



GONDWANA UNIVERSITY, GADCHIROLI

DIRECTION NO. 04 OF 2025

“ADMISSION AND EXAMINATION LEADING TO THE AWARD OF THE ONE YEAR CERTIFICATE COURSE TWO YEARS ADVANCED DIPLOMA, THREE YEARS APPRENTICESHIP/ INTERSHIP EMBEDDED BACHALORS DEGREE (AEDP) AND FOUR YEAR RESEARCH DEGREE , B.B.A. IN FOREST MANAGEMENT AND ECO-TOURISM (SEMESTER PATTERN) DIRECTION, 2025”.

(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. 1st 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 Programme in the University;

AND

Whereas, National Education Policy 2020 provide 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 7th August, 2020;

AND

Whereas, the University Grants Commission has issued guidelines on dated 29th 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 13th 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 3rd February'2021;

AND

Whereas, Model Degree College Steering Committee in its meeting held on 6.05.2021 resolved to offer 50 skill-based Programme 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 Programme 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 Programme 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 its 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 purview 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 in the powers vested in me under section 12(8) of the Act and issue the following Direction:-

This Direction may be called "ADMISSION AND EXAMINATION LEADING TO THE AWARD OF THE ONE YEAR CERTIFICATE COURSE TWO YEARS ADVANCED DIPLOMA, THREE YEARS APPRENTICESHIP/ INTERSHIP EMBEDDED BACHALORS DEGREE (AEDP) AND FOUR YEAR RESEARCH DEGREE , B.B.A. IN FOREST MANAGEMENT AND ECO-TOURISM (SEMESTER PATTERN) DIRECTION, 2025".

1. This Direction shall come into force with effect from the date of its issuance.
2. Not with standing anything to the Contrary in any other Directions, Ordinances Statutes or Regulations of the University the admission for pursuing two academic programmes simultaneously. National education policy – NEP 2020 shall be regulated by this Direction.
3. In order to conduct the admission process for admitting students to full time pursuing two academic programmes in teaching departments of the Model Degree College, Gondwana University, Gadchiroli appoint the Principle as the "Competent Authority" & Coordinator.
4. In this Direction, unless the context requires otherwise, following words and phrases shall have the meaning as below:-
 - a. "Act" means the Maharashtra Public Universities Act, 2016
 - b. Model Degree College
 - c. Definition of NEP - 2020
 - d. "ATKT" means "Allowed to Keep Term" in the higher semester, as per the rules herein.
 - e. Board of Studies" means Board of studies of the University in the discipline/ subjects concerned.
 - f. "Course "means a theory, practical or a sectional subject prescribed in any semester and which carries maximum marks and minimum passing marks.

- g. "Degree" means Bachelor's Degree in Forest Management and Eco-Tourism.
 - h. "Student" means student admitted to Diploma, Advanced diploma and Bachelor's Degree under this Direction.
 - i. "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. In this pursuing two academic programmes simultaneously in Model Degree College in 2022 - 23. a student can pursue two full time academic programmes in physical mode provided that in such cases, class timings for one programme do not two with the class timings of the other programme.
7. The admission a student can pursue two academic programmes, one in full time physical mode and only another's in Open and Distance Learning (ODL)/Online mode; or up two ODL/Online programmes simultaneously.
8. The admission of Model Degree College, Degree or diploma programmes under ODL/Online mode shall be pursued with only such HELS which are recognized by UGC/Statutory Council/Govt. Of India for running such programmes.
9. In the Model Degree College, Degree, diploma & certificate programmes under these guidelines shall be governed by the Regulation notified by the UGC and also the respective statutory/professional council, wherever applicable.
10. These direction support by guidelines shall come into effect from the date of their notification by the UGC, No retrospective benefit can be chained by the students who have already done two academic programmes simultaneously prior to the notification of these guidelines.
12. Bonafide certificate mentioning pursuing academic programme timing issued by the principal of the college should be submitted to get admitted into second academic programme simultaneously.

13. Second academic programme to be enrolled preferably in the same college is not possible, the another college location should be reachable in due course ie in.
 14. Mandatory cas per UGC/University is must for both academic programmes to appear University exams.
 15. Scholarship/Free ship tram concerned Department's is applicable for only one academic programme TC applicable)
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 6th 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

Award	Duration	Corresponding NSQF level
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 :-

Name of Faculty	Duration of the Programme	Name of the Course
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) programme 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 programme 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:-

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 programme (One Year), Advanced Diploma(Two Years), Three Year Embedded Degree Course in B.B.A. (Forest Management and Eco-Tourism andFour Year Embedded Research Degree programme 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 those 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 programme 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 & VISemesters.
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) programme can be directly admitted to Second year of the said programme. 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) programme 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) programme can be directly admitted to Fourth year of the said course.

