



## GONDWANA UNIVERSITY, GADCHIROLI

### DIRECTION NO. 23 OF 2022

**“EXAMINATIONS LEADING TO THE AWARD OF ONE YEAR CERTIFICATE COURSE, TWO YEARS ADVANCED DIPLOMA, THREE YEARS APPRENTICESHIP/INTERNSHIP EMBEDDED BACHELOR’S DEGREE (AEDP) AND FOUR YEARS RESEARCH DEGREE, B.B.A. IN FOREST MANAGEMENT AND ECO-TOURISM (SEMESTER PATTERN), DIRECTION, 2022”.**

(Issued under Section 12(8) of the Maharashtra Public Universities Act, 2016.)

**Whereas,** the Maharashtra Public Universities Act, 2016 (VI of 2017) (herein after the “Act” has been made applicable to the Gondwana University Gadchiroli w.e.f. 1<sup>st</sup> March 2017.

**AND**

**Whereas,** for starting any degree or diploma course in the University an Ordinance is required to be framed by the University, as per the provisions of section 73 (1) of the Act;

**AND**

**Whereas,** a Direction can be issued by the Vice-Chancellor in the exercise of his powers under section 12(8) of the Act, as an interim arrangement before framing of an Ordinance for starting any new course in the University;

**AND**

**Whereas,** National Education Policy 2020 provides for Interdisciplinary and Multidisciplinary Skill-based courses featuring multiple entries and exit options;

**AND**

**Whereas,** U.G.C. Guidelines provides an option for Higher Education Institutions to embed Apprenticeship/Internship in all UG degree programme as specified under section 22 (3) of the UGC Act, 1956 and accordingly has issued Guidelines for Higher Education Institutions to offer

Apprenticeship/Internship embedded Degree Programme on dated 7<sup>th</sup> August, 2020;

**AND**

**Whereas**, the University Grants Commission has issued guidelines on dated 29<sup>th</sup> July'2021, for Multiple Entry and Exit in Academic Programmes offered in Higher Education Institutions through a formal system of Academic Bank of Credits (ABC);

**AND**

**Whereas**, Model Degree College transfer was effected by Department of Higher and Technical Education, Govt. of Maharashtra vide Government Resolution No.2020/(190/20)/CE-4 dated 13<sup>th</sup> January'2021;

**AND**

**Whereas**, Model Degree College transfer by RTM, Nagpur University to Gondwana University, Gadchiroli was notified vide Notification No. Estt/5-21/439 dated 3<sup>rd</sup> February'2021;

**AND**

**Whereas**, Model Degree College Steering Committee in its meeting held on 6.05.2021 resolved to offer 50 skill-based courses of different durations from the academic session 2020-21;

**AND**

**Whereas**, Academic Council in its meeting held on 13.07.2021 vide item number 67; has resolved to start the skill-based course B.B.A. (Forest Management and Eco-Tourism) course with a regulated intake of 60 students by constituent Model Degree College of the university;

**AND**

**Whereas**, Board of Deans in its meeting held on 17/02/2022 vide item no. 2 has prepared and passed draft guidelines for Academic Bank of Credits (ABC) to be implemented for the entire courses offered by the university, as per UGC Regulations, 2021 on Establishment and Operation of Academic Bank of Credits in Higher Education;

**AND**

**Whereas**, the Board of Studies (Adhoc) was constituted to frame the syllabus, examination scheme and other related framework for the skill-

based course, B.B.A. (Forest Management and Eco-Tourism) to be offered during the academic session 2021-22; and has resolved for the same through it's meetings held on dated 24.6.2021, 4.5.2022, 13.7.2022 and 5.08.2022;

**AND**

**Whereas**, there is an exigency within the meaning of section 12(8) of the Act, necessitating the issuance of a Direction incorporating the provisions with regard to the award of Certificate / Advanced Diploma / Apprenticeship / Internship Embedded Degree/Research Degree Course and its guidelines as stipulated in the University Grants Commission Act, 1956 and provided by National Education Policy 2020;

Now therefore I, Dr. Prashant S. Bokare, Vice-Chancellor, Gondwana University, Gadchiroli exercise the powers vested in me under section 12(8) of the Act and issue the following Direction:-

1. This Direction may be called "EXAMINATIONS LEADING TO THE AWARD OF ONE YEAR CERTIFICATE COURSE, TWO YEARS ADVANCED DIPLOMA, THREE YEARS APPRENTICESHIP /INTERNSHIP EMBEDDED BACHELOR'S DEGREE (AEDP) AND FOUR YEARS RESEARCH DEGREE, B.B.A. IN FOREST MANAGEMENT AND ECO-TOURISM (SEMESTER PATTERN), DIRECTION, 2022".
2. It shall come into force with effect from the date of its issuance.
3. Notwithstanding anything to the contrary in any other Ordinance, Statute, Direction or the Regulations of the University it shall also govern the students who were admitted to the vocational diploma or degree courses in the academic session 2020-2021 and onwards.
4. In this Direction, unless the context requires otherwise, following words and phrases shall have the meaning as below:-
  - a. "ATKT" means "Allowed to Keep Term" in the higher semester, as per the rules herein.
  - b. Board of Studies" means Board of studies of the University in the discipline/subjects concerned.
  - c. "Course" means a theory, practical or a sessional subject prescribed in any semester and which carries maximum marks and minimum passing marks.
  - d. "Degree" means Bachelor's Degree in Forest Management and Eco-Tourism.
  - e. "Student" means student admitted to Diploma, Advanced diploma and Bachelor's Degree under this Direction.
  - f. "University" means Gondwana University, Gadchiroli

5. Eligibility condition for admission to the courses under this direction shall be as given below.

The 12th Standard Examination of the Maharashtra State Board of Secondary/Higher secondary education or any examination recognized as equivalent thereto with English as one of the subjects of passing and in such subject and with such standard of attainments as may be prescribed;

OR

The XII Standard Examination of Maharashtra State Board of Secondary and Higher Secondary Education in Vocational of MCVC stream with one language only;

OR

Passed the – Diploma in Education with English as one of the passing subjects, conducted by the Education Institute, Pune.

