

  
**UNIVERSITY OF MYSORE**  
Established: 1916

Vishwavidyanilaya Karyasoudha,  
Crawford Hall, Mysore-570 005.

Dated: 19.08.2020

No.AC.2(S)/378/2020-21

**NOTIFICATION**

**Sub:** Preparation of syllabus for 'Wild Life and its Conservation' under MOOC from the academic year 2020-21.

- Ref:** 1. Decision of Board of Studies in Zoology (PG) meeting held on 17.01.2020.  
2. Decision of the Faculty of Science & Technology Meeting held on 18.02.2020.  
3. Decision of Academic Council meeting held on 18.06.2020.

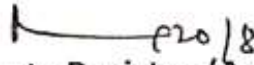

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The Board of Studies in Zoology (PG) which met on 17.02.2020 has recommended to prepare the syllabus for 'Wild Life and its Conservation' under MOOC from the academic year 2020-21.

The Faculty of Science and Technology and Academic Council meeting held on 18.02.2020 and 18.06.2020 respectively have approved the above said proposal and the same is hereby notified.

The prepared syllabus of 'Wild Life and its Conservation' paper is annexed. The contents may be downloaded from the University Website i.e., [www.uni-mysore.ac.in](http://www.uni-mysore.ac.in).

**Draft approved by the Registrar**

  
Deputy Registrar(Academic),  
Deputy Registrar (Academic)  
University of Mysore  
Mysore-570 005  


**To:**

1. The Registrar (Evaluation), University of Mysore, Mysore.
2. The Dean, Faculty of Science & Technology, DoS in Psychology, MGM.
3. The Chairperson, BoS in Zoology (PG), DoS in Zoology, Manasagangotri, Mysore.
4. The Chairman, DoS in Zoology, Manasagangotri, Mysore.
5. The Director, College Development Council, Moulya Bhavan, Manasagangotri, Mysore.
6. The Deputy/Assistant Registrar/Superintendent, AB and EB, UOM, Mysore.
7. The P.A. to the Vice-Chancellor/Registrar/Registrar (Evaluation), UOM, Mysore.
8. Office file.

**A. Proforma for Inviting Expression of Interest for Developing MOOCs**

*(Please read the instructional manual before filling the form and submit at [cec.moocproposal@gmail.com](mailto:cec.moocproposal@gmail.com))*

1.	Title of the MOOC	:	<b>Wildlife and its Conservation</b>	
2.	Knowledge Stream	:	Life Science	
	Subject	:	Zoology	
	Degree programme	:	B.Sc.,	
	Credit/Non Credit Course	:	Yes v	
3.	Details of the Course Coordinator		:	
	3.1	Name	: Dr. S. Basavarajappa	
	3.2	Designation	: Associate Professor	
	3.3	Contact Detail	: Mobile No.- 9449203241(10 digits) Alternative mobile number if any- Nil Landline No.- 0821-2419773 Email ID:- <a href="mailto:ornithoraj11@gmail.com">ornithoraj11@gmail.com</a>	
	3.4	Experience in years	: 14	
	3.5	Nature of Employment	Permanentv	
	3.6	Affiliating Institution	: Name of Institution: Address-1 : Address-2 : City: Mysore State: Karnataka PIN: 570006 Phone: Email ID: <a href="mailto:ornithoraj11@gmail.com">ornithoraj11@gmail.com</a>	
	3.7	NAAC Rating of institute	<b>3.47 (Numeric only)</b> <b>NIRF Ranking- Rank 57<sup>th</sup> Overall and 36<sup>th</sup> among Universities</b>	
4.	Host Institute offering the course	Name of Institution: University of Mysore Address-1 : DOS in Zoology Address-2 : University of Mysore, Manasagangothri City: Mysore State: Karnataka PIN: 570006 Phone:0821-2419773 Email ID: <a href="mailto:ornithoraj11@gmail.com">ornithoraj11@gmail.com</a>		
5.	Is facility for MOOC production/editing etc. available	:	Yesv	
	If 'NO' Which of the Educational Multimedia Research center you would have easy access for production	:	<table border="1"> <tr> <td align="center">EMRC Mysore</td> <td align="right">Refer Annexure-IV</td> </tr> </table>	EMRC Mysore
EMRC Mysore	Refer Annexure-IV			
6.	I agree to provide the Host Institute's consent letter before the release of funds(will be released as per MHRD guidelines and terms & conditions issued by CEC)	:	Yesv	
7.	Final proposal attached	:	Yesv	

The Course Coordinator may kindly ascertain before uploading the form that they have a Host University/ institute as per the MOOC guidelines from MHRD.

