue has also been raised by both the affiliated colleges. Therefore, it was proposed to reduce the time of semester end theory examination from 3.0 hrs to 2.30 hrs. The same time schedule is observing at AU, Jodhpur, SKRAU, Bikaner and SKNAU, Jobner. Further question paper may also be revised as per given format.

S. No.	Present Pattern of question paper	Proposed Pattern
Q. 1	(A) Fill in the blanks (10x0.5=5.0) (B) Multiple Choice(10x0.5=5.0)	As such As such
Q. 2	Define/explain any ten out of thirteen (10x1.0=10.0)	As such
Q. 3	Short answered question any five out of eight (5x2=10)	As such
Q. 4	(A) Attempt any one question out of two (1x6=6) (B) Attempt any two question out of three (2x7=14)	Attempt any two questions out of three (2x10=20)

Resolved & approved by the house and suggested to put up in the forthcoming Academic Council Meeting

COA/BOS-
III/2020/05:

Proposal for deciding the duration of written comprehensive /preliminary examination of Masters/Ph.D. programmes.

Written Comprehensive & Preliminary examinations of major and minor courses offered for masters and Ph.D. degree programme are conducted as part of course curriculum, respectively. So far duration to conduct this exam is not approved and hence, not mentioned in PG rules and regulations. However, three hrs duration is adopted in the said examinations. Therefore, to remove any ambiguity it was proposed three hours duration to conduct the written comprehensive examination for both the degree programme separately for major and minor courses.

Resolved & approved by the house and proposed to put up in Academic Council Meeting

COA/BOS-
III/2020/06

Approval of following UG courses along with credit hrs. as per 5th Dean's Committee of ICAR.

The faculty of Agriculture was started since 2018 in this university and the UG & PG courses are offering by borrowing from SKNAU, Jobner after getting approval from Academic Council of AU, Kota. In these courses, following courses are not offering as per ICAR 5th Dean's Committees recommendations in UG programme. Therefore, it is proposed to adopt the following courses along with title, syllabus and credit hours as per recommendation of 5th Dean's Committee of ICAR in all constituent and affiliated colleges of AU, Kota under faculty of Agriculture from academic session 2021-22.

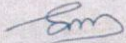
S. No.	Courses offered at present		Proposed as per ICAR 5 th Dean Committee	
	Title of the course	Credit Hrs	Title of the course	Credit Hrs
1.	PPATH-121-Fundamental of Plant Pathology	3 (2+1)	PPATH-121-Fundamental of Plant Pathology	4 (3+1)
2.	PPATH-311: Epidemiology and Integrated Disease Management	2 (1+1)	PPATH-311: Principal of integrated pest and diseases management	3 (2+1)
3.	AGENGG-121 Introductory Soil and Water Conservation Engineering	2 (1+1)	AGENGG-121 Soil and Water Conservation Engineering	2 (1+1)
4.	ENTO-121 Fundamentals of Entomology	3 (2+1)	ENTO-121 Fundamentals of Entomology	4 (3+1)
5.	AGRON-121 Introductory Agro-meteorology & Climate Change (offered in II sem.)	2 (1+1)	offered in IV Sem. by ICAR	2 (1+1)
6.	AGRON-211 Crop Production Technology - I (Kharif Crops)	3 (2+1)	AGRON-211 Crop Production Technology - I (Kharif Crops)	2 (1+1)
7.	ESDM-211 Environmental Studies and Disaster Management	3 (3+0)	ESDM-211 Environmental Studies and Disaster Management	3 (2+1)
8.	AGRON-221 Crop Production Technology - II (Rabi Crops)	3 (2+1)	AGRON-221 Crop Production Technology - II (Rabi Crops)	2 (1+1)
9.	SSAC-221 Problematic Soils and their Management	2 (1+1)	SSAC-221 Problematic Soils and their Management	2 (2+0)
10.	ENTO-221 Insect Ecology and Principles of Integrated Pest Management (offered in IV Sem.)	2 (1+1)	Not offered by ICAR	-
11.	ENTO-311 Pests of Crops and Stored Grains and their management	4 (3+1)	ENTO-311 Pests of Crops and Stored Grains and their management	3 (2+1)
12.	AGRON-312 Practical Crop Production-I (Kharif crops)	1 (0+1)	AGRON-312 Practical Crop Production-I (Kharif crops)	2 (0+2)
13.	AGRON-322 Practical Crop Production-II (Rabi crops)	1 (0+1)	AGRON-322 Practical Crop Production-II (Rabi crops)	2 (0+2)
TOTAL Credit		31		31

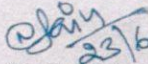
Resolved and proposed to put up in academic council for final approval

After thorough discussion on the above agendas, Chief guest of the meeting Prof. D.C. Joshi, HVC, Agriculture University, Kota addressed the house, and in his blessings, he expressed that teaching is a fashion and having prime importance in any of the university, therefore academic decision should be taken on the basis of current trends of education and its applicability to produce skill oriented human resources. Further in his views, he showed confidence for the development of college in coming time looking to the irrigation facilities and other resources available in this zone.

The external member Dr. Y.M. Shukla, Principal BA College, AAU, Anand congratulated to the team of College of Agriculture, Ummedganj-Kota for systematic endeavours in area of academic development in Agriculture Education. Dr. S.S. Yadav, Dean, COA, Lalsot also showed gratitude towards college and Agriculture University, Kota for very rapid growth and efforts made towards various Agricultural Education programmes. Both the esteem external members also assured their benevolent cooperation in future for the improvement of COA, Kota.