6. Pattern and Duration of the course/diploma/degree:-

- i. Certificate Course: One year (Two semesters)
- ii. Advanced Diploma: Two years (Four semesters)
- iii. Embedded Degree Course: Three Years (Six Semesters)
- iv. Research Degree Course: Four Years (Eight Semesters)

7. Curriculum

- a. The curriculum in each year of the course would be a suitable mix of General Education Components and Skill Development Components.
- b. The University should develop the curriculum in consultation with the industry. The industry representatives should be an integral part of the academic bodies of the university. While doing so, they should work towards aligning the skills components of the curriculum with the National Occupation Standards (NOSs) developed by the respective Sector Skill Councils.
- c. Monitoring, evaluation and updating of the curriculum are to be done periodically in consultation with the industry, keeping in view their requirements and changes in NOSs.
- d. B.B.A. (Forest Management and Eco-Tourism) Programme is exempted from the compulsory course of Environmental studies under Direction 2 of 2010 (clause 1 para (2) vide Notification dated 6<sup>th</sup> April 2017, issued under Section 12(8) of the Act.

8. **Teaching and Examination Scheme and Syllabus shall be as per Appendix 'A'.**

- (a) The syllabi of General Education Component is common for all the B.B.A. (Forest Management and Eco-Tourism) courses run by Model Degree College as per University Norms.
- (b) Skill Development Component

- (i) The Skill Development Component should be relevant to industry as per their requirement.
  - (ii) The curriculum should be aligned with NOSs of specific area the university/college should get the curriculum framed with the relevant industry experts.
  - (iii) In case of NOSs is not available for any specific area the university/college should get the curriculum framed with the relevant industry experts.
  - (iv) Adequate attention should be given on practical work/project work/ internship / industrial visit.
  - (v) The syllabi of skill development component will be different for different B.B.A. (Forest Management and Eco-Tourism) programmes and must be approved by Ad-Hoc BoS/Committee of University.
9. Free Structure: The fee structure for the courses under this Direction shall be as determined by the fee fixation committee of the University for the given courses under discussion.
10. Medium of Instructions :- Medium of instructions for the various courses under this Direction shall be English/Hindi/Marathi (Wherever applicable)
11. Levels of Awards :-  
The levels of awards shall lead to Certificate/Advanced Diploma/Apprenticeship/Internship Embedded Degree/ Research Degree, B.B.A. (Forest Management and Eco-Tourism) in one or more vocational areas and will be offered under the aegis of the University.

**Table 1: Awards**

<b>Award</b>	<b>Duration</b>	<b>Corresponding NSQF level</b>
Certificate Course	1 Year	5
Advanced Diploma	2 Year	6
B.B.A. (Forest Management and Eco-Tourism) Degree (AEDP)	3 Year	7
Research Degree in B.B.A. (Forest Management and Eco-Tourism)	4 Year	8

12. Each of the award shall specify within parenthesis, the Skill(s) specialization as shown in **Table 2** indicated below :-

<b>Name of Faculty</b>	<b>Duration of the Programme</b>	<b>Name of the Course</b>
Faculty of Commerce and Management	One Year	Certificate Course in Forest Management and Eco-Tourism
	Two Year	Advanced Diploma in Forest Management and Eco-Tourism
	Three Year	Apprenticeship/Internship Embedded Degree Program - Bachelor of Business Administration (B.B.A.) in Forest Management and Eco-Tourism
	Four Year	Apprenticeship/Internship Embedded Research Degree Program - Bachelor of Business Administration (B.B.A.) in Forest Management and Eco-Tourism

Notes:

- i. The students admitted to B.B.A. (Forest Management and Eco-Tourism) course has multiple exit points such as Certificate Course, Advanced Diploma, Embedded Degree and Research Degree after completion of First year, second year, Third year and Fourth year respectively.
  - ii. For eligibility to appear in the B.B.A. (Forest Management and Eco-Tourism) Ist, IInd, IIIrd, IVth, Vth, VIth, VIIth or VIIIth semester examinations, the student should have attended a minimum of 90 days in the respective semester and should have passed the previous semester examination as per the rules of ATKT as mentioned in this Direction.
13. i) The period of Academic Session shall be such, as may be notified by the University.
- ii) Examination and Assessment
- (a) The assessment for the general education component should be done by the university as per their prevailing standard and procedures.
- The assessment for the skill development components should necessarily focus on practical demonstrations of the skills acquired. The University should consult the respective Sector Skill Council for designing the examination and assessment pattern for the skill development components. The university may also consider using the designated assessors of Sector Skill

Councils/industry associations for the conduct of the practical assessment.

- (b) The certifying bodies may comply with and obtain accreditation from the National Accreditation Board for Certification Bodies (NABCB) set up under the Quality Council of India (QCI). Wherever the university/college may deem fit, it may issue a joint certificate for the course(s) with the respective Sector Skill Council (s)
- (c) The theory, practical, internship, field visits, and project work examinations of Semester-I, II, III, IV, V and VI shall be conducted by the University for the general education component and skill development component and shall be held separately at the end of each semester at such places and dates as may be decided by the University and shall be held as per the schedule given in Table below:-

<b>Table 3</b>			
Sr. No.	Name of Examination	Main Examination	Supplementary Examination
1	Semester I, III, V and VII	Winter/Summer	Summer/Winter
2	Semester II, IV, VI and VIII	Summer/Winter	Winter/Summer

- d. The maximum marks allotted to each subject and the minimum marks which an examinee must obtain in order to pass the examination shall be as per the Appendix A, as is applicable.
- e. The fees for each Semester examinations shall be as prescribed by the University from time to time
- f. The Scope of the subjects of all semesters of B.B.A. (Forest Management and Eco-Tourism) examinations shall be as indicated in the respective syllabi in force from time to time.
- g. The medium of instruction and examination shall be English/Hindi/Marathi (Whichever applicable)
14. Declaration of Results:-
- a. Certificate Course (One Year), Advanced Diploma (Two Years), Three Year Embedded Degree Course in B.B.A. (Forest Management and Eco-Tourism) and Four Year Embedded Research Degree Course in B.B.A. (Forest Management and Eco-Tourism) shall be done on the basis of Credits.
- b. Calculation of the Credits:-  
The following formula should be used for the conversion of time into credit hours.