The acceptance of the course shall be in accordance to the MHRD/ UGC /CEC guidelines in force

### B. Detailed MOOC Development Plan

(Kindly fill the form as per the instruction given in respected columns and submit at [cec.moocproposal@gmail.com](mailto:cec.moocproposal@gmail.com))

S. NO.	DELIVERABLE	DESCRIPTION	REMARKS
1.0	Course Title	<b>Wildlife and its Conservation</b>	As per the paper in the CBCS syllabus
2.0	Subject	Zoology	(E.g. Physics, Geology, etc.)
3.0	Course category	UG	
4.0	Course description	The main purpose of this course is to provide Scientific information on wildlife resource which is part of our nature. Many people are unaware of wildlife resources of India and their role is not understood for human survival. Due to hunting, poaching, and indiscriminate use of natural resources, the wild animal's habitat is shrinking. Many species are becoming endangered and on the way of extinction. At this juncture, if we educate public and other interested people about usefulness of wildlife, rules and regulations available to conserve them in their natural abode, it is possible to control the depletion of valuable wild animal species on this planet earth. Therefore, in this course, efforts will be made to know about the values of wildlife, their conservations and modes of conservation. In this course all possible efforts will be made to provide a platform to interact with wildlife experts and discuss the wild animals and human conflicts. It is an awareness course, to provide continuous education on wild animals to and to develop awareness among public.	Description should contain 150 to 250 words.  The course should conform to CBCS syllabus by UGC, year 2015. See UGC website link: <a href="http://www.ugc.ac.in/ugc_notices.aspx?id=1077">http://www.ugc.ac.in/ugc_notices.aspx?id=1077</a>
	specify the universities/institute name, where this course is being taught	DOS in Zoology, University of Mysore, Manasagangothri. Mysore, Karnataka.	
4.1	Course Duration (in Weeks)	4 credits 12 weeks' 60 hours (for a 4 credit course)	
4.2	Start Date	<b>Start Date June 2018</b>   <b>End date October 2018</b>	
4.3	Course Credits	1 credit will be equivalent to 15 hours 4 credits X 15 hours = 60 hours in total	As per UGC guidelines: Instructional Template for Facilitating Implementation of Choice Based Credit System (CBCS)
4.4	Weekly Study Plan	Will be given : Lesson plan- the time line of sequential release of module, assignments and deadlines and interactions schedule	

	<b>Rationale for developing this Course</b>	Around the globe, wildlife is facing severe anthropogenic interferences, unable to lead normal survival at their natural habitat. To provide basic and applied education on wildlife to public is necessitated. This course will be used as a platform to create awareness and to discuss the issues relating to the wildlife conservation. This could definitely bring a sea change among public so that wildlife conservation is achieved through this course.				
5.0	<b>Course Objectives</b>	<ol style="list-style-type: none"> <li>1. Provide basic and applied information on existing wildlife in India and abroad.</li> <li>2. Motivate people to participate in this course.</li> <li>3. Create awareness among the public about wildlife, importance and conservation for human survival.</li> </ol>				Preferably give point wise the learning outcomes
5.1	<b>Course introductory video</b>	Introductory video- 3-5 minute of duration will be provided				
5.2	<b>Pre -requisites</b>	<ul style="list-style-type: none"> <li>* Should have completed higher secondary</li> <li>* Should possess a basic knowledge of chemistry</li> </ul>				
6.0	<b>Host Institution</b>	University of Mysore				
7.0	<b>Faculty profile</b>	<p>Dr.Basavarajappa is a Ph.D., holder in Zoology with Entomology specialization. He has more than 22 years of work experience in various capacities in the field of teaching, research and extension activities. He has worked in Karnatak University, Kuvempu University, and three years at under graduate colleges also. Presently, working as Senior Assistant Professor in Zoology, University of Mysore, Mysore. He as published 90 papers in peer reviewed journals and presented more than 100 research papers at national and international conferences. He has edited two books in Kannada and one manual in English. Under his guidance two students obtained Ph.D, and five students M. Phil degree. He has completed two projects</p>				
7.1	<b>Brief about the Course developer (PI/SME) and Team:</b>	S. No	Name & (designation)	Department, Institute	e-mail	
		01	Dr.S.Basavarajappa <i>Associate Professor</i>	DOS in Zoology, Manasagangothri Mysore	Cell: 9449203241 (O): 0821-2419773 <a href="mailto:ornithoraj11@gmail.com">ornithoraj11@gmail.com</a> <a href="mailto:apiraj09@gmail.com">apiraj09@gmail.com</a>	
7.2	<b>Brief about Course Instructor and Team:</b>	02.	Dr. P.M. Biradar	Department of Zoology, Karnatak University, Dharwad	8073696183	14 years
		03.	Dr. Vijayakumar,	Department of Wildlife Management, Kuvempu University, Shankaraghatta	9448206428	14 years