The meeting was ended with vote of thanks to the Chair and all members by Dr. S.C. Sharma, Associate Professor and Head (GPB) and Member Secretary of this Board.


(S.C. Sharma)
Member Secretary


(M. C. Jain)
Dean & Chairman

PROCEEDINGS
8th Meeting of Board of Studies
(Faculty of Horticulture and Forestry)
(Agriculture University, Kota)



Date: 12.03.2021

Time: 10.30 a.m.

Venue: Meeting Hall, CHF, Jhalawar

College of Horticulture and Forestry, Jhalawar

Minutes of 8th Board of Studies

The 8th meeting of board of Studies was held on 12th March 2021 at 10.30 AM in Conference Hall, CHF, Jhalawar under the Chairmanship of Dean, CHF, Jhalawar, Agriculture University, Kota.

The following were present:

S.No.	Name	Designation	
1.	Dr. I.B. Maurya	Dean, College of Horticulture and Forestry, Jhalawar	Chairman of the faculty
2.	Dr. S.K. Sharma	Dean, KSGA, COA, Sitamaour, HP	Vice-Chancellor nominee-External member
3.	Dr. Anil Negi	Scientist , ICFRE, Dehradun	Vice-Chancellor nominee-External member
4.	Dr. Baldev Ram	Associate Professor, ARS, Kota	Vice-Chancellor nominee-Member
5.	Dr. Ashutosh Mishra	Director Extension Education, AU, Kota	Ex-Officio Member
6.	Dr. Jitendra Singh	Director, Students Welfare, AU, Kota	Ex-Officio Member
7.	Dr. I.B. Maurya	Prof. & Head, Deptt. of Vegetable Science, CHF, Jhalawar	Member
8.	Dr. Jitendra Singh	Prof. & Head, Deptt. of Fruit Science, CHF, Jhalawar	Member
9.	Dr. Ashutosh Mishra	Prof. & Head, Deptt. of Floriculture and Landscape Architecture	Member
10.	Dr. S.K. Jain	Prof. & Head, Deptt. of Post Harvest Technology, CHF, Jhalawar	Member
11.	Dr. P.S. Chauhan	Head, Deptt. of Forest Biology and Tree Improvement, CHF, Jhalawar	Member
12.	Dr. S.B.S. Pandey	Head, Deptt. of Silviculture and Agroforestry, CHF, Jhalawar	Member
13.	Dr. M.C. Jain	Dean, College of Agriculture, Ummedganj, Kota	Invitee
14.	Dr. C.K. Arya	Asstt. Professor and Incharge, NRM, CHF, Jhalawar	Invitee
15.	Dr. Ashok Kumar	Asstt. Professor and Incharge,	Member

		Basic Sciences, CHF, Jhalawar	
16.	Dr. S.K. Jat	Asstt. Professor and Incharge, Plant Protection, CHF, Jhalawar	Member
17.	Dr. Anchal Sharma	Asstt. Professor and Incharge, Wildlife Management, CHF, Jhalawar	Member
18.	Dr. Priyanka Solanki	Asstt. Professor and Incharge, Social Science, CHF, Jhalawar	Member

Dr. Virendra Singh, COE, AU, Kota and Dr. K.N. Ojha, Ex-Professor and Internal member (VC nominee) could not attend the meeting due to preoccupied assignment. Dr. S.K. Sharma, Dean, KSGA, COA, Sitamaour, HP and Dr. Anil Negi, Scientist E, ICFRE, Dehradun attended the meeting online due to covid-19 pandemic situation.

At the outset, Dean, CHF, Jhalawar extended his heartiest welcome to all members at the Board of Studies and presented agenda items one by one and discussed the matter. The detailed outcome of the meeting is furnished as under:

Agenda item No.	Particular
CHF/BOS-8/2021/01	<i>To confirm the minutes and action taken reports of the 7th Board of Studies meeting held on 08.01.2020</i> Resolved to confirm , the minutes of 7 th Board of Studies held on 08.01.2020
CHF/BOS-7/2020-01/01 (ATR)	<i>To report action taken on the minutes of 7th Board of Studies meeting held on 8th January 2020</i> Resolved to approve , the action taken report of 7 th Board of Studies meeting held on 8 th January 2020
CHF/BOS-8/2021/02	<i>To review the modifications/changes made in content of syllabus for UG/PG/Ph.D. programmes by courses committees of respective Departments.</i> As per the directives of Hon'ble Governor of Rajasthan syllabus/curriculum of all the courses of B.Sc./M.Sc./Ph.D. programmes offering under faculty of Horticulture and Forestry was to be revised every year as per guidelines of ICAR and as per specific needs of the state. Therefore, modifications made in syllabus/curriculum of different subjects by courses committees of respective Departments are presented here for further review and approval. Resolve to approve , the minutes of courses committee of different Departments with respect to modifications/ alterations/ substitution, as the case may be, is outlined herewith: 1. In the Department of Fruit science in Ph.D. programme, the minor

and supporting courses viz., FORT-524 (Medicinal and Aromatic Plants), FORT-531 (Agroforestry Systems and Practices), FORT-532 (Watershed Management), FORT-536 (Remote Sensing and Geographic Information System), PHT-521 (Analytical Techniques for Fresh and Processed Horticultural Produce) and FLS-535 (Protected Floriculture) of other departments have been changed with suitable courses of same departments as they are not running now in respective departments. These replaced courses are FPU-526 (Biotechnological Approaches and Agrotechniques for MAP species), SAF-527 (Agroforestry Systems), NRM-512 (Land Use and Watershed Management), NRM-531 (Remote Sensing and Geographic Information System), PHT-532 (Analytical Techniques for Fresh and Processed Horticultural Produce) and FLS-532 (Protected Floriculture). The course content of replaced courses is annexed herewith. The committee approved **lime color** for the cover page of Ph.D. thesis.