17. Model Credit-Grade System

As per the guidelines suggested by the 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. ΣC :Sum of Credits points
 - f. CG : Credits X Grades (Product of Credits & Grades)
 - g. ΣCG : 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 programme (NFC) and he/she will not be allowed to appear further for any previous examination of the programme. 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 programme /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 programme /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 it is 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 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: 27/01/2025

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

A] General Education Component Credits: 9

Sr. No	Subject	Credits	Teaching Scheme Hrs/Week			Examination Scheme								
			Theory Period	Pr Period	Total Periods	Theory					Practical				Total Marks Th,Pr,IA
						Duration Hrs	Max Th.	Max IA	Total	Min Pass	Du Hrs	Max Mar Pr.	Min Pass Mar.	
1.	English and Communicative English –I	2	3	-	3	2	60	15	75	30	-	-	-	75
2.	Soft Skill Development –I	2	3	-	3	2	60	15	75	30	-	-	-	75
3.	Aptitude Development –I	2	3	-	3	2	60	15	75	30	-	-	-	75
	Total	6	9	-	9	-	180	45	225	--	-	-	-	225

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
	Total		12	20	32	27	-	240	260	500	--	--

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
(FOUR YEAR 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	2	3	-	3	2	60	15	75	30	-	-	-	75
2.	Soft Skill Development –II	2	3	-	3	2	60	15	75	30	-	-	-	75
3.	Aptitude Development –II	2	3	-	3	2	60	15	75	30	-	-	-	75
	Total	6	9	-	9	-	180	45	225	--	-	-	-	225

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
	Total		12	20	32	27	-	240	260	500	--	--

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%.

Teaching & Examination Scheme
CERTIFICATE (ONE YEAR), ADVANCED DIPLOMA (TWO YEARS), BACHELOR OF BUSINESS

ADMINISTRATION (THREE YEARS DEGREE COURSE - SEMESTER PATTERN)
FOREST MANAGEMENT AND ECO-TOURISM

B.B.A. SEMESTER III

A. General Education Component Credits : 9

Sr. No.	Subjects	Teaching Scheme Hrs/Week	Credits	Theory Period	Pr. Period	Total Periods	Examination Scheme								
							Theory				Practical				Total Marks (Th. Pr. IA)
							Duration Hrs	Max. Th.	Max. IA	Total	Min. Pass.	Du. Hrs.	Max. Pr. Mark	Min. Pass. Mark	
1	Communication Skills and Development-I	3	3	6	...	6	1	60	15	75	30	...	...	...	75
2	Soft Skill Development-I	3	3	6	...	6	1	60	15	75	30	...	...	...	75
3	Research Methodology -I	3	3	6	...	6	1	60	15	75	30	...	...	...	75
	Total	9	9	18	...	18	3	180	45	225	90	...	...	...	225

B. Skill Development Component Credits : 18

Sr. No.	Theory Paper/ Practical	Subjects	Teaching Scheme Hrs/Week	Credits	Theory Period	Pr. Period	Total Periods	Duration min.	Examination Scheme				
									Max. Marks		Total Marks	Min. Pass. Marks	
									External Marks (Th.)	Internal Marks (IA)		Th.	Pr.
1	Paper I	Eco- Tourism Management	5	10	...	10	60	70	30	100	40	...	
2	Paper II	Forest Resource Assessment and Technology	5	10	...	10	60	70	30	100	40	...	
3	Practical I/ Workshops I/ Labs I	Practical Based on Paper I of Skill Development	3	...	6	6	60	50	50	100	...	50	
4	Practical II/ Workshops II/ Labs II	Practical Based on Paper II of Skill Development	3	...	6	6	60	50	50	100	...	50	
5	Field Work/ Industrial Visit/ Internship/Project (Report Writing)	...	2	...	4	4	60	...	100	100	...	50	
		Total	18	20	16	36	300	240	260	500	...	...

NOTE- 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 visit/ Project for Under Graduates classes shall be 20 with additional of 10%.

Teaching & Examination Scheme
 CERTIFICATE (ONE YEAR), ADVANCED DIPLOMA (TWO YEARS), BACHELOR OF BUSINESS
 ADMINISTRATION (THREE YEARS DEGREE COURSE - SEMESTER PATTERN)

FOREST MANAGEMENT AND ECO-TOURISM

B.B.A. SEMESTER IV

Sr. No.	Subjects	Credits	Theory Period	Pr. Period	Total Periods	Duration Hrs	Theory					Practical		Total Marks (Th. Pr. IA)
							Max. Th.	Max. IA	Total	Min. Pass.	Du. Hrs.	Max. Pr. Mark	Min. Pass. Mark	
1	Communication Skills and Development -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	Research Methodology -II	3	3	...	3	2	60	15	75	30	...	...	...	75
	Total	9	9	...	9	6	180	45	225	90	...	...	...	225

B. Skill Development Component Credits : 27

Sr. No.	Theory Paper/ Practical	Subjects	Teaching Scheme Hrs/Week	Credits	Theory Period	Pr. Period	Total Periods	Duration Hrs	Examination Scheme			Min. Pass. Marks	
									External Marks (Th.)	Internal Marks (IA)	Total Marks	Th.	Pr.
1	Paper I	Eco-Tourism Project Management	6	6	...	6	3	70	30	100	40	...	
2	Paper II	Integrated Forest Management Through Research and Implementation	6	6	...	6	3	70	30	100	40	...	
3	Practical I/ Workshops I/ Labs I	Practical Based on Paper I of Skill Development	5	...	10	10	4	50	50	100	...	50	
4	Practical II/ Workshops II/ Labs II	Practical Based on Paper II of Skill Development	5	...	10	10	4	50	50	100	...	50	
5	Field Work/ Industrial Visit/ Internship/ Project (Report Writing)	...	5	...	10	10	...	...	100	100	...	50
		Total	27	12	30	42	...	240	260	500	...	...

NOTE- 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 visit/ Project for Under Graduates classes shall be 20 with additional of 10%.