	<b>Total Number of Modules</b>	Total number of modules in the MOOC = 8 modules	
	<b>I- Quadrant Engagement time (Video)</b>	Total video hours of the MOOCs = 40 videos	Video of 25~30 minutes per module
	<b>II- Quadrant Engagement time (Text material, e-book, objectives, summary, glossary, case studies, FAQs, Other Learning material)</b>	20 hours	Total text material to be 15- 20 pages long per module– 12 font Arial, single space. Counting 3 minutes/page the learning engagement time to be in the range of 45- 60 minutes per module.
	<b>III- Quadrant (References, Web links)</b>	Will be provided	Give specific links that are viable and direct to appropriate pages. Links to other learning sites. Do not give <a href="http://www.wikipedia.org">www.wikipedia.org</a> or <a href="http://www.google.com">www.google.com</a>
	<b>IV – Quadrant Engagement Time Assessment</b>	60 minutes for each module 40 X 60 minutes 40 hours  Assessment to include:	1.Quizzes- self graded 2.Assignments- 3 short (up to 200 words) and 2 long answer (up to 500 words) depending on the course requirements 10-15 MCQ per module comprise of Quiz. Engagement time is 1 minute per MCQ for Quiz  Engagement time for Assignment questions should be 5 minutes per short question and 10 minutes per long question. Total engagement time should be in range 45-50 minutes per module
<b>8.0</b>	<b>Term End assessment</b>	The course will have assessment at the end of the course, which comprises of 40% of Online or In-term assessment and 60% Proctored end term exam.	
<b>9.0</b>	<b>Total Engagement time for Discussion and interaction</b>	1 hour interaction at the end of every week 12 Weeks X 1 hour = 12 hours	A total of 72 hours of course Engagement in interaction and discussion is to be factored with grades. <u>Suggested:</u> a) After every 2-3 module give 1 hours of interaction. b) List some topics and questions for discussion in the forum.
<b>9.2</b>	<b>Total Engagement time(hours)</b>	20+40+12=72 hours	Total engagement time to amount to 2-3 hours per module
<b>10.0</b>	<b>Assessment Plan</b>	The course will have assessment at the end of the course, which comprises of 40% of Online or In-term assessment and 60% Proctored end term exam.	To be provided by the offering faculty/instructor. refer UGC guidelines: Instructional Template for Facilitating Implementation of Choice Based Credit System (CBCS)

<b>11.0</b>	<b>Grading scheme</b>	As per the UGC and university guidelines.	For conversion into CGPA and credit scheme for each program refer to  UGC guidelines: Instructional Template for Facilitating Implementation of Choice Based Credit System (CBCS)
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## Four-quadrant for MOOCS course

Name of Quadrant	Contents	File formats /Descriptions
<b>1<sup>st</sup> Quadrant</b> <b><u>e-Tutorial:</u></b>	Video and Audio Content in an organized form, including Animation, Simulations, Virtual Labs.	<b>Video programme files</b> 1. (Video lectures not exceeding 25-30 minute including the elements of graphics and animation.) please specify Video lecture durations in modules  2. The video shall be –HD (aspect ratio 16:9) resolution 1920x1080 video,  3. Compression @500 kbps – 1 mbps with pixel resolution of 480x360 or better files on MPEG4 format.  The font size for the PPT accompanying the lectures : Heading: 24-30; Sub-heading: 22-26; Body: 20-24;
<b>2<sup>nd</sup> Quadrant</b> <b><u>Text Content:</u></b>	PDF/e-Books/illustration, video demonstrations, documents and Interactive simulations wherever required.  Related Links, Open Content on Internet, Case Studies, Anecdotal information, Historical development to the subject, Articles.	<b>E-Book, Objectives, summery, Glossary, Case Study, tutorial, FAQ's, transcription of video lectures.</b> <b>Any Other Study Material- Etc.</b>  WORD FILE / PDF  All text in 15- 20 pages 12 font Arial, single space Text files including all the 2 <sup>nd</sup> quadrant elements shall be around 2000 - 3000 words for 45-60 minutes of learning engagement time per module
<b>3rd Quadrant</b> <b><u>Assessment:</u></b>	MCQ, Problems, Quizzes, Assignments and solutions, and setting up the FAQ, Clarifications on general misconceptions.  Interaction and discussion forum topics	WORD FILE /PDF  Assessment to include: 1. Quizzes- self graded 10 questions per module 2. Assignments- 3 short (up to 200 words) and 2 long answer (up to 500 words) depending on the course requirements
<b>4<sup>th</sup> Quadrant</b> <b><u>Discussion Forum and Live Interaction:</u></b>	<b>Final Assessment Paper – Question Bank (Subjective Or Objective)</b>	Live interaction and moderation of forum questions and topics WORD FILE /PDF  Two sets of Question Paper to be provided by the Course Faculty PI/SME