2. In UG course of the Department of Vegetable Science, the substitution of term/ "Tropical and Sub- tropical Vegetable Crops" with "Summer Vegetable Crops" in course VEG-121 (Summer Vegetable Crops) and "Cool season Vegetable Crops" with "Winter Vegetable Crops" in VEG-211 (Winter Vegetable Crops) and "Exotic vegetables" with "Tuber and Spice Crops" in theory part of course VEG-322 (Seed Production of Vegetable, Tuber and Spice Crops) are proposed. Besides, the topic "Physiological disorder" in theory part of VEG-121 (Summer Vegetable Crops) is added and topic "Calculation of Rate of Air Exchange in an active Winter Cooling System" in practical of course VEG-212 (Precision Farming and Protected Cultivation) is deleted due to repetition. In PG courses, the vegetable "cluster bean" in Unit-II in VEG-511 (Production Technology of Warm Season Vegetable Crops), Mogri in Unit-II, Moringa in Unit-III and Kachri in Unit-V in course VEG-533 (Production Technology of Under-Exploited Vegetable Crops) are added. Further, the topic "Modern Nursery Concept" and "Role of PGRs" in theory of course VEG-521 (Production Technology of Cool Season Vegetable Crops) are added. Similarly, in VEG-523 (Breeding of Vegetable Crops) the topic "Pollination Technique and Basis of Heterosis" and vegetable "Cowpea" in Unit-III, Cucumber in Unit-IV and Onion and Garlic in Unit-VI in theory part are added.
3. In the Department of Floriculture & Landscape Architecture, the code of all the courses running at UG and PG level named as **FLS** be changed as **FLA** and revised course code and semester wise distribution.
4. In the Department of Post Harvest Technology, the topic "Smart Packaging" in theory part of PHT-311 and topic "Minimal Processing" in theory and practical part in course PHT-321 are

included. In PG Programme, the topic “holding” after pulsing and another topic “smart packaging” before grape guard packaging in theory part of course PHT-522; topic “preservation by non-thermal processing like minimal processing” in theory and practical part of course PHT-511 and topic “Aseptic processing and packaging” in theory part of course PHT-531 are included. In the course PHT-532, topic “Estimation of phenolic compounds and pigments” is added in theory and practical while topic “Determination of relative water content (RWC), Importance of ethylene and plant pigments and their role in human nutrition” are deleted from theory part.

5. In the Department of Silviculture and Agroforestry, two courses namely SAF-523 and SAF-528 from list of major courses have been shifted to minor courses. Further, one course i.e. FPU-526 (Biotechnological Approaches and Agro techniques for MAP Species) is added as Minor Course.
6. In the Department of FBTI, under UG programme, family “Caesalpiniaceae” is added in Course FBT-111 (Dendrology) while family “Fabaceae” and “Mimosaceae” are shifted from minor to major description of theory part. The family “Graminae” renamed as “Poaceae” (New name of the Family) in theory part. In Practical part, family “Caesalpiniaceae” is added, seeing the local need. In PG programme, two course viz., FBT-522 and FBT-532 have been shifted from Major to Minor courses.
7. In the Department of Forest Products and Utilization, in course FPU-223 (Forest Tribology and Anthropology), content topic has been changed from “Tribes in India and Kerela” to “Tribes in India and Rajasthan”. In course FPU-321 (Non Timber Forest Products), the course (theory and practical) has been replaced according to ICAR Vth Dean’s Committee Report. In course FPU-322 (Marketing and Certification of Forest Produce), the course nomenclature has been changed to “Certification of Forest Products” and its theory and practical course outline has been suggested to be as per the ICAR V Dean’s Committee report. The cr.hrs. of this course accordingly change from (2+1) to (2+0). The course code for Seminar has been changed to FPU-541 instead of FPU-591 and course code for comprehensive has also been changed to FPU-591 instead of FPU-541.
8. In the Department of Wildlife Management, the topic “Distribution of important Indian mammals” be changed to “General classification of Indian Mammals” in course WLS-121 (Wildlife Biology) while in WLS-221 (Ornithology & Herpetology) topic “General classification of Birds, Amphibians and Reptiles” are included. Further, the course WLS -524 (Ethology of Wild Animals) has been shifted from major to minor course with course code WLS-536.