- (i) One Credit would mean the equivalent of 15 periods of 60 minutes each, for theory, workshops /labs / Fieldwork / Internship/Industry Visits.
- (ii) For internship/fieldwork/Project work/industrial visit, the credit weightage for equivalent hours shall be 50% of that for lectures/workshops;
- (iii) Award could be given at each stage as per Table-4 below for cumulative credits awards to learners in skill-based vocational courses.

**TABLE - 4**

NSQF Level	Skill Component Credits	General Education Credits	Normal calendar duration	Exit Awards
Level 5	32	12	Two Semesters (One Year)	Certificate Course in Forest Management and Eco-Tourism
Level 6	64	24	Four Semesters (Two Years)	Advanced Diploma in Forest Management and Eco-Tourism
Level 7	96	36	Six Semesters (Three Years)	AEDP - B.B.A. in Forest Management and Eco-Tourism
Level 8	136	Nil	Eight Semesters (Four Years)	Apprenticeship/Internship Embedded Research Degree - B.B.A. in Forest Management and Eco-Tourism

15. Promotion/Absorption Scheme:

The ATKT rules for progression and admission of a student in various semesters shall be as given in Table 5 below:-

**TABLE - 5**

Admission to Semester	Candidate should have passed in following examinations	Eligibility for admission
Semester - I	--	As per paragraph 5 of this direction
Semester - II	--	Candidate should have appeared in at least 01 Theory paper of Semester -I
Semester - III	--	Candidate should have passed 40% passing heads, each of Semester – I & Semester II
Semester - IV	--	Candidate should have passed 40% passing heads each of Semester – I & Semester II &



		appeared in at least 01 Theory paper of Semester - III
Semester - V	Semester - I & II	Candidate should have passed 40% of passing heads of each Semester III & IV respectively.
Semester - VI	--	Candidate should have passed 40% passing heads each of Semester-III & Semester IV & appeared in at least 01 Theory paper of Semester V
Semester - VII	Semester - III & IV	Candidate should have passed 40% of passing heads of each Semester V & VI respectively.
Semester - VIII	--	Candidate should have passed 40% passing heads each of Semester-V & Semester-VI & appeared in at least 01 Theory paper of Semester VII

**Note:**

1. For Certificate Course in BBA in Forest Management & Eco-Tourism: Candidate should have passed Semester - I & Semester-II.
  2. For Diploma Course in BBA in Forest Management & Eco-Tourism: Candidate should have passed Semester - I, II, III & IV.
  3. For Embedded Degree Course in BBA in Forest Management & Eco-Tourism: Candidate should have passed in I, II, III, IV, V & VI Semesters.
  4. For Embedded Research Degree Course in BBA in Forest Management & Eco-Tourism: Candidate should have passed in I, II, III, IV, V, VI, VII and VIII Semesters.
16. The Candidate who exits from the first year that is after completing Certificate Course and desires to continue in the B.B.A. (Forest Management and Eco-Tourism) Course can be directly admitted to Second year of the said course. The candidate who exits from the second year that is after completing advanced diploma and desires to continue in the B.B.A. (Forest Management and Eco-Tourism) Course can be directly admitted to Third year of the said course. Similarly the candidate who exits from the third year that is after completing AEDP and desires to continue in the B.B.A. (Forest Management and Eco-Tourism) Course can be directly admitted to Fourth year of the said course.

17. **Model Credit-Grade System**

As per the guidelines suggested by UGC for all the central, state and deemed universities in India, it is now mandatory to adopt credit system in place of conventional system comprising of marks and grades for all the undergraduate programs. The central idea of the system is that a student has to earn a prescribed minimum number of credits to fulfill the requirements of graduation. The credit system has to be designed uniformly together with a suitable continuous evaluation and a well-articulated system of grading.

- (i) All evaluations of different components of a course specified in the course plan i.e. scheme shall be done in marks for each students.
- (ii) The marks of various components of Internal Assessment and university conducted examination i.e. ESE shall be added to get total marks secured for the given course. For example, out of a total of 100 marks for theory subjects.
- (iii) Then letter grades are assigned numerical equivalents called Grade Points, GP on a 10-point scale and are correlated with percentage score of the student in the given course as shown in the Table 6 given below.
- (iv) For the given course, the adopted criteria of percentage marks given below shall then be used for the computation of grades and grade points.
- (v) 'F' grade stands for failure in that course examination. The course (s) in which a student has earned F- grade will be termed as back-log i.e. course (s) under ATKT. Such a student will be required to reappear in the given course examination as per the specified provision.
- (vi) 'X' grade is awarded to a student who is absent in the examination or is not allowed to appear or could not appear in end semester examination (ESE) in a particular subject due to any reason, though he might have undergone other components of Internal Assessment, Practical etc. Such students will be required to reappear in the given subject in which he/she has secured 'X' grade.

**Table 6: Criteria for Award of Grades**

Grade	Percentage Score	Grade points
O	75-100	10
A	60-74	09
B	55-59	08
C	45-54	07
D	40-44	06
E	0-39	00
X	Absent in Examination	--

- (vii) Credit Points (CP)

Credit points stands for performance of student in a particular subject. They are product of total credits of a subject and grade point secured by the student in the given subject.