**Detailed Course Structure**  
**Course Title: Wildlife and its Conservation**

**(Level & Subject) Syllabus (based on Choice Based Credit System)**

Week	Day	Items	Title of Video and Reading text/Lecture/ppt	Remark
First Week	Day 1	<b>Wildlife and its status</b>	Values of wildlife	MS word/ PDF
	Day 2		Wildlife and its scope in India	
	Day 3		Types of wildlife and their status	
	Day 4		Wildlife trade and wildlife depletion and its causes	
	Day 5	<ul style="list-style-type: none"> <li>• Quizzes</li> <li>• Assignments</li> <li>• Paragraph and essay questions</li> </ul>		
Second Week	Day 1	<b>Wildlife Legislation</b>	IBWL	MS word/ PDF
	Day 2		Wildlife legislation	
	Day 3		Wildlife Protection Act, 1927	
	Day 4			
	Day 5	<ul style="list-style-type: none"> <li>• Quizzes</li> <li>• Assignments</li> <li>• Paragraph and essay questions</li> </ul>		
Third Week	Day 1	<b>Wildlife protection</b>	Wildlife Safari	MS word/ PDF
	Day 2		Wild animals projects	
	Day 3		Wildlife and tribal welfare	
	Day 4		Importance of wild animals and their conservation	
	Day 5	<ul style="list-style-type: none"> <li>• Quizzes</li> <li>• Assignments</li> <li>• Paragraph and essay questions</li> </ul>		
Fourth Week	Day 1	<b>Wildlife education and research</b>	India's wildlife	
	Day 2		Karnataka's wildlife	
	Day 3		Wildlife education	



	Day 4		Wildlife research in India and world	
	Day 5	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignments</li> </ul> Paragraph and essay questions		MS word/PDF
Fifth Week	Day 1	In-situ conservation		MS word/PDF
	Day 2		Bioreserves	
	Day 3		Wildlife sanctuaries	
	Day 4		National Parks	
	Day 5	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignments</li> <li>Paragraph and essay questions</li> </ul>		
Sixth Week	Day 1	Ex-situ conservation	Wild animals and artificial insemination and captive breeding	MS word/PDF.
	Day 2		Germplasm stations, seed banks and pollen banks	
	Day 3		Zoological Gardens in India	
	Day 4		Western Ghats	
	Day 5	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignments</li> <li>Paragraph and essay questions</li> </ul>		
Seventh Week	Day 1	Biodiversity	Eastern Ghats	MS word/PDF.
	Day 2		Himalayan Biodiversity	
	Day 3		Government Institutions involved in wildlife research and conservation	
	Day 4		NGO's involved in wildlife research and conservation	
	Day 5	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignments</li> <li>Paragraph and essay questions</li> </ul>		
Eighth Week	Day 1	Mega biodiversity centres and its hotspots	Ramsar wetlands	MS word/PDF.
	Day 2		Mega biodiversity centres	
	Day 3		Biodiversity hotspots	
	Day 4		Biodiversity heritage sites	
	Day 5	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignments</li> <li>Paragraph and essay questions</li> </ul>		
Ninth Wee	Day 1	India's	1. Biodiversity profile	MS

k		Biodiversity and conservation		word/ PDF.
	Day 2		2. Biodiversity Act, 2002	
	Day 3		3. Biodiversity Development Authority (BDA)	
	Day 4		4. PBR and BMC's	
	Day 5	<ul style="list-style-type: none"> <li>• Quizzes</li> <li>• Assignments</li> <li>• Paragraph and essay questions</li> </ul>		
Tenth Week	Day 1	Biodiversity prospecting		MS word/ PDF.
	Day 2		Protected area network	
	Day 3		Biodiversity mapping and prospecting	
	Day 4		Wildlife census, techniques and biodiversity index	
	Day 5	<ul style="list-style-type: none"> <li>• Quizzes</li> <li>• Assignments</li> <li>• Paragraph and essay questions</li> </ul>		
Fourteenth Week	Day 1	Exam preparation and assessment of assignments		
	Day 2			
	Day 3			
	Day 4			
	Day 5			
Fifteenth Week	Day 1	Assessment at the end of the course, which comprises of 40% of Online or In-term assessment and 60% Proctored end term exam.		Exam
	Day 2			
	Day 3			
	Day 4			
	Day 5			

**Weekly Study Plan Contains ....Videos in a 5 day in a week format**