Gondwana University, Gadchiroli

CBCS 2020 U.G. PROGRAMME

SESSION 2024-25

Faculty of Commerce and Management

**B.B.A (Forest Management
and Eco Tourism) Syllabus**

**Note: For Details about assessment, practical examination, Paper Pattern, kindly refers
Appendix**

B.B.A (Forest Management and Eco Tourism)
Semester – I

Gondwana University, Gadchiroli
Bachelor of Business Administration (B.B.A.)
General Education Component – Forest Management and Eco-Tourism
(Semester- I)

Paper I – English and Communicative English

Course Objectives:

1. To Improve the basic skills of reading, writing, listening and speaking among students of any subject
2. To prepare students to face interviews and group discussions.
3. To acquaint students with the contemporary, colloquial and idiomatic expressions in language.
4. To train them in practical letter writing and forms of business communication.

Unit I: Understanding Communication Skills

- a) What is communication, types of communication?
- b) Media of communication, channels of communication.
- c) Barriers to effective communication.
- d) Role of communication skills in society.

Unit II: Understanding Figurative language

- a) Idioms and phrases, making sentences with at least 50 contemporary idioms and phrases should be taught.
- b) Agreement of subject and verb, correct usage of prepositions.
- c) Conditional sentences.
- d) New terms from Management, Information Technology and social media should be taught.

Unit III: Letter writing:

- a) Resume writing and job application

- b) Business letters (Orders, Inquiries, Sales Letter, Complaints)
- c) Memos and replies to memos
- d) Emails

Unit IV: Presentation Skills

- a) How to effectively organize thoughts, research and data collection for speech/presentation, the use of logic and sequence, and central idea.
- b) Oral presentation, diction, tone, clarity and body language.
- c) PowerPoint presentation
- d) Time management and preparation, as well as adaptation skills, if changes occur.

Recommended Books:-

- Business Communication: Process and Product by Mary Ellen Guffey and Dana Loewy
- Essentials of Business Communication by Rajendra Pal and J.S. Korlahalli
- Business Correspondence and Report Writing by R.C. Sharma and Krishna Mohan
- Effective Business Communication by Asha Kaul
- The McGraw-Hill Handbook of Business Letters by Roy Poe

Gondwana University, Gadchiroli
Bachelor of Business Administration (B.B.A.)
General Education Component – Forest Management and Eco-Tourism
(Semester- I)

Paper-II Soft Skill Development-I

Course Objective - To impart soft skills effectively among the students for Personal, Social & Professional development.

Unit I :- Soft Skills & Overview -

Importance of soft skills, Personality development & soft skills, soft skills vs hard skills industry needs from campus to corporate important soft skills for Life success.

Unit II:- Emotional Intelligence -

Essentials of emotional intelligence, Intelligence quotient (FQ) or Emotional quotient (EQ), components of emotional intelligence, importance of ethics & Values, ways to improve emotional intelligence.

Unit III:- Self-Image Management -

What is first impression, Parts of First Impression, Types of first impression, effects of the first impression. Factors affecting self-image. Ways to make the best first impression, communication managing Stress.

Unit IV:- Team Building Co-operation -

Team building – the key for working together, group v/s team, stages in team development, how to become part of a winning team, conflict resolution negotiation skills, Meaningful relationship with family & friends.

Recommended Books:-

1. Soft Skills Enhancing Employability Connecting campus with cooperate
M. S. Rao I. K. International Publishing House Pvt. Ltd.

2. Personality Development & Soft Skills Barun Mitra

Oxford University Press

3. Enhancing Employability@ Soft Skills Shalini Verma Pearson Publication

4. Soft Skills Personality Development for Life Success

Prashant Sharma BPB Publications.

Gondwana University, Gadchiroli
Bachelor of Business Administration (B.B.A.)
General Education Component – Forest Management and Eco-Tourism
(Semester- I)

Paper-III Aptitude Development-I

Unit I :- Profit, Loss & Discount-

Gain/Loss % Gain & % Loss Relationship between Cost price, sale price, % Gain & % loss on selling price, Discount & net selling price, Discount & market price.

Unit II :- Interest-

Simple interest, Effect of change of P, R & T on simple interest, calculation of Amount, Difference between compound interest & simple interest.

Unit III:- Percentage-

Converting a percentage into decimals, converting decimals into percentages, Effect of percentage on any number, expressing a given quantity as a percentage of another given quantity.

Unit IV:- Average -

Average of different groups, the addition or removal of items and change in average, replacement of some of the items.

Recommended Books:-

1. Quantitative Aptitude for competitive examination, Abhijit Guha, Publisher – Tata McGraw Hill Education Private Ltd.
2. Quantitative Aptitude, R. S. Agrawal Publisher – S. Chand

Gondwana University, Gadchiroli

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

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

Paper IV – Forest Management and Plantation Forestry

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

UNIT NO.	TOPICS	MARKS
UNIT I	FOREST MANAGEMENT & POLICIES: - 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.	20
UNIT II	ROTATIONS:- 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.	20
UNIT III	ROLE OF PLANTATION FORESTRY IN MEETING THE WOOD DEMAND: – 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.	20
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.	20

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.