(viii) Semester Grade Point Average (SGPA)

It is indicative of performance of a student in the given semester. The Grade Point Average for a semester is obtained by adding the products of Actual Grade Points and relative weightages for different subjects as shown in the course scheme for respective semester and dividing the total by the total credit hours for that semester as illustrated below.

$$SGPA = [C_iG_i + C_{ii}G_{ii} + \dots + C_nG_n] / (C_i + C_{ii} + \dots + C_n)$$

Where, C – No of Credits of individual subject

G–Corresponding grade point obtained in respective subject

Cumulative Grade Point Average (CGPA)

The Cumulative Grade Point Average (CGPA) is indicative of the overall academic performance of a student in all the subjects registered up to and including the latest completed semester. It is the cumulative total of the products of actual grade point and its weightage upto last semester divided by total credits of all the semesters.

$$CGPA = (\sum SGPA_n C_n) / (\sum C_n)$$

- (ix) A student who PASSES in the each head of passing shall be granted exemption in that paper. But, if he passes in practical and fails in combined head of (ESE+IA) of a subject, shall reappear for the ESE of the given subject. However, his/her marks of the IA and P shall be carried over and he/she shall be entitled for grade obtained by him/her on passing of the end semester examination of the given subject.
- (x) A student who FAILS in the Practical/Project but PASSES in the ESE+IA of a subject shall submit and reappear for the Practical/Project for that subject. However, his/her marks of the ESE+IA shall be entitled for the grade obtained by him/her on qualifying in the Practical/Project evaluation.
- (xi) The marks for the IA or Practical/Project shall be forwarded by Principal/Head of the Institution to the University as per the Schedule.

- (xii) If a student is permitted to repeat any semester/course, the new letter grade will replace the old letter grade in the computation of the SGPA and further that every student will have only one grade-sheet for every semester and the last semester grade-sheet to indicate CGPA based on the adapted criteria for the Award of the Degree.

#### ABBREVIATIONS USED

- a. C : Credits
  - b. G : Grade
  - c. GP : Grade Points
  - d. CP : Credit Points
  - e.  $\Sigma C$  : Sum of Credits points
  - f. CG : Credits X Grades (Product of Credits & Grades)
  - g.  $\Sigma CG$  : Sum of Product of Credits & Grades points
- (xiii) The medium of instruction and examinations shall be English for B.B.A. Courses specified in this Direction.
- (xiv) The number of paper and maximum marks assigned to each paper and minimum marks an examinee must obtain in order to pass the given examination are as prescribed in the respective course and examination Schemes attached under Appendix A with this Direction.
- (xv) The examinee at each of the examination shall have option of not being declared successful at the examination in case he/she does not secure a minimum of 40% marks at the examination. Once this option is exercised, the option shall be binding on the examinee for that Semester examination only and it shall not be revoked under any circumstances.

An unsuccessful examinee, at any of the above examination shall have an option to carry his/her Internal Assessment and Practical marks for theory with or without having practical part to his/her successive attempt at the examination.

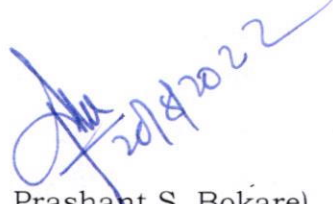
The examinee, however can forego his/her Internal Assessment marks for the subjects, in which case he/she shall be examined for a total of marks comprising the Internal Assessment & ESE or Internal Assessment, Practical and ESE together to form the min. passing marks of 40% at his/her successive attempts of the examination. Such an option may be availed by the examinee by indicating the same in his/her Application form for Examination and this option once exercised, it shall be -Final and Binding on the concerned examinee.

- (xvi) The external (Private) Candidates are not allowed for this programme
- (xvii) The provisions of Ordinance to provide grace marks for passing in a particular head and regarding improvement of Division (Higher class) and Condonation of Deficiency of marks in a subject shall apply to each examination under this Direction.
- (xviii) Every student has right to challenge the evaluation, if he/she failed in such paper of any doubt in his/her scoring as per the provisions made in respective Direction by the Affiliating University.

The provision regarding Revaluation/Challenge valuation for the given subject of a particular End Semester Examination shall be applicable as specified in the relevant Direction.

- (xix) The candidate may take all the examinations as per the provisions of ATKT Rules simultaneously but his result of final Semester shall not be declared unless he is declared successful at all lower semester examinations.
- (xx) If an examinee failed to pass the under graduate programme within six successive years from the date of his/her first admission to particular programme, he/she shall be declared as -Not Fit for the Course (NFC) and he/she will not be allowed to appear further for any previous examination of the course. An ex-student for any Examination under this Direction shall be eligible for readmission to the subsequent Examination on payment of fresh and any such other fees as may be prescribed on this behalf.
- (xxi) As per the provision under section 89 of the M. P. U. Act 2016, after the completion of Semester End examinations, the Board of Examination and Evaluation shall publish a list of successful examinees at the end of Semester I, II, III, IV, V, VI, VII and VIII Examinations respectively.
- (xxii) Notwithstanding anything to the contrary in this Direction, no person shall be admitted to an examination under this Direction, if he has already passed that examination or an equivalent examination of any other Statutory University.
- (xxiii) The examinee who have secured pass grade-D in all the subjects prescribed for all the examinations shall be eligible for the award of respective program in which he/she is enrolled under the Faculty of Commerce and Management.