9. In the Department of Plant Protection, in course PPR-212 (Fundamentals of Entomology), in Practical part, there is addition of topic "Identification of insect orders of agri-importance"; deletion of topic "Dissection of caterpillar" and "Dissection of cockroach", Replacement of topic "Observation on metamorphosis of larvae & pupae" with "metamorphosis of larvae & pupae" and "Study on morphology of grasshopper or cockroach" with "Study of internal anatomy and systems of grasshopper or cockroach". In Course PPR-221 (Insect Pests of Vegetable, Ornamental and spices Crops), in Practical part, there is addition of topic "Insecticides and their formulations"; "Pesticide appliances and their maintenance"; "Calculations on the doses of insecticides and application techniques"; "Safety measures in using pesticide formulations" and "Waiting periods of insecticides". In Course PPR-222 (Diseases of Fruit, Plantation, Medicinal and Aromatic Crops), and in Course PPR-312 (Diseases of Vegetable, Ornamental and Spice Crops), the topic "Exercise on Collection and Preservation of Diseased specimens" is added in practical part of both the courses.
10. In the Department of Natural Resource Management, NRM-113 (Fundamentals of Geology and Soils), addition of topic "Determination of soil moisture by using different methods" in practical art. NRM-121 (Soil Fertility and Nutrient Management), addition of topic "beneficial plant nutrient elements. Maximum yield concept". NRM-122 (Water Mgt in Horticultural Crops) addition of topic "Water budgeting" in practical part. NRM-212 (Forest Survey & Engineering) addition of topic "leveling by using dumpy level" in practical part. NRM-221 (Soil, Water and Plant Analysis) Estimation of available N, P and K in soil and plant. Determination of Ca and Mg in irrigation water in practical part. NRM-314 (Forest hydrology and watershed Management), Addition of topic "Climate smart rain water harvesting technology" in theory part. NRM 321 (Organic Farming) addition of topic "Preparation methodology of Indore, Banglore and NADEP, vermicompost, Neem extract for pest management, production technology of various indigenous organic inputs such Panchgabya, Jivamrut, Bijamrut, Neemastra, Brahmastra and Agneyastra for soil nutrition, seed treatment and plant protection, Comparative studies of biological products with respect to efficiency " in practical part.
11. In the courses of Department of Basic Science, in course BAS-111, the topic "Analysis of factorial experiments up to 3 factors, split plot design, strip plot design, long term experiments, plot size" are deleted. Topic "ISSR marker and PCR techniques and its application in crop improvement" is added in theory part of courses BAS-212 and BAS -411.

01/03

College

The name of the members of the courses committee of various Departments are given as under:

S.No	Name & Address	Members
1.	Department of Fruit Science	
	Dr. Jitendra Singh, Professor & Head, CHF, Jhalawar	Convener
	Dr. Deepa Hansraj, Professor, BSBAU, Lucknow- 226025 (UP). Mob: 9452290810 ; Email: deepahansraj1999@gmail.com	External Member
	Dr. Harminder Singh, Professor, COA, PAU, Ludhiana -141004 Punjab Mob; 8146444554; Email: hodhort@pau.edu	External Member
	Dr. Prerak Bhatnagar, Asstt. Prof., CHF, Jhalawar	Internal Member
2.	Department of Vegetable Science	
	Dr. I. B. Maurya, Prof &Head, CHF, Jhalawar	Convener
	Dr. Shridhar, Principal Scientist, IARI, New Delhi Mob:9873357632; Email:shridhar60@hotmail.com	External Member
	Prof. A. K. Soni, Professor, SKN College of Agriculture, Jobner- Rajasthan Mob:9414517534; Email: aksoni.horti@sknau.ac.in	External Member
	Dr. Kavita A., Assistant Professor, CHF, Jhalawar	Internal Member
3.	Department of Floriculture and Landscape Architecture	
	Dr. Ashutosh Mishra, Prof &Head, CHF, Jhalawar	Convener
	Dr. Ajay Kumar Tiwari, Principal Scientist, IARI, New Delhi Mob: 8317004388 ; Email: drajaitiwari@gmail.com	External Member
	Dr. Gaurav Sharma, Associate Professor, CHF, Jhansi- (UP). Mob: 9826718402 ; Email: gauravhort@gmail.com	External Member
4.	Department of Post Harvest Technology	
	Dr. S. K. Jain, Prof &Head, CHF, Jhalawar	Convener
	Dr. Sanjay Pathak, Prof & Head (PHT), NDUAT, Ayodhya (UP) Mob: 9415720124 ;	External Member


		Email:sanjay.pathakhort@gmail.com	
		Dr. Shailendra Dwivedi, Asstt. Prof. (PHT), CoH, Mansaur -458001(MP). Mob: 8959025045 ; Email:shailendra.pht@gmail.com	External Member
		Sh. Nirmal K. Meena, Asstt. Prof., CHF, Jhalawar	Internal Member
		5. Department of Forest Biology and Tree Improvement	
		Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
		Dr. S.K. Jha, Associate Professor & Head, Deptt. of FBTI, College of Forestry, Navsari Agri. Uni., Navsari-396450 (Guj.) Mob: 9725018790 ; Email: sumanjha@nau.in	External Member
		Dr. I.D. Arya, Scientist G & Head, FBTI, AFRI, Jodhpur Mob: 9460745663 ; Email:aryaid@icfre.org	External Member
		Mrs. Neeta P., Asstt. Prof., CHF, Jhalawar	Internal Member
	6. Department of Silviculture and Agroforestry		
		Dr. S.B.S. Pandey, Associate Prof &Head, CHF, Jhalawar	Convener
		Dr. J.C. Tewari, Retd. Principal Scientist, H.No-182, Prem Nagar, Pal Road, Jodhpur- 342003 (Raj.). Mob: 9460106536; Email: drjctewari@gmail.com	External Member
		Prof. Manmohan Dobriyal J.R., CHF, RLBCAU, Jhansi. Mob: 9408851285; Email: manmohandobriyal@yahoo.com	External Member
		Dr. Prahlad V.C., Assistant Professor, CHF, Jhalawar	Internal Member
		7. Department of Forest Products and Utilization	
		Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
		Dr. Amol Vasisht, Assoc. Prof. & Head, Tehri Garhwal, UK Mob: 9413007208, Email: vasishtamol@gmail.com	External Member
		Prof. B.S. Chauhan, Deptt. of Forestry & Natural Resources, HNB Gharwal University, Srinagar Gharwal (UK) Mob:7500280692, Email: dschauhan2008@gmail.com	External Member
		Dr. Kanica Chauhan, Asstt. Prof. &	Member