Gondwana University, Gadchiroli

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

Skill Development Component – Forest Management and Eco-Tourism

(Semester- I)

Paper V - 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	MARKS
UNIT I	<ul style="list-style-type: none">- Concept, Meaning and Characteristics of Hospitality Services, Brief Introduction of Hospitality Services- Tourism, Food Services, Accommodation, Transportation, Recreational Services- Other Auxiliary Services of Hospitality Service Sector- Tour Guide, Escort Travel Agents, and Theme Park Crew, Scope and Prospects of Hospitality Sector in India	20
UNIT II	<ul style="list-style-type: none">- 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)- Nature and Meaning of Hospitality Services, Concept and Historical Evolution of Hospitality Industry - Global and Indian Context, Inter-relationships between Tourism and Hospitality Industry	20
UNIT III	<ul style="list-style-type: none">- Meaning, Definitions, and Characteristics of Tourism Products, Different Types of Tourism Products, Tourism Area Life Cycle- 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- Types, Classification and Importance of Accommodation	20

	<p>Industry,</p> <ul style="list-style-type: none"> - Tourism related Other Services- Guides Services and Souvenir Industry 	
UNIT IV	<ul style="list-style-type: none"> - Role of Transport in Tourism, General Information about Indian Railways, Brief History of IRCTC, Types of Trains & Tracks, Railway Reservation and e-ticket, Modes, Circle Trip, Passenger Amenities IRCTC Major Airlines and Airports in India - Airport Facilities for Passengers, Ground Handling (Passenger's & Cargo), Departure and Arrival Formalities: Check in, Emigration, Customs & Security , Immigration, Baggage Clearance, Customs, Channels 	20
PRACTICAL BASED ON ALL 4 UNITS:		
<ul style="list-style-type: none"> - Case Studies & Surveys - Problem Analysis of the Tourism and Hospitality Industry 		
REFERENCES		
<ul style="list-style-type: none"> - Tourism Management, 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 		

B.B.A (Forest Management and Eco Tourism)
Semester – II

Gondwana University, Gadchiroli

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

**General Education Component – Forest Management and Eco-Tourism
(Semester- II)**

Paper I – English and Communicative English-II

Course Objectives:

1. To improve the basic reading skills. writing, listening and speaking among students of any subject
2. To prepare students to face interviews and group discussions.
3. To acquaint students with the contemporary, colloquial and idiomatic expressions in language.
4. To train them in practical letter writing and forms of business communication.

Unit I: Grammatical Focus:

- a) Grammatical & structural aspects covering parts of speech;
- b) Tense; voice; clause; preposition; degrees of comparison; synonyms & antonyms
- c) Identifying & analysing grammatical errors including errors in spelling & punctuation.

Unit II: Technical/Business Writing:

- a) Minutes of writing
- b) Report writing
- c) The key concepts of technical writing
- d) Jargon, technical and language.

Unit III: Group Discussion:

- a) Purpose of Group Discussion
- b) Types of Group Discussion

- c) Brainstorming and preparation
- d) Time Management, participation and moderation.

Unit IV: Interview Techniques:

- a) Preparation and knowledge of job profile
- b) Emotional attitudes, commitment, and positive approach
- c) Body language
- d) Expectations and negotiations

Gondwana University, Gadchiroli

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

**General Education Component – Forest Management and Eco-Tourism
(Semester- II)**

Paper II – Soft Skill Development-II

Course Objective - To understand the fundamentals of communications. To understand the importance of personality development in a professional setup. Have effective professional communication. To understand the techniques of presentation skills.

Unit I Image Building and Self-Awareness

- a) Developing Self Awareness
- b) Projecting a Winning Personality
- c) Understanding Business Etiquette
- d) Developing Self Awareness

Unit II Assertive Communication Skills

- a) Understanding the concept of assertiveness
- b) Assertiveness skills and techniques
- c) Assertive coping mechanisms and strategies
- d) Time management and Stress management

Unit III Culture and Communication

- a) Communication across cultures
- b) Customers from Overseas
- c) Customers at home
- d) The nature of the industry

Unit IV Selling skills :

- a) Developing selling skills and initiating sales conversation
- b) Questioning techniques, presenting the products
- c) Handling objections and closing the sale
- d) Social Responsibility in Communication

Reference books

- Lesikar, R. V., Pettit, J. D., & Flatley, M. E. (2004). Lesikar's Basic
- Business Communication. McGraw-Hill Companies.

- Burton, J., & Burton, L. (Latest edition). *Interpersonal Skills for Travel and Tourism*. Financial Times/Prentice Hall.

Gondwana University, Gadchiroli

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

**General Education Component – Forest Management and Eco-Tourism
(Semester- II)**

Paper III – Aptitude Development-II

Course Contents

Unit 1: Arithmetic Aptitude

1. Time and Work
 - a) Work efficiency
 - b) Pipes and cisterns
2. Time, Speed, and Distance
 - a) Relative speed
 - b) Boats and streams
 - c) Trains

Unit 2: Logical Reasoning

- a) Coding-Decoding
 - b) Alphabetical and numerical coding
 - c) Pattern-based coding
2. Seating Arrangements and Puzzles
 - a) Linear and circular arrangements
 - b) Group-based puzzles
3. Blood Relations
 - a) Family trees
 - b) Direct and coded relations
4. Directions and Distances
 - a) Directions-based problems
 - b) Map-based navigation
5. Series and Patterns
 - a) Number and letter series
 - b) Missing terms

Unit 3: Data Interpretation

- a) Tables and Charts
 - b) Reading and interpreting data
 - c) Solving problems based on tabular data
2. Graphs
- a) Bar graphs, line graphs, and pie charts
 - b) Comparison and analysis
3. Case lets
- a) Paragraph-based data interpretation

Unit 4: Advanced Aptitude

- a) . Permutation and Combination
 - b) Basic concepts
 - c) Applications in arrangements and selections
2. Probability
- a) Basic probability rules
 - b) Real-life applications
3. Set Theory and Venn Diagrams
- a) Union, intersection, and difference of sets
 - b) Applications in problem-solving
4. Functions and Progressions
- a) Arithmetic and geometric progressions
 - b) Basics of functions