- (xxiv) The Classification of Division of Examinees for the award of the Certificate Course/Advanced Diploma/Embedded Degree/Research Degree courses specified in this Direction shall be on the basis of Cumulative Grade Point Average CGPA evaluated by accounting SGPA of respective Semesters viz Semester I and II for certificate course, Semester III and IV for advanced diploma, Semester V & VI for the embedded degree course and Semester VII & VIII for the research degree course.
- (xxv) The Degree, in the prescribed form, shall be signed by the Hon'ble Vice-Chancellor.
18. Successful examinees at the Certificate Course/Advanced Diploma/Embedded Degree/Research Degree examinations shall be entitled to receive a Certificate signed by the Director, Board of Examination & Evaluation and successful examinees at the end of B.B.A. (Forest Management and Eco-Tourism) Semester-II or Semester-IV or Semester-VI or Semester-VIII examination shall, on payment of prescribed fees, receive a concerned degree in the prescribed format, signed by the Vice-Chancellor.
19. In the event of any queries regarding interpretation/application of any provision of this Direction or any other matter which is not covered within the ambit of this direction, the same shall be referred for the decision to the Dean of the concerned faculty or alternatively to the Board of Deans if felt necessary.
20. For any other matter pertaining to the programme/courses mentioned in this Direction and its implications, which is beyond the purview of this Direction, shall be referred to the Vice-Chancellor and that the decision in the regard by the Vice-Chancellor shall be final and binding to all the concerned.

  
(Dr. Prashant S. Bokare)  
Vice-Chancellor

Place: Gadchiroli  
Date: 17/08/2022

**Appendix – A: Teaching & Examination Scheme**  
**CERTIFICATE (ONE YEAR), ADVANCED DIPLOMA (TWO YEARS), BACHLOR OF BUSINESS ADMINISTRATION**  
**(THREE YEARS DEGREE COURSE – SEMESTER PATTERN)**  
**FOREST MANAGEMENT AND ECO-TOURISM**  
**B.B.A. (Semester I)**

**A] General Education Component Credits: 9**

Sr. No	Subject	Teaching Scheme Hrs/Week					Examination Scheme							
		Credits	Theory Period	Pr-Period	Total Periods	Duration Hrs	Theory				Practical			
Max Th.	Max IA						Total	Min Pass	Du Hrs	Max Mar Pr.	Min Pass Mar.	Total Marks Th.Pr.IA		
1.	English and Communicative English –I	3	3	-	3	2	60	15	75	30	-	-	-	75
2.	Soft Skill Development –I	3	3	-	3	2	60	15	75	30	-	-	-	75
3.	Aptitude Development –I	3	3	-	3	2	60	15	75	30	-	-	-	75
	<b>Total</b>	<b>9</b>	<b>9</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>180</b>	<b>45</b>	<b>225</b>	<b>--</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>225</b>

**B] Skill Development Component Credits: 27**

Sr. No.	Theory Paper/ Practical	Subjects	Teaching Scheme(Hrs/Week)			Credits	Examination Scheme					
			Th	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks (Th)	Internal Marks (IA)		Th.	Pr.
1	Paper-I	Forest Management and Plantation Forestry	6	-	6	6	3	70	30	100	40	-
2	Paper-II	Principles and Practices of Tourism and Hospitality	6	-	6	6	3	70	30	100	40	-
3	Practical-I /Workshops –I /Labs-I	Practical based on Paper I of Skill Development	-	10	10	5	4	50	50	100	-	50
4	Practical-II- Workshops –II /Labs-II	Practical based on Paper II of Skill Development	-	10	10	5	4	50	50	100	-	50
5	Field Work / Industrial Visit / Internship / Project (Report writing)	-	-	10	10	5	-	-	100	100	-	50
	<b>Total</b>		<b>12</b>	<b>20</b>	<b>32</b>	<b>27</b>	<b>-</b>	<b>240</b>	<b>260</b>	<b>500</b>	<b>--</b>	<b>--</b>

Note:

1. Th=Theory; Pr = Practical; WS=Workshops/ LB=labs/ PR=Project/FW=Field Work/INT=Internship IA = Internal Assessment. Minimum marks for passing will be 40% of the total marks allotted to that paper /practical.

**Credit Calculations:** (1) One credit would mean equivalent of 15 periods of 60 minutes each for Theory. (2) For practical /project /internship/Field work, the Credit Weightage for equivalent hours shall be 50% of that for theory. (3) The strength of Batch of Practical /Workshop / internship / Field visit / Project for Under Graduates classes shall be 20 with additional of 10%.

**Teaching & Examination Scheme**  
**CERTIFICATE (ONE YEAR), ADVANCED DIPLOMA (TWO YEARS), BACHLOR OF BUSINESS ADMINISTRATION**  
**(THREE YEARS DEGREE COURSE – SEMESTER PATTERN)**  
**FOREST MANAGEMENT AND ECO-TOURISM**  
**B.B.A. (Semester II)**

**A] General Education Component Credits: 9**

Sr. No	Subject	Credits	Teaching Scheme Hrs/Week			Examination Scheme								
			Theory Period	Pr Period	Total Periods	Theory				Practical				
						Duration Hrs	Max Th	Max IA	Total	Min Pass	Du Hrs	Max Mar Pr.	Min Pass Mar.	Total Marks Th Pr. IA
1.	English and Communicative English –II	3	3	-	3	2	60	15	75	30	-	-	-	75
2.	Soft Skill Development –II	3	3	-	3	2	60	15	75	30	-	-	-	75
3.	Aptitude Development –II	3	3	-	3	2	60	15	75	30	-	-	-	75
<b>Total</b>		<b>9</b>	<b>9</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>180</b>	<b>45</b>	<b>225</b>	<b>--</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>225</b>