	Incharge, CHF, Jhalawar	Secretary
8. Department of Wildlife Management		
	Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
	Dr. Arti Prasad, Head, Deptt. of Zoology , MLSU, Udaipur Mob: 9001392724; Email: artimlsu@yahoo.co.in	External Member
	Dr. Fatima Sultana, Associate Prof. Kota University, Kota Mob: 9413405786 ; Email: jdbfatimasultana@gmail.com	External Member
	Dr. Anchal Sharma, Asstt. Prof & Incharge, CHF, Jhalawar	Member Secretary
9. Department of Plant Protection		
	Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
	Dr. B.L. Jat, Prof. & Head, SKN COA, Jodhpur, Rajasthan Mob: 9414516628; Email: bljat.ento@sknau.ac.in	External Member
	Dr. S.S. Sharma, Prof., RCA, MPUAT, Udaipur. Mob:7073105583; Email: sharmass112@gmail.com	External Member
	Dr. S.K. Jat, Asstt. Prof., CHF, Jhalawar	Member Secretary
10. Department of Natural Resource Management		
	Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
	Dr. Ram Hari Meena, Head, Deptt. of Soil Science, RCA, MPUAT, Udaipur-313001 Mobile: 9414723612, Email: ramharim@gmail.com	External Member
	Dr. P.K. Singh, Prof., CTAE, MPUAT, Udaipur Mob: 9414166190; Email: pksingh35@yahoo.com	External Member
	Dr. C.K. Arya, Assistant Professor, CHF, Jhalawar	Member Secretary
11 Department of Basic Science		
	Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
	Dr. Bhim Singh, Assoc. Prof., SVP Univ. of Agri. & Tech., Meerut, UP Mob: 9461022782 Email:bhimsingh1@gmail.com	External Member
	Dr. Rukam S. Tomar, Assoc. Prof. (PBG),	External

		JAU, Junagadh, Gujarat- Mob: 9426037195; Email:rukam@jau.in	Member
		Dr. Ashok Kumar, Asstt. Prof. CHF, Jhalawar	Member Secretary
	12	Department of Social Sciences	
		Dr. I.B. Maurya, Dean, CHF, Jhalawar	Convener
		Dr. Rajesh Sharma, Prof. & Dean, COA, Ganganagar -335001 Mob: 9414430165 ; Email:rajesharma.ac@gmail.com	External Member
		Dr. J.P. Yadav, Prof. & Dean, COA, Dholpur Mob:9414819414 ; Email: jpyadav.ext@sknau.ac.in	External Member
		Dr. Priyanka Solanki, Asstt. Prof. CHF, Jhalawar	Member Secretary
	Resolve to approve , the name of above members for the courses committee of various departments of the College of Horticulture and Forestry, Jhalawar		
	CHF/BOS/8/2021-01/04	<i>Proposal for the reduction in theory examination duration from 3 hrs. to 2:30 hrs</i>	
		As per AU, Kota examination rules number 7.4.1.3 the duration of theory examination of UG classes are specified as 3 hrs. However,	

CHF/BOS/8/2021-01/05	<p>practically it is observed that the duration of 3.0 hrs. is more than sufficient looking to pattern and content of examination paper. The same issue has also been raised by both the affiliated colleges. Therefore, it is proposed to reduce the time duration of theory examination from 3.00 hrs. to 2.00 hrs. The same time duration has also been implemented at AU, Jodhpur, SKRAU, Bikaner and SKNAU, Jobner.</p> <p>Resolved to approve, the reduction of time duration in theory examination from 3.00 hrs to 2.30 hrs. and modification of the question pattern accordingly at the level of COE, AU, Kota.</p> <p><i>Repudiation and Reduction of intake in some PG programme</i></p> <p>The PG program in M.Sc. (Horticulture) PHT is running presently with an intake capacity of 2 seats. Since, there is no faculty in the Department; it is very difficult to run the PG programme. Similarly, the Department of Wildlife Management was started in 2018 with an intake capacity of 5 seats. Presently, there is only one faculty in the Department against sanctioned post of 3 (Assoc. Prof. -01, Asstt. Prof. -02). Teaching along with guiding students with one faculty is difficult to justify. Looking at the existing faculty situation in the above mentioned Departments, it is proposed to defer PG program in PHT and reduce the no of intake capacity (seats) to 03 in Wildlife Management till the faculty position is filled up.</p> <p>Resolved to approve the reduction of intake capacity from 05 to 02 seats in Department of Wildlife Management and 03 to 02 seats in Department of FLS and to discontinue the PG programme in PHT since academic session 2021-22 till the ICAR BSMA recommendations and availability of faculty.</p>
CHF/BOS/8/2021-01/06	<p><i>Provision for Deputation of faculty against sanctioned posts on fixed remuneration</i></p> <p>In many Departments, the sanctioned posts are vacant. In the Departments of Floriculture & Landscape Architecture and Wildlife Management, there is only one faculty while in PHT, there is no faculty. Owing to limited faculty, the above Departments are facing difficulty in teaching UG and PG courses. Till the vacant posts are not filled, it is proposed to make provision of deputing faculty on fixed remuneration basis.</p> <p>Resolved to put up the agenda in meeting of next academic council.</p>

The meeting ended with vote of thanks to the chair.