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

Paper IV – Nursery and Wild Life Management

Course Objectives:

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

UNIT NO.	TOPICS	MARKS
UNIT- I	<p>INTRODUCTION, IMPORTANCE, DEVELOPMENT, ESTABLISHMENT OF NURSERY:</p> <p>Types of plant Nurseries-</p> <ul style="list-style-type: none"> • Fruit plant Nurseries • Vegetable nurseries • Ornamental plant nurseries Cacti and succulents, ferns, palms and foliage plants. • Medicinal and Aromatic plants nurseries • Forest plant nurseries <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.</p> <p>Harvesting, packing, storage and marketing of nursery stock.</p>	20
UNIT II	<p>GARDENING – 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>	20

UNIT III	<p>BASIC INTRODUCTION TO WILDLIFE: Brief ecology of some important wildlife (Mammals, Birds, Reptiles and Insects) Explain the ecological characteristics of</p> <ul style="list-style-type: none"> • Mammals: Deer, Tiger, Leopard cat, wild dog, black bear, bat. • Birds: Peacocks, storks, cranes (Sarus), crows, sparrows, parrots, owls. • Reptiles: Python, crocodiles <p>Insects : Termite, Bee, silkworm</p>	20
UNIT IV	<p>WILD LIFE VALUES, POPULATION AND AREA MANAGEMENT:</p> <ul style="list-style-type: none"> • Wildlife values: Elaborate the value of wildlife. Describe about different values of wildlife i.e. positive, direct and indirect, Consumptive and non-consumptive. • population dynamics: overview the different parameters of population dynamics: Fatality and Mortality, Age structure, Sex ratio, Migration (immigration and emigration), Population growth. • Population estimation techniques: <p>List the methods of wildlife population estimation. Explain the different method of wildlife population.</p> <p>(Mark and recapture technique, Transect surveys, Pellet-group counts, Roadside counts (cervids), call and nest counts (birds))</p> <ul style="list-style-type: none"> • Protected Area Management: - Explain about the practice of national park and wildlife management in Gadchiroli and Chandrapur district. <p>National parks and wildlife reserves, Buffer Zone, Hunting reserve conservation area.</p> <ul style="list-style-type: none"> • Buffer-zone Management: buffer-zone management and acquired skills on practice of buffer zone management. <p>Definition, Importance, techniques, park-people conflict and its management, people's participation for conservation.</p>	20
PRACTICAL BASED ON ALL 4 UNITS		

1. Study of Nursery tools and implements and their uses.
2. Establishment of Nursery.
3. Gardening tools and implements.
4. Visit a well-established nursery and submit report.

REFERENCES

1. Plant Propagation and Nursery Husbandry – G.S. Saini (Hindi & English)
2. Udhyan Vigyan – Dr. S. S. Shrivastav (Hindi)
3. Plant Propagation & Nursery Management – R.R. Sharma & Manish Shrivastav
4. Plant Propagation and Nursery Husbandry – Dr. J.V.S. Yadav.

PRACTICAL BASED ON ALL 4 UNITS

1. Identification of animals and their specimen.
2. identification of deer horn, skull of tiger and leopard, specimen of reptiles and birds.
3. population estimation in fields (Transect survey, road side count, Antler count, call and nest count)
4. preservation of collected specimens.

REFERENCES

- Dashmann, R. F. 1964. Wildlife Biology. Rep (2011) New Delhi India.
- Menon, V. 2014. Indian Mammals. A Field Guide. Wildlife Trust of India
- 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
- Singh, S. K. 2005. Text Book of Wildlife Management Techniques. International Book Distributing Co. Charbagh, Lucknow, India.

Gondwana University, Gadchiroli
Bachelor of Business Administration (B.B.A.)
Skill Development Component – Forest Management and Eco-Tourism
(Semester- II)
Paper V - Marketing Management for the 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	MARKS
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	20
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	20
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	20
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	20

	System, Marketing Intermediaries – Travel Agents and Tour Wholesalers and Retailer, Building Customer Loyalty	
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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: Ratandeeep Singh, Himalaya Publication, Mumbai, 1995

**B.B.A (Forest Management
and Eco Tourism) Semester
– III & Semester -IV
Syllabus**

B.B.A (Forest Management and Eco Tourism)
Semester
– III

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

Skill Development component - Forest Management and Eco-Tourism (Semester-III)

Paper -I Communication Skills and Development-I

Course Objectives:

- Develop proficiency in using digital tools and platforms for communication.
- Understand and practice proper online communication etiquette.
- Utilize digital media for creating and sharing content.
- Prepare students to communicate effectively in a digital environment.

Unit-I Grammar Essentials

- a) Common Grammar Rules and Errors
- b) Subject-Verb Agreement
- c) Common Error: Mismatching the subject and verb.
- d) Proper Use of Articles (a, an, the)

Unit-II Communication in the group

- a) What is a group
- b) The primary and secondary groups,
- c) Formal and informal groups,
- d) The development of a group, stages of group development,

Unit-III Presentation Skills

- a) Introduction to Oral Presentation
- b) Forms of Oral Presentation
- c) Using Visual Aids in Oral Presentation
- d) Advantages and Disadvantages of Oral Presentations

Unit-IV Digital Literacy

- a) Role of digital literacy in professional life
- b) Trends and Opportunities in using digital technology in the workplace
- c) Internet Basics
- d) Introduction to MS Office tools: Paint, office, Excel, PowerPoint

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

General Education component - Forest Management and Eco-Tourism (Semester-III)

Paper II- Soft Skill Development-III

Course Objectives:

- Develop effective communication and interpersonal skills.
- Prepare students for professional environments through the development of key soft skills.