**B] Skill Development Component Credits: 27**

Sr. No.	Theory Paper/ Practical	Subjects	Teaching Scheme(Hrs/Week)			Credits	Examination Scheme					
			Th	Pr.	Total		Duration (Hrs)	Max. Marks		Total Marks	Min. Passing Marks	
								External Marks (Th)	Internal Marks (IA)		Th.	Pr.
1	Paper-I	Nursery and Wild Life Management	6	-	6	6	3	70	30	100	40	-
2	Paper-II	Marketing Management for Tourism Industry	6	-	6	6	3	70	30	100	40	-
3	Practical-I /Workshops –I /Labs-I	Practical based on Paper I of Skill Development	-	10	10	5	4	50	50	100	-	50
4	Practical-II- Workshops –II /Labs-II	Practical based on Paper II of Skill Development	-	10	10	5	4	50	50	100	-	50
5	Field Work / Industrial Visit / Internship / Project (Report writing)	-	-	10	10	5	-	-	100	100	-	50
<b>Total</b>			<b>12</b>	<b>20</b>	<b>32</b>	<b>27</b>	<b>-</b>	<b>240</b>	<b>260</b>	<b>500</b>	<b>--</b>	<b>--</b>

Note:

2. Th=Theory; Pr = Practical; WS=Workshops/ LB=labs/ PR=Project/FW=Field Work/INT=Internship IA = Internal Assessment. Minimum marks for passing will be 40% of the total marks allotted to that paper /practical.

**Credit Calculations:** (1) One credit would mean equivalent of 15 periods of 60 minutes each for Theory. (2) For practical /project /internship/Field work, the Credit Weightage for equivalent hours shall be 50% of that for theory. (3) The strength of Batch of Practical /Workshop / internship / Field visit / Project for Under Graduates classes shall be 20 with additional of 10%.



# Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A.)

## Skill Development Component – Forest Management and Eco-Tourism (Semester- I)

Paper I – Forest Management and Plantation Forestry

**Course Objectives:** To acquaint the students about general principles of forest management, working plan and policies.

UNIT NO.	TOPICS
UNIT I	<b>FOREST MANAGEMENT &amp; POLICIES: -</b> Principles of forest management and their applications. Objects of management, purpose and policy. Sustained and progressive yield concept and meaning. General definitions – management and administrative units, felling cycle, cutting section, policy frame work of forests Rotation & Yield Regulations.
UNIT II	<b>ROTATIONS:</b> Definition, kinds of rotations, choice of rotations, length of rotations and conversion period. Normal forest: definition and concept. Even aged and unaveraged models. Estimation of growing stock, density, quantity and increment.
UNIT III	<b>ROLE OF PLANTATION FORESTRY IN MEETING THE WOOD DEMAND: –</b> Plantation forestry in India and abroad, Purpose of plantation, Factors determining scale and rate of plantation, Land suitability and choice of plantation species. Establishing plantation, planting programme, time of planting, planting pattern. spacing, plating method.
UNIT IV	Pruning and thinning of plantation for quality wood production, Rotation in plantation. Impact of interaction and integration of plantation forestry, Protective Afforestation, afforestation of inhospitable sites, Ecological factors and long-term productivity, Sustainable yield from plantation. Case studies in plantations of regional plants, Wasteland plantation, Industrial plantation.

### REFERENCES

1. Chaturvedi AN & Khanna LS. 1994. Forest Mensuration. International Book Distributors.
2. Dwivedi AP. 1993. Forestry in India. Surya Publ. National Forest Policy 1988.
3. Ministry of Environment and Forests. Govt. of India.
4. Ram Prakash 1986. Forest Management. International Book Distributors.

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# Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A.)

## Skill Development Component – Forest Management and Eco-Tourism (Semester- I)

Paper II - Principles and Practices of Tourism and Hospitality

### Course Objectives:

- To invoke interest in the students with basic concepts and contents of Tourism and Hospitality Studies
- To acquire an in-depth knowledge about the tourism products and operations

UNIT NO.	TOPICS
UNIT I	<ul style="list-style-type: none"><li>- Concept, Meaning and Characteristics of Hospitality Services, Brief Introduction of Hospitality Services- Tourism, Food Services, Accommodation, Transportation, Recreational Services</li><li>- Other Auxiliary Services of Hospitality Service Sector- Tour Guide, Escort Travel Agents, and Theme Park Crew, Scope and Prospects of Hospitality Sector in India</li></ul>
UNIT II	<ul style="list-style-type: none"><li>- Definition, Meaning, Nature and Scope of Tourism; Typology, Forms and Characteristics of Tourism, Classification of Tourism, Tourism an Overview-Components (5A's Attraction, Accessibility, Accommodation, Amenities and Activities)</li><li>- Nature and Meaning of Hospitality Services, Concept and Historical Evolution of Hospitality Industry - Global and Indian Context, Inter-relationships between Tourism and Hospitality Industry</li></ul>
UNIT III	<ul style="list-style-type: none"><li>- Meaning, Definitions, and Characteristics of Tourism Products, Different Types of Tourism Products, Tourism Area Life Cycle</li><li>- Elements and Characteristics of Tourism Products, Typology of Tourism Products, Unique Features of Tourism Products in India, Geography of India -Physical Features of Tourism Products</li><li>- Types, Classification and Importance of Accommodation Industry,</li><li>- Tourism related Other Services- Guides Services and Souvenir Industry</li></ul>
UNIT IV	<ul style="list-style-type: none"><li>- Role of Transport in Tourism, General Information about Indian Railways, Brief History of IRCTC, Types of Trains &amp; Tracks, Railway Reservation and e-ticket, Modes, Circle Trip, Passenger Amenities IRCTC</li><li>Major Airlines and Airports in India - Airport Facilities for Passengers, Ground Handling (Passenger's &amp; Cargo), Departure and Arrival Formalities: Check in, Emigration, Customs &amp; Security, Immigration, Baggage Clearance, Customs, Channels</li></ul>

### PRACTICAL BASED ON ALL 4 UNITS:

- Case Studies & Surveys
- Problem Analysis of the Tourism and Hospitality Industry