(I.B. Maurya)

Dean
College of Horticulture and Forestry, Jhalawar

**PROGRAMME STRUCTURE AND EVALUATION PROCEDURE
OF
STUDENT RURAL ENTREPRENEURSHIP AWARENESS DEVELOPMENT
YOGNA (READY) PROGRAMME**

FOR THE FACULTY OF HORTICULTURE

The Student READY Program is taken up during VII and VIII semester of the B.Sc. (Hons.) Horticulture. This program will be taken up during the VII semester for duration of 23 weeks and will be allotted 0+20 credit hours and during the VII semester for the duration of 21 weeks and will carry a weightage of 0+20 credit hours. The details of the programmes/ activities conducted during VII and VIII semester are as follows:

Semester –VII

Student READY – Rural Horticulture Work Experience and Placement in Industries. This program will be taken up during the VII semester for duration of 23 weeks. The breakup of 23 weeks (20 credit hours) with various components of Rural Horticultural Work Experience programme is as follows:

Rural Horticultural Work Experience Programme		
HWE-411	STUDENT READY - Placement in Industries	0+10
HWE-412	STUDENT READY- Placement in Villages	0+10
	Total	20 (0+20)

The details of component wise time duration are as follows:

S. No.	Components	Duration
i.	Orientation Programme	2 weeks
ii.	Attachment in Agri based industries	5 weeks
iii.	All India Study Tour	2 weeks
iv.	Village Attachment programme and KVK Attachment	12 weeks
v.	Report writing and Final Examination	2 weeks

Orientation Programme

The student shall be oriented on READY Programme prior to placement of students in agri-industrial attachment, village attachment and educational tour. They will undergo orientation programme for two weeks at their college. During this programme, the faculty will discuss about the need, importance and objective of this course, also elaborates about the village attachment programme, industrial placement in horti-based industries, educational tour as well as about the proper maintenance of record and work diary. They will also enlighten about the University technologies in the farmers fields. Faculty members will also discuss about their discipline and activities to be carried during entire READY programme

The following are the different disciplines involved in the RHWE programme.

1. Horticultural Extension Education & Project work
2. Fruit Science
3. Vegetable science
4. Floriculture and Landscape Architecture
5. Post Harvest Technology
6. Crop improvement and Biotechnology
7. Entomology
8. Plant Pathology
9. Soil Science

Attachment in the Agri-based industries

Students shall be placed in agri-based industries for the period of 5 weeks. In this, students are attached with various industries like seed/sapling production, pesticide and insecticide industry, organic industry, post harvest and processing industry, nursery, FPOs, etc. The students will be undergone various activities as follows:

S. No.	Activities and Tasks during Agri - Industrial attachment
1.	Acquaintance with industry and staff
2.	Study of structure, functioning, objectives and mandates of the industry
3.	Study of various operation of the industry
4.	Hands-on Training under supervision of industry staff
5.	Skill development in all crucial task of the industry
6.	Documentation of the activities and task performed by the students

All India Study Tour

The All India Tour will be of two weeks. It includes up to maximum 10 days visit and rest of the days for preparation for the tour, report writing, etc. In this programme, the students will visit various regional and national level academic and research institutions/organizations related to horticulture, agriculture and allied fields in various regions of our country. They will gain firsthand knowledge about different agro climatic zones, crops grown, cultivation practices etc

Village Attachment Programme

The students will be placed for the period of total 12 weeks in which the students will work in the village under the direct supervision of KVK scientist for period of 7 weeks and the rest 5 weeks they will work at KVK and perform the task allotted to them by the KVK scientist and will organize different activities.

The various activities conducting during the period of Village attachment are:

S. No.	Activities and Tasks during Village attachment
1.	Economic survey of the village
2.	Farm holding survey of the village
3.	Identification of major Horticultural problems of the village
4.	Collection, preparation and submission of the crop production practices on various crops as adopted by the farmers in the village.
5.	Collection, preparation and submission of the plant protection practices (including nutritional disorders, weeds and other physiological disorders) on various crops as followed by the farmers in the village.

KVK Attachment

The students shall be given an opportunity to acquaint themselves with the various activities / programmes of the concerned KVK. The principles and methodologies involved in conducting different types of experiments / trials, collection and analysis of experimental data, maintenance of farm records etc., shall be explained to them. The students will observe closely and perform different aspects of programmes / activities with the guidance of scientists of the respective centres. They shall maintain a record of the titles of programmes that was undertaken at the KVK. They must also record all the items of work either carried out by them or shown to them.

