



Manoharbai Shikshan Prasarak Mandal Armori's

**MAHATMA GANDHI ARTS, SCIENCE &
LATE NASARUDDINBHAJ PANJWANI COMMERCE
COLLEGE, ARMORI**

Dist. Gadchiroli (Maharashtra) 441 208

Affiliated to Gondwana University, Gadchiroli.

Re-accredited by NAAC 'A' with 3.24 CGPA

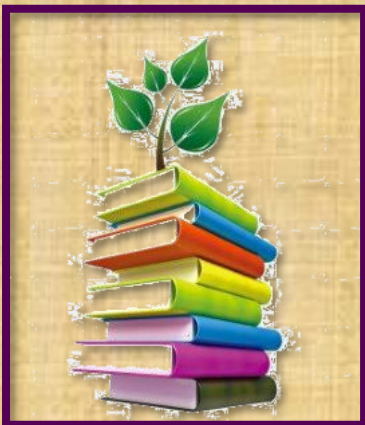
ANNUAL QUALITY ASSURANCE REPORT

AQAR : 2023-2024

CRITERION – I
CURRICULAR ASPECTS

METRIC NO: ~ 1.2.1.

**METRIC NAME: ~Number of Programmes in which Choice Based
Credit System (CBCS)/ elective course system
has been implemented**



**Web: - mgcollegearmori.ac.in
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MANOHARBHAI SHIKSHAN PRASARAK MANDAL ARMORI'S
**MAHATMA GANDHI ARTS, SCIENCE &
LATE NASARUDDINBHAI PANJWANI COMMERCE COLLEGE**



ARMORI Dist. Gadchiroli (M.S.) 441 208
Affiliated to Gondwana University, Gadchiroli
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Dr. Lalsingh H. Khalsa
Principal & IQAC Chairman
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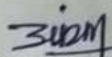
Dr. Satish. S. Kola
IQAC Coordinator
Mob. 9595982057
E-mail: satish.kolawar@gmail.com

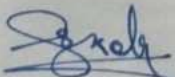
Certificate of Verification


The document herewith is a testimonial of the following specifics;

- AQAR 2023-24
- Criterion - I (Curricular Aspects)
- Metric no. – 1.2.1
- Metric Particular - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

It is affirmed that the attached document pertinent to the above cited specifics are duly verified and approved by the IQAC.


Criterion Head


IQAC Coordinator
IQAC-Co-ordinator


IQAC Chairperson
PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Dist. Gadchiroli



University Letter Regarding CBCS



Gondwana University, Gadchiroli

[Established by Government of Maharashtra Notification No.MISC-2007/(322/07) UM-4 Dated 27th Sept. 2011 & Presently a State University governed by Maharashtra Public Universities Act, 2016 (Maharashtra Act. No. VI of 2017)]

(Office of the Registrar)

MIDC Road, Complex, Gadchiroli-442605 (M. S.)

Phone/Fax-07132-223104 Mail :gug.registrar@gmail.com

No./GUG/Reg./ 4123 /2022

Date : 28/04/2022

To whomsoever it may concern

This is to certify that Mahatma Gandhi Arts, Science and Late Nasaruddinbhai Panjwani Commerce College, Armori Dist. Gadchiroli, affiliated to Gondwana University, Gadchiroli, has been implementing a Choice Based Credit System (CBCS) at the undergraduate level for the B.A. programme since 2017 for the following subjects (courses):

Sr. No.	Programme	Subjects	Remark
1.	B.A.	English	Since the 2016-2017 academic year, the University has implemented the CBCS Scheme for all undergraduate programs.
		English Literature	
		Marathi	
		Marathi Literature	
		Sociology	
		History	
		Economics	
		Political Science	
		Geography	
		Home Economics	
		Indian Music	

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2016-17 and onwards.

Hence, certified.