### REFERENCES

- Tourism Management by Dr. Subhada Marathe, Himalaya Publishing House, Mumbai, 2016
- Hospitality Management, Gajanan Shirke, Shroff Publisher, Navi Mumbai, 2011
- Handbook of Hospitality Management, Edited- Bob Brotherton & Roy C. Wood, Sage Publication Ltd., New Delhi, 2008
- International Encyclopedia of Hospitality Management Edited-Abraham Pizam, A Butterworth-Heinemann Publication, United Kingdom, 2010
- Travel Agency and Tour Operation: Concepts and Principles, Jagmohan Negi, Kanishka Publishing House, Mumbai, 2013
- The Business of Travel Agency and Tour Operations Management, A.K. Bhatia, Sterling Publishers Pvt. Ltd, New Delhi, 2013
- Airport Operations, John R. Beasley, Norman Ashford and Pierre Coutu, McGraw-Hill Education, Mumbai, 2012
- Tourism Products, Manoj Dixit, New Royal Book Publication, New Delhi, 2001

**Gondwana University, Gadchiroli**  
**Bachelor of Business Administration (B.B.A.)**  
**Skill Development Component – Forest Management and Eco-Tourism**  
**(Semester- II)**

Paper I – Nursery and Wild Life Management

**Course Objectives:**

To understand the importance of Nursery Management in human welfare, principles of plant propagation, techniques, general knowledge of the methods of propagation, modern technology in horticultural plants, basic concepts of landscaping, gardening designing.

UNIT NO.	TOPICS
UNIT- I	<p><b>INTRODUCTION, IMPORTANCE, DEVELOPMENT, ESTABLISHMENT OF NURSERY:</b></p> <p>Types of plant Nurseries-</p> <ul style="list-style-type: none"> <li>• Fruit plant Nurseries</li> <li>• Vegetable nurseries</li> <li>• Ornamental plant nurseries Cacti and succulents, ferns, palms and foliage plants.</li> <li>• Medicinal and Aromatic plants nurseries</li> <li>• Forest plant nurseries</li> </ul> <p>Soil and climate of Nursery, Topography, Wind, Elevation of Nursery place, Irrigation and Drainage facilities. All types of insects and diseases, soil and preparation of Nursery with water management. Harvesting, packing, storage and marketing of nursery stock.</p>
UNIT II	<p><b>GARDENING</b> – ornamental gardens, indoor gardens, kitchen gardens, terrestrial and aquatic gardens, garden designing- Working knowledge and identification of garden tools and implements.</p> <p>Physical control of plant growth- training and pruning – selection of plant, bonsai containers and method of bonsai formation.</p>
UNIT III	<p><b>BASIC INTRODUCTION TO WILDLIFE:</b>Brief ecology of some important wildlife (Mammals, Birds, Reptiles and Insects) Explain the ecological characteristics of .....</p> <ul style="list-style-type: none"> <li>• Mammals: Deer, Tiger, Leopard cat, wild dog, black bear, bat.</li> <li>• Birds: Peacock, storks, crane (Sarus), crow, sparrow, parrot, owl.</li> <li>• Reptiles: Python, crocodiles</li> </ul> <p>Insects: Termite, Bee, silkworm</p>
UNIT IV	<p><b>WILD LIFE VALUES, POPULATION AND AREA MANAGEMENT:</b></p> <ul style="list-style-type: none"> <li>• Wildlife values: Elaborate the value of wildlife. Describe about different values of wildlife i.e. positive, direct and indirect, Consumptive and non-consumptive.</li> <li>• population dynamics: overview the different parameters of population dynamics: Fatality and Mortality, Age structure, Sex ratio, Migration (immigration and emigration), Population growth.</li> </ul>

	<ul style="list-style-type: none"> <li>• Population estimation techniques : List the methods of wildlife population estimation. Explain the different method of wildlife population. (Mark and recapture technique, Transect surveys, Pellet-group counts, Roadside counts (cervids), call and nest counts (birds))</li> <li>• <b>Protected Area Management</b> :- Explain about the practice of national park and wildlife management in Gadchiroli and Chandrapur district. National parks and wildlife reserves, Buffer Zone, Hunting reserve conservation area.</li> <li>• Buffer-zone Management: buffer-zone management and acquired skills on practice of buffer zone management. Definition, Importance, techniques, park-people conflict and its management, people's participation for conservation.</li> </ul>	
<b>PRACTICAL BASED ON ALL 4 UNITS</b>		
<ol style="list-style-type: none"> <li>1. Study of Nursery tools and implements and their uses.</li> <li>2. Establishment of Nursery.</li> <li>3. Gardening tools and implements.</li> <li>4. Visit a well established nursery and submit report.</li> </ol>		
<b>REFERENCES</b>		
<ol style="list-style-type: none"> <li>1. Plant Propagation and Nursery Husbandry – G.S. Saini (Hindi &amp; English)</li> <li>2. Udhyan Vigyan – Dr. S. S. Shrivastav (Hindi)</li> <li>3. Plant Propagation &amp; Nursery Management – R.R. Sharma &amp; Manish Shrivastav</li> <li>4. Plant Propagation and Nursery Husbandry – Dr. J.V.S. Yadav.</li> </ol>		

<b>PRACTICAL BASED ON ALL 4 UNITS</b>		
<ol style="list-style-type: none"> <li>1. Identification of animals and their specimen.</li> <li>2. identification of deer horn, skull of tiger and leopard, specimen of reptiles and birds.</li> <li>3. population estimation in fields (Transect survey, road side count, Antler count, call and nest count)</li> <li>4. preservation of collected specimens.</li> </ol>		
<b>REFERENCES</b>		
<ul style="list-style-type: none"> <li>• Dashmann, R. F. 1964. Wildlife Biology. Rep (2011) New Delhi India.</li> <li>• Menon, V. 2014. Indian Mammals. A Field Guide. Wildlife Trust of India</li> <li>• Prater, S. H. 1971. The Book of Indian Mammals. Third (Revised) Edition Rep 16. Bombay Natural History Society. Bombay Society and Oxford University press, India</li> <li>• Singh, S. K. 2005. Text Book of Wildlife Management Techniques. International Book Distributing Co. Charbagh, Lucknow, India.</li> </ul>		