Selection of Village for Village Attachment Programme

A village will be a unit of operation of READY programme specially the village attachment programme. The village will be selected preferably nearby the centre of KVK within a radius of 5 to 30 km, where the transport is available and the KVK scientist can easily supervise the students. The potential villages should be selected for village attachment. The village which have different types of crop where the farmer used to practice various enterprises like crop production, horticulture, dairy, etc. should be selected

Monitoring the Work of Students

During the village placement period, scientist from KVK will monitor the activities of the students in the village.

Attendance and Disciplines:

The student should maintain minimum of 85 per cent attendance separately in all the RHWE programme courses. The students should maintain good discipline during the village attachment, KVK attachment, Agro-Industrial Attachment and Educational Tour. The students found indulged in any in disciplinary activities during whole programme will be dealt strictly as per university rules. Any student who want leave for official work of the university lie participation in sports, Youth Festival and other co-curricular activities should obtain the written permission of the Dean of the College.

Report and Work Diary

The student shall maintain work diary. On completion of each assignment, a detailed report should be written. The work diary shall be checked every day by the teacher/Scientist of KVK / trainer of agro-industry and report will be evaluated every week by the respective college teacher.

Evaluation of the Performance of the Students

The performance of the students in all components under READY programme will be evaluated separately by the committee. Rural Horticultural Work Experience Programme will be of 20 credit hours. The bifurcations of marks allotment are as follows:

VII Semester				
S. No.	Programme	Duration (Weeks)	Marks Weight age	Credits
1	Orientation Programme	2 weeks		0+2 (NC)
2	Attachment in Agri based industries	5 weeks	10%	0+5
3	All India Study Tour	2 weeks		0+3
4	Village Attachment programme	7 weeks	20%	0+7
	Attachment with KVK	5 weeks		0+5
5	Report writing and Final Examination	2 weeks	70%	0+2 (NC)
TOTAL		23 Weeks	100%	20 Credit

Evaluation Procedure

S. No.	Programme	Assessment Parameters	Committee
1.	Attachment in Agri based industries	Work Performance & Discipline 40 % Report 25 % Attendance & Discipline 20 % Oral Examination (VIVA) 25 %	1. Dean or his nominee 2. Head or nominee of the concerned Industry 3. Any Faculty from the College
2.	All India Study Tour		1. Dean or his nominee 2. Tour Incharge/ Person Concerned 3. Student READY Coordinator
3.	Village Attachment programme and Attachment with KVK		1. Senior Scientist & Head of KVK 2. RHWE Incharge of KVK 3. Any Faculty from the College
4	Final Evaluation at College Campus* by Oral Presentation		1. All HoDs of concerned faculty 2. One External Member 3. Dean Nominee 4. Student READY Coordinator

NOTE: Evaluation shall be made by the constituted committee for 100 marks

*A students will be eligible to appear in the final evaluation only when he/she has been completed components individually

VIII Semester

A student has to register for 21 credits for any two experiential learning modules of (0+10) credits in the VIII semester. The details of the components are as follows:

VIII Semester				
S. No.	Course Code	Components	Duration (Weeks)	Credit Hour
1.	ELP-421	Commercial Horticulture	10 weeks	0+10
2.	ELP-422	Protective Cultivation of High Value Horticultural Crops	10 weeks	0+10
3.	ELP-423	Processing of Fruits and Vegetables for Value Addition	10 weeks	0+10
4.	ELP-424	Floriculture and Landscape Gardening	10 weeks	0+10
5.	ELP-425	Bio-inputs: Bio-fertilizers and bio-pesticides	10 weeks	0+10
6.	ELP-426	Mass multiplication of plants and molecules through tissue culture	10 weeks	0+10
7.	ELP-427	Mushroom Culture	10 weeks	0+10
8.	ELP-428	Bee Keeping	10 weeks	0+10
9.		Report writing and Final Examination	1 weeks	0+1(NC)
		TOTAL	21 Weeks	20 Credits

Final Evaluation of Experiential Learning

Programme	Assessment Parameters	Evaluation Committee
Final Evaluation by Oral Presentation	Work Performance 40 % Report 20 % Attendance & Discipline 20 % Oral Examination (VIVA) 20 %	1. All HoDs of concerned faculty 2. Incharge of experiential unit 3. Dean Nominee 4. Student READY Coordinator

FOR THE FACULTY OF FORESTRY

Semester – V

Student has to register for 5 credits in Experiential Learning Module during semester V. The details of the component are as follows:

Course code	Components*	Credit
EL-I	1. Production and Marketing of High Value Forest Produce (FPU) 2. Raising Quality Planting Materials for Forest Regeneration (SAF/FBT) 3. Apiculture/Sericulture (FBU/NRM/WLS) 4. Ecotourism (BSS/WLS) 5. Wild Animal Health Management– WLS	(0+5)

*Opt any one

Evaluation of the Performance of the Students

The evaluation in the form of marks will be done at college campus by the committee constituted by the Dean of the college.

Final Evaluation of Experiential Learning

Programme	Assessment Parameter	Evaluation Committee
Final evaluation by oral presentation	Work performed 40% Report writing 25% Oral examination 25% Attendance & punctuality 10%	1. HoD/Incharges of forestry faculty 2. Dean nominee 3. EL incharge 4. Academic incharge

Semester – VI

Student has to register for 5 credits for any Experiential Learning Module during semester VI. The details of the component are as follows:

Course code	Components*	Credit
EL-I	1. Production and Marketing of High Value Forest Produce (FPU) 2. Raising Quality Planting Materials for Forest Regeneration (SAF/FBT) 3. Apiculture/Sericulture (FBU/NRM/WLS) 4. Ecotourism (BSS/WLS) 5. Wild Animal Health Management– WLS	(0+5)

*Opt anyone other than opted in Semester V

Evaluation of the Performance of the Students

The evaluation in the form of marks will be done at college campus by the committee constituted by the Dean of the college.