Unit-I Understanding Soft Skills

- a) Definition of Soft Skill
- b) Importance of Soft Skills
- c) Hard Skills vs. Soft Skills
- d) Overview of Key Soft Skills

Unit- II Self-Assessment

- a) Definition and Importance of Self-Assessment
- b) Identifying Personal Strengths and Weaknesses
- c) Setting Goals for Soft Skills Development
- d) Creating a Personal Development Plan

Unit-III Building Relationships

- a) Definition and Types of Relationships
- b) Principles of Interpersonal Communication
- c) Building Trust and Rapport
- d) Effective Communication in Teams

Unit-IV Conflict Resolution

- a) Definition and Nature of Conflict
- b) Types and Sources of Conflict
- c) Conflict Resolution Strategies
- d) Negotiation Skills

Recommended Books:

1. "Soft Skills: The Software Developer's Life Manual" by John Sonmez
2. "People Skills" by Robert Bolton
3. "Emotional Intelligence 2.0" by Travis Bradberry and Jean Greaves
4. "Crucial Conversations: Tools for Talking When Stakes Are High" by Kerry Patterson et al.
5. "The 7 Habits of Highly Effective People" by Stephen R. Covey

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

General Education Component- Research Methodology

(Semester-III)

Paper-III- Research Methodology-I

Course Objectives:

- Understand the fundamental principles of research methodology in the context of forest management and eco-tourism.
- Develop the skills to design and conduct research studies specific to these fields.
- Learn various data collection and analysis techniques applicable to forest management and eco-tourism.
- Understand the ethical considerations in conducting research within these areas.

Unit- I Introduction to Research Methodology

- a) Definition and Importance of Research • Types of Research
- b) Basic, Applied, and Action Research
- c) Scientific Method
- d) Research Process

Unit- II Research Paradigms

- a) Positivism, Interpretivism, and Critical Theory
- b) Quantitative Research
- c) Qualitative Research
- d) Mixed Methods Research

Unit-III Research Design in Forest Management and Eco-Tourism

- a) Research Problem and Objectives
- b) Hypothesis Formulation
- c) Variables and Constructs
- d) Overview of Research in Forest Management and Eco-Tourism

Unit- IV Research Design

- a) Types of Research Design
- b) Descriptive, Exploratory, and Explanatory Research
- c) Experimental and Quasi-Experimental Design
- d) Case Study and Survey Research in Forest Management and Eco-Tourism

Reference Books

1. "Research Methodology: Methods and Techniques" by C.R. Kothari and Gaurav Garg
2. "Business Research Methods" by Donald R. Cooper and Pamela S. Schindler
3. "Qualitative Inquiry and Research Design: Choosing Among Five Approaches" by John W. Creswell and Cheryl N. Poth
4. "The Craft of Research" by Wayne C. Booth, Gregory G. Colomb, and Joseph M. Williams
5. "Applied Research in Forest Management" by Diane Field and Michael R. Wagner

Gondwana University, Gadchiroli

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

Skill Development Component- Forest Management and Ecotourism

(Semester- III)

Paper- IV: Forest Resource Assessment and Technology

Course Objective

To equip students with comprehensive knowledge and practical skills in the modern methods and technologies used for forest management. Through the application of Remote Sensing (RS) and Geographic Information System (GIS), students will learn to analyse and manage forest resources effectively. Forest economics unit provides insights into the financial and economic aspects of forest management. The utilization and management of Non-Timber Forest Products (NTFPs), highlights their importance in sustainable forest management. A significant component of the course is the short-term project, where students apply their theoretical knowledge to real-world scenarios, conducting thorough assessments of forest resources.

Unit No.	Topics	Marks
Unit-I	Application of Remote Sensing (RS) and Geographic Information System (GIS) in Forest Management- <ul style="list-style-type: none">• Basic principles, type and scope of remote sensing.• Introduction to aerial photography and photogrammetry. Measurements from aerial photographs, photo-interpretation, area determination and thematic mapping• Introduction to various types of satellites and sensors, resolution and form of data available. Acquisition and interpretation of satellite data for forestry purpose, vegetation mapping• GIS and its use in Forest management• Forest inventory planning, design, alternatives, execution, compilation and reporting• QGIS- Mapping Forest resources	
Unit-II	Forest Economics <ul style="list-style-type: none">• Goods and services from forests, measuring forest ecosystem values and benefits, Monetization of intangible services from forest• Soil expectation value• Total Economic Valuation, Models for direct and indirect benefit estimation market price method, productivity method, Travel Cost Method (TCM), Hedonic Pricing Method (HPM) and Contingent	

	<p>Valuation Method (CVM) and other cost based methods of economic valuation and their application</p> <ul style="list-style-type: none"> • Contribution of goods and services from forests to national GDP, Natural Resource Accounting 	
Unit-III	<p>Non-Timber Forest Produce – Utilization and Management</p> <ul style="list-style-type: none"> • Non-timber forest products of India and their importance in rural and industrial economy; fibre and flosses, grasses, bamboos and medicinal plants. Their distribution, cultivation, harvesting, processing and uses • Plant based NTFP Products and their Economic Valuation: Mahua and Tori, Charoli Nut, Hirda, Behda, and Tendu leaves, Bamboo, Gum and Resin , Tannin and dyes- vegetable tanning materials obtained from forests, Medicinal plants, Drugs and Insecticides, Miscellaneous products: leaf fodder; • Animal based NTFP Products: Lac and shellac; silk and tassar Honey, Oils, vermin compost etc. 	
Unit-IV	<ul style="list-style-type: none"> • Short Term Project - on Forest Resource Assessment and Management Assessment of locally available NTFP Commodities and their economics 	
<p>Practical Based on all 4 Units</p> <ol style="list-style-type: none"> 1. Digital and visual interpretation of satellite image 2. Getting hands on with Q-GIS- Software (Spatial Analysis) 3. Evaluation of Forest Ecosystem Services 4. Value chain analysis and cost economics of NTFP commodities 		