**Gondwana University, Gadchiroli**  
**Bachelor of Business Administration (B.B.A.)**  
**Skill Development Component – Forest Management and Eco-Tourism**  
**(Semester- II)**

Paper II - Marketing Management for Tourism Industry

**Course Objectives:**

- Understand the concept of marketing and its application in Tourism and Hospitality Industry
- Able to understand how to segment, target and position for hospitality product and to develop a marketing plan

UNIT NO.	TOPICS
UNIT I	-Physical Products Vs Services, Services Marketing Mix, Characteristics of Services Product, Services Marketing Triangle -Concept, Hospitality and Travel Marketing System, Eight P's of Hospitality Marketing, Hospitality and Tourism Marketing Environment, Hospitality and Tourism Customers
UNIT II	- Characteristics of Hospitality and Tourism Marketing, Strategies to Manage Characteristics of Services, Consumer Markets and Buying Behaviour -Destination Marketing, Development of New Products, Preparation of Marketing Plan, Direct Marketing, Sales Promotion, Viral Marketing
UNIT III	- Market Segmentation, Targeting and Positioning, Designing and Managing Products, Core Products, Facilitating Products, Supporting Products, Branding, Internal and Interactive Marketing, Marketing Mix Strategies
UNIT IV	- Pricing of Hospitality Products, Pricing Strategies, New-Product Pricing, Existing Product Pricing, Psychological Pricing and Promotional Pricing, Other Pricing Considerations, Distribution Channels, Nature and Importance of Distribution System, Marketing Intermediaries – Travel Agents and Tour Wholesalers and Retailer, Building Customer Loyalty

**PRACTICAL BASED ON ALL 4 UNITS**

- Case Studies & Surveys.
- Analysis and Application of the Tour Operations and Transportations, Airport related Management based Activities

**REFERENCES**

- Marketing for Hospitality and Tourism: Philip Kotler, John Bowen and James Makens, Pearson Publishing House, Mumbai, 1990.
- Hospitality and Travel Marketing, Alastair M. Morrison, Cengage Publishing, Boston, 1990
- Tourism Management and Marketing: A. K Bhatia, S Chand & Co Publication, Mumbai, 1998.
- Tourism Marketing- Principles, Policies and Strategies: Ratandeep Singh, Himalaya Publication, Mumbai, 1995

## Question Paper Pattern

Bachelor of Business Administration (BBA) Sem. I

### A] General Education Component

**Subject: 1. English and Communicative English**  
**2. Soft Skill Development**  
**3. Aptitude Development**

**Time : 3 Hours**

**Max. Marks : 60**

Q. 1.	(a) Long question of Unit- I		12 Marks
		OR	
	(b) Long question of Unit I		12 Marks
Q. 2.	(a) Long question of Unit- II		12 Marks
		OR	
	(b) Long question of Unit II		12 Marks
Q. 3.	(a) Long question of Unit- III		12 Marks
		OR	
	(b) Long question of Unit III		12 Marks
Q. 4.	(a) Long question of Unit- IV		12 Marks
		OR	
	(b) Long question of Unit IV		12 Marks
Q. 5	Write in short		
	(a) Unit – I		3 Marks
	(b) Unit – II		3 Marks
	(c) Unit – III		3 Marks
	(d) Unit – IV		3 Marks

## Question Paper Pattern Format

Bachelor of Business Administration (BBA) Semester I

**BJ Skill Development Component**

**Subject: Paper I. Forest Management and Plantation Forestry and**

**Paper II. Principles and Practices of Tourism and Hospitality**

**Time: 3 Hours**

**Max. Marks : 70**

Q. 1	(a) Long question of Unit -I	OR	7 Marks
	(b) Long question of Unit -I		7 Marks
	(c) Long question of Unit -II	OR	7 Marks
	(d) Long question of Unit -II		7 Marks
	(e) Long question of Unit -III	OR	7 Marks
	(f) Long question of Unit -III		7 Marks
	(g) Long question of Unit -IV	OR	7 Marks
	(h) Long question of Unit -IV		7 Marks
Q. 2	(a) Short question of Unit – I	OR	3 Marks
	(b) Short question of Unit – I		3 Marks
	(c) Short question of Unit – II	OR	3 Marks
	(d) Short question of Unit – II		3 Marks
	(e) Short question of Unit – III	OR	3 Marks
	(f) Short question of Unit – III		3 Marks
	(g) Short question of Unit – IV	OR	3 Marks
	(h) Short question of Unit – IV		3 Marks
Q. 3	Answer the question in One line		8 Marks (1 × 8)
	(a) Unit-I		
	(b) Unit-I		
	(c) Unit-II		
	(d) Unit- II		
	(e) Unit- III		
	(f) Unit – III		
	(g) Unit -IV		
	(h) Unit – IV		
Q. 4.	Fill in the blanks (Any Six)		6 Marks (1 × 6)
	(a) Unit-I		
	(b) Unit-I		
	(c) Unit-II		



- (d) Unit- II
- (e) Unit- III
- (f) Unit – III
- (g) Unit -IV
- (h) Unit- IV

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Q. 5 Write Short Notes on (Any Four)

16 Marks (4 ×4 )

- (a) Unit-I
- (b) Unit-I
- (c) Unit-II
- (d) Unit- II
- (e) Unit- III
- (f) Unit – III
- (g) Unit -IV
- (h) Unit – IV