Date:


28.4.2022

(Dr. Anil Z. Chitade)
Registrar (UC)



Gondwana University, Gadchiroli

(Established by Government of Maharashtra Notification No.MISC-2007/322/07) UNI-4 Dated 27th Sept. 2011 &
Presently a State University governed by Maharashtra Public Universities Act, 2016 (Maharashtra Act. No. VI of 2017)

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Sr. No.	Programme	Subjects (Courses)	Remark
1.	B.Com.	English	Since the 2016-2017 academic year, the University has implemented the CBCS Scheme for all undergraduate programs.
		Marathi	
		Financial Account	
		Principle of Business Management	
		Business Economics	
		Basics of Computer and Statistical Techniques	
		Human Resource Development Part - I	
		Human Resource Management - (HRM) Or	
		Information Technology - Paper - I	
		MIS and Information Technology - IT	
		Monitory Economics	
		Office Management and Administration	
		Business Mathematics and Statistics	
		Management Accounts	
		Auditing	
		Mercantile and Industrial Law	
		Economics Planning & Development	
		Taxation Accounts	
		Management of Human Resources	

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2016-17 and onwards.

Hence, certified.

Date:


28-4-2022
(Dr. Anil Z. Chitade)
Registrar (I/C)


Principal
M.G.Ans. Science &
Late N.P.Commerce College
ARMORI, Dist. Gadchiroli



Gondwana University, Gadchiroli

(Established by Government of Maharashtra Notification No.MSC-2007/(322/07) UNI-4 Dated 27th Sept. 2011 & Presently a State University governed by Maharashtra Public Universities Act, 2016 (Maharashtra Act. No. VI of 2017)

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Sr. No.	Programme	Subjects	Remark
1.	B.Sc. (Home Science)	B.Sc. (Home Science)	Since the 2016-2017 academic year, the University has implemented the CBCS Scheme for all undergraduate programs.

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2016-17 and onwards.

Hence, certified.

Date:

(Dr. Anil Z. Chitade)
Registrar (I/C)

PRINCIPAL
M.G.Arts, Science &
Late N.P.Commerce College
ARMORI, Distt.Gadchiroli



Gondwana University, Gadchiroli

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Sr. No.	Programme	Subjects	Remark
1.	M.Sc.	Mathematics	Since the 2016-2017 academic year, the University has implemented the CBCS Scheme for all postgraduate programs.
		Chemistry	
		Zoology	
		Geology	

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2016-17 and onwards.

Hence, certified.

Date:


28.4.2022

(Dr. Anil Z. Chitade)
Registrar (I/C)


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Sr. No.	Programme	Subjects	Remark
1.	M.A.	Economics	Since the 2016-2017 academic year, the University has implemented the CBCS Scheme for all postgraduate programs.
		Sociology	
		Marathi	
		History	

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2016-17 and onwards.

Hence, certified,

Date:

(Dr. Anil Z. Chitade)
Registrar (I/C)

PRINCIPAL,
M.G.Arts, Science &
Late N.P.Commerce College
ARMORI, Dist.Gadchiroli

University Letter Regarding NEP - 2020

गोंडवाना विद्यापीठ, गडचिरोली

महाराष्ट्र शासन अधिसूचना क्रमांक २००७ / (३२२/०७) विशि-४ महाराष्ट्र अधिनियम १९९४ (१९९४ चा महा. ३५) चा कलम ३ च्या पोटकलम (२) अन्वये दिनांक २७ सप्टेंबर २०११ रोजी स्थापित व महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ (सत्र २०१७ चा महाराष्ट्र विद्यापीठ अधिनियम क्रमांक ६) द्वारा संचालित राज्य विद्यापीठ)

(विद्या विभाग)

एम. आय. डी. सी. रोड कॉम्प्लेक्स, गडचिरोली-४४२६०५

फोन नंबर ०७१३२ - २२३३२३

गोंविग/ विद्या /क्र/ 318 /२०२३

// अधिसूचना //

दिनांक २०/६/२०२३

प्रति,

मा. अध्यक्ष/ सचिव/ प्राचार्य, सलग्नीत सर्व महाविद्यालये,
विभाग प्रमुख पदव्युत्तर शैक्षणिक विभाग,
गोंडवाना विद्यापीठ, गडचिरोली.