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

Paper V – Eco-Tourism Management

Unit 1: Introduction to Eco-Tourism

- a) Definition and Concept of Eco-Tourism
- b) History and Evolution of Eco-Tourism
- c) Principles of Eco-Tourism
- d) Benefits of Eco-Tourism
- e) Types of Eco-Tourism
- f) Key Stakeholders in Eco-Tourism
- g) Eco-tourism vs. Sustainable Tourism
- h) Eco-Tourism Trends and Statistics
- i) Global Eco-Tourism Destinations
- j) Case Studies of Successful Eco-Tourism Projects

Unit 2: Environmental Impact and Conservation

- a) Environmental Impact of Tourism
- b) Conservation of Natural Resources
- c) Ecosystem Preservation
- d) Wildlife Protection and Habitat Conservation
- e) Sustainable Practices in Eco-Tourism
- f) Environmental Education and Awareness
- g) Carrying Capacity and Visitor Management
- h) Role of Protected Areas in Eco-Tourism
- i) Community Involvement in Conservation
- j) Climate Change and Eco-Tourism

Unit 3: Socio-Cultural and Economic Aspects

- a) Socio-Cultural Impact of Eco-Tourism
- b) Economic Benefits of Eco-Tourism
- c) Community-based eco-tourism
- d) Empowerment of Local Communities
- e) Cultural Heritage and Eco-Tourism
- f) Eco-Tourism and Indigenous Communities
- g) Fair Trade and Ethical Practices in Eco-tourism
- h) Capacity Building and Training
- i) Role of NGOs and Government in Eco-Tourism
- j) Challenges and Opportunities in Eco-Tourism Development

Unit 4: Planning, Management, and Marketing

- a) Eco-Tourism Planning and Policy
- b) Sustainable Destination Management
- c) Eco-Tourism Infrastructure and Facilities
- d) Risk Management and Safety in Eco-Tourism
- e) Marketing Strategies for Eco-Tourism
- f) Digital Marketing and Social Media in Eco-Tourism
- g) Visitor Experience and Satisfaction
- h) Monitoring and Evaluation in Eco-Tourism
- i) Future Trends and Innovations in Eco-Tourism

B.B.A (Forest Management and Eco Tourism)
Semester
– IV

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

General Education Component- Paper-I Communication Skills and

Development-II

(Semester-IV)

Course Objectives:

- Develop proficiency in reading, writing, speaking, and listening in English.
- Enhance vocabulary and grammar skills.
- Improve the ability to communicate effectively in both formal and informal settings.
- Build confidence in using English for academic and professional purposes.
- Foster critical thinking and analytical skills through language use.

Unit-I Nature of Attitude and its Influence on Communication

- a) Introduction
- b) Self-Development and Communication
- c) Attitude: Meaning and Nature
- d) Factors that shape Attitudes
- e) Types of Attitudes
- f) Negative Attitude and Positive Attitude

Unit-II Development of Self-confidence

- a) Definition and Importance of Self-Confidence
- b) Self-esteem and self-concept,
- c) The art of Influencing people,
- d) Soft skills to face interviews and related situations

Unit- III Critical Reading and Writing

- a) Definition and Importance of Critical Reading

- b) Analyzing and Evaluating Texts
- c) Developing Arguments and Counterarguments
- d) Synthesizing Information from Multiple Sources

Unit-IV Social and Official Correspondence

- a) Enquiries, complaints and replies; representations
- b) Letters of application for jobs
- c) Letters to the editor and Social appeals in the form of letters/pamphlets.

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

General Education Component- Paper-II Soft Skill Development-II

(Semester-IV)

Course Objectives:

- Foster critical thinking and problem-solving skills.
- Build leadership and conflict resolution capabilities.
- Develop teamwork and collaboration abilities.
- Prepare students for professional environments through the development of key soft skills.

Unit-I Understanding Emotional Intelligence

- a) Components of Emotional Intelligence
- b) Empathy and Emotional Intelligence
- c) Understanding Emotional Intelligence
- d) Managing Emotions in Interpersonal Interactions

Unit-II Teamwork and Collaboration

- a) Teamwork and Collaboration
- b) Dynamics of Effective Teams
- c) Team Building Activities
- d) Roles and Responsibilities in a Team

Unit-III Effective Collaboration Strategies

- a) Effective Collaboration Strategies
- b) Overcoming Challenges in Teamwork
- c) Virtual Team Collaboration
- d) Use Collaborative Tools and Technology

Unit-IV Creative Problem-Solving

- a) Key Strategies for Creative Problem-Solving

- b) Problem-solving and Critical Thinking
- c) Steps in the Problem-Solving Process
- d) Creative Problem-Solving Techniques

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

**General Education Component Paper-III Research Methodology-II
Semester-IV**

Course Objectives:

- Understand the research methodology in the context of forest management and eco-tourism.
- Develop the skills to design and conduct research studies specific to these fields.
- Learn various data collection and analysis techniques applicable to forest management and eco-tourism.
- Understand the ethical considerations in conducting research within these areas.