Final Evaluation of Experiential Learning

Programme	Assessment Parameter	Evaluation Committee
Final evaluation by oral presentation	Work performed 40%	1. HoD/Incharges of forestry faculty 2. Dean nominee 3. EL incharge 4. Academic incharge
	Report writing 25%	
	Oral examination 25%	
	Attendance & punctuality 10%	

Semester – VII

Student has to register for 10 credits for project work and dissertation (0+10) during semester VII. The details of the component is as follows:

Course code	Component	Credit
PW	Project Work and Dissertation	0+10

Evaluation of the Performance of the Students

The evaluation in the form of marks will be done at college campus by the committee constituted by the Dean of the college.

Final Evaluation of Forestry Work Experiential Learning

Programme	Assessment Parameter	Evaluation Committee
Final evaluation by oral presentation	Work performed 40%	1. HoD/ Incharges of forestry faculty 2. Dean nominee 3. Advisor of student 4. PW Coordinator
	Report writing 25%	
	Oral examination 25%	
	Attendance & punctuality 10%	

Semester –VIII

Student READY – Forestry Work Experience. This program will be taken up during the VIII semester for duration of 24 weeks. The breakup of 24 weeks (20 credit hours) with various components of Forestry Work Experience programme is as follows:

S.No.	Components	Duration	Credit
1.	Orientation	12days	0+1
2.	ForestRangeTrainingProgramme	55days	0+9
3.	IndustrialPlacement	20days	0+3
4.	WeaponTraining andFirst-AidTraining	5+3=8days	0+1
5.	Socio-economicSurveysandVillageAttachment	35 days	0+4
6.	ReportWritingandPresentations	20days	0+2
	Total	130days	0+ 20

The details of component are as follows:

1. Orientation

Conducting various exercises for exposing the students on the recent trends in the field of forestry, transactional analysis, personality development, soft skill set and to prepare students for the rigours of professional life after completing B.Sc. (Hons.) Forestry programme.

2. Forest Range Training Programme

Visit to modern forest nurseries, herbal gardens and watersheds, study the felling and logging operations, timber lots and important industrial products, study working plan, enumeration, volume and yield calculation & compartment history files, study the 'CAT' (Catchment Area Treatment Plan) and FDA (Forest Development Agencies). Use of forestry equipments/ instruments, Study tree generation and management to important forestry tree species, Sample plots, layout studies, stump analysis, preparation of local volume tables, Study the working of other Forestry related organizations/industries.

At the Wildlife Sanctuaries/National Parks/Tiger Reserves, the students are expected to learn about the aspects related with the preparation of the Management Plans/Conservation Plans, to undertake and familiarize the various wildlife population enumeration techniques and the biodiversity assessment techniques. To undertake pilot studies on the man-animal conflict and other issues in the forest areas etc.

3. Industrial Placement

Attachment with Forest based Industries like Wood Workshop, Saw Mills, Wood Seasoning and Preservation Treatment Plants, Pulp and Paper Industries, Aromatic and Medicinal Plant Units. Carpentry, bamboo and reed crafts, other wood products based industries, rubber, NWFP etc. works to be undertaken includes study the nature of industrial and business organization—structure, raw material—collection and processing of raw-material, hands on practical, production and management process, marketing and financial management.

4. Weapon Training and First-Aid Training:

Hands on training in the handling of various kinds of weapons and their operation, limitations and precautions during their use. Getting basic knowledge on different first aid practices which are required in case of field emergencies, like snake bite, animal attack, poachers and accidents. Also to learn about the first aid to be given to wild animals in distress and volunteering in rural health services.

5. Socioeconomic Surveys and Village Attachment:

Data collection, use of PRA techniques with respect to village profile including socio-economic and cultural status, farm technology used, homesteads, agroforestry, biodiversity etc., and Bench Mark survey of planter sources (cropping pattern, homesteads, agroforestry, biodiversity, yield system etc.), Scheduled development, tabulation, analysis and preparing plan of work.

Understanding local forestry and other village level institutions (Panchayat, Village Forest Committees, corporations, youth/women groups etc.), People's participation in developmental programmes with special reference to forestry exercises on the use of extension methods and teaching aids for Transfer of Technology.

6. Report Writing and Presentation

Compilation of the work/experience detailing the objectives, places and persons visited, work done, experiences/skills gained and suggestions for improvement of training. Power Point Presentation of the report before faculty. The assessment will be based on Project Report evaluation and viva-voce.

Evaluation of the Performance of the Students

The final evaluation in the form of marks will be done at college campus by the committee constituted by the Dean of the college.

Final Evaluation of Forestry Work Experiential Learning

Programme	Assessment Parameter		Evaluation Committee
Final evaluation by oral presentation	Work performance	40%	1.HoD/Incharges of forestry faculty
	Report writing	25%	2. External member
	Oral examination	25%	3. Dean nominee
	Attendance & punctuality	10%	4. FWE incharge 5. Academic incharge