Unit- I Literature Review

- a) Define the Scope and Objectives of the literature review
- b) Search for Relevant Literature
- c) Importance of Literature Review
- d) Sources of Literature
- e) Techniques for Reviewing Literature

Unit- II Writing a Literature Review

- a) Structuring the literature review: Introduction, body, and conclusion.
- b) Critical Evaluation of Sources
- c) Identifying Research Gaps
- d) Formulating research questions.

Unit- III Quantitative Data Collection

- a) Sampling Techniques: Probability and Non-Probability Sampling
- b) Survey Methods
- c) Questionnaires and Interviews
- d) Measurement Scales: Nominal, Ordinal, Interval, and Ratio

Unit- IV Qualitative Data Collection

- a) Definition and characteristics of qualitative research.
- b) Techniques: Interviews, Focus Groups, and Observations
- c) Ethnography and Participant Observation
- d) Document and Content analysis

Gondwana University, Gadchiroli

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

Skill Development Component- Forest Management and Ecotourism

(Semester- IV)

Paper- IV: Integrated Forest Management through Research and Implementation

Course Objective

The course aims to equip students with comprehensive knowledge and skills in integrated forest management, emphasizing ecosystem approaches, community involvement, and the application of IT innovations. It also focuses on project formulation, implementation, monitoring, and evaluation, preparing students to effectively manage and research forest ecosystems.

Unit No.	Topics	Marks
Unit-I	<p>Forest and Community</p> <p>Strategy and objectives of social forestry, concept of SFM and participatory approach to SFM, vis-a-vis NFP. Fuel, fodder and timber crisis in developing countries. Mitigation strategies</p> <p>Forest dwellers- Tradition of forest consecration, rights and concessions</p> <p>Social and community forestry – Concepts, variation, and their role in rural, tribal and urban development. Choice of species and management of social forestry plantations: energy blocks, wood lots, green belts, sound barriers, smoke and smog reducers, silvi-pastoral systems</p> <p>Management of community lands – Waste lands and marginal lands. Tree and land tenure issues, conflicts. Parks and recreational sites, Ecological and land use constraints</p> <p>Joint Forest Management</p> <p>Concept, principles and application, strategies, micro-level planning and participatory, rural appraisal. Rural development, employment generation and distribution of benefits of JFM. Monitoring and evaluation of JFM</p>	
Unit-II	<p>Ecosystem Approach in forest Management : Concepts and IT Innovations-</p> <p>Introduction to Ecosystem Approach, Key Principles of Ecosystem Management, (Holistic and adaptive, management, Maintaining ecosystem integrity, Sustainable use of resources, Stakeholder</p>	

	participation), Biodiversity Conservation, Data Collection and Analysis, Use of drones for data collection, Mobile applications for field data collection, Blockchain for traceability in forest products, Platforms for community engagement and data sharing, Mobile apps for citizen science initiatives, Case Studies and Best Practices Successful implementations of IT innovations in forest management	
Unit-III	Introduction to project formulation, implementation, monitoring and evaluation: Research Methodology, Literature Review, Sampling, Documentation, Methods of Assessment, Statistical Analysis, Introduction to Basic Software's for Data Analysis, Drafting of Individual Research Proposal and Research Methodology	
Unit-IV	Research Project-Planning and Execution Project Report Drafting, Submission and Presentation	
Practical Based on all 4 Units		
<ol style="list-style-type: none"> 1. Participate in and review the forest management planning of a Joint Forest Management (JFM) Committee. 2. Utilize a forest management technology to demonstrate a specific forest management practice. 		

Gondwana University, Gadchiroli

Bachelor of Business Administration (B.B.A)

Skill Development component - Forest Management and Eco-Tourism

(Semester-IV)

Paper V- Eco-Tourism Project Management

Course Objective:

- Understand the fundamentals of eco-tourism and its integration with forest management.
- Evaluate the environmental impacts of eco-tourism and develop strategies for sustainability.
- Analyze the socio-economic effects of eco-tourism on local communities.
- Develop planning and management skills for eco-tourism projects.
- Formulate effective marketing strategies for eco-tourism.

Unit 1: Forests and Eco-Tourism

- a) Role of forests in eco-tourism
- b) Benefits of eco-tourism for forest conservation
- c) Case studies of successful forest-based eco-tourism projects
- d) Integration of forest management and eco-tourism

Unit 2: Environmental Impact of Eco-Tourism

- a) Positive and negative environmental impacts of eco-tourism
- b) Strategies for minimizing negative impacts
- c) Environmental impact assessments (EIA) for eco-tourism projects
- d) Sustainable practices in eco-tourism

- e) Role of environmental education in promoting eco-tourism

Unit 3: Socio-Economic Aspects of Eco-Tourism

- a) Economic benefits of eco-tourism for local communities
- b) Socio-cultural impacts of eco-tourism
- c) Community involvement in eco-tourism
- d) Challenges and opportunities in balancing tourism and conservation
- e) Case studies of socio-economic impacts of eco-tourism

Unit 4: Planning and Management of Eco-Tourism Projects

- a) Steps in planning eco-tourism projects
- b) Resource management in eco-tourism
- c) Marketing strategies for eco-tourism
- d) Monitoring and evaluation of eco-tourism projects
- e) Risk management and safety in eco-tourism

Reference

- **"Eco-Tourism Planning and Management"** by David A. Fennell
- **"Marketing in Tourism, Events and Food"** by Xavier Font and Allan A. Williams