विषय:- राष्ट्रीय शैक्षणिक धोरण -२०२० ची अमलबजावणी करणेबाबत.

संदर्भ:- १. शासनाचे समक्रमांकाचे दिनांक ०६/०६/२०२३ चे पत्र.

२. समक्रमांकित शासन निर्णय दिनांक २०.०४.२०२३ व दिनांक १६.०५.२०२३ नुसार.

३. उच्च व तंत्र शिक्षण विभाग मंत्रालय विस्तार क्रमांक :- एनईपी -२०२२ / प्र.क्र.०९/ विशि-३, दिनांक :-१६ जून २०२३.

गोंडवाना विद्यापीठाशी संलग्नीत सर्व महाविद्यालये व विद्यापीठातील पदव्युत्तर शैक्षणिक विभागांना कळविण्यात येते की, संदर्भ क्र.२ नुसार दिनांक २०/०४/२०२३ व दिनांक १६/०५/२०२३ च्या शासन निर्णयान्वये पदवी व पदव्युत्तर अभ्यासक्रमासाठी नविन शैक्षणिक श्रेयांक व अभ्यासक्रम आराखडयासंदर्भात अमलबजावणीच्या सुचना देण्यात आलेले होत्या. परंतु संदर्भ क्रमांक ३ अन्वये दिनांक ०९/०६/२०२३ रोजी सहयांद्री अतिथीगृह मुंबई येथे सुकाणू समितीच्या झालेल्या सभेमध्ये समितीने केलेल्या शिफारशीनुसार पूर्वीच्या सुचनामध्ये बदल करण्यात येत असून सुधारीत शिफारशीच्या अनुषंगाने खालीलप्रमाणे सूचना देण्यात येत आहेत.

- **पदव्युत्तर अभ्यासक्रम:** - दिनांक १६ मे २०२३ रोजीच्या शासन निर्णयानुसार दिलेल्या निर्देशाप्रमाणे सन २०२३-२४ या शैक्षणिक वर्षापासून गोंडवाना विद्यापीठाशी संलग्नीत सर्व पदव्युत्तर महाविद्यालयामध्ये व विद्यापीठातील पदव्युत्तर शैक्षणिक विभागामध्ये राष्ट्रीय शैक्षणिक धोरण- २०२० ची अमलबजावणी करून त्यानुसार विद्यार्थ्यांचा प्रवेश निश्चीत करावा.

- **पदवी अभ्यासक्रम (प्रथम वर्ष):-** संबंधित सर्व पदवीच्या प्रथम वर्षाला शैक्षणिक सत्र २०२४-२५ पासून नविन शैक्षणिक धोरणाची अमलबजावणी अनिवार्य केले जाईल.

करीता संलग्नीत सर्व महाविद्यालये व विद्यापीठातील पदव्युत्तर शैक्षणिक विभागांनी पदव्युत्तर अभ्यासक्रमाचे प्रवेश देतांना वरील प्रमाणे सुचनाचे अवलोकन करून प्रवेश निश्चित करावेत.

सहपत्र :- वरील प्रमाणे

(डॉ. अभिल हिरेखन)

कुलसचिव

गोंडवाना विद्यापीठ गडचिरोली

प्रतिलिपी : १) मा. कुलगुरु, यांचे स्वयं सहाय्यक गोंडवाना विद्यापीठ गडचिरोली यांना माहितीस्तव सविनय सादर

२) मा. प्र-कुलगुरु, गोंडवाना विद्यापीठ गडचिरोली यांना माहितीस्तव सविनय सादर.

३) मा. कुलसचिव, गोंडवाना विद्यापीठ गडचिरोली यांना माहितीस्तव सविनय सादर.

४) मा. वित्त व लेखा अधिकारी, गोंडवाना विद्यापीठ गडचिरोली यांना माहितीस्तव सविनय सादर.

(डॉ. हेमंत बारसागडे)

उपकुलसचिव विद्याविभाग

गोंडवाना विद्यापीठ गडचिरोली



महाराष्ट्र शासन

उच्च व तंत्र शिक्षण विभाग, मंत्रालय विस्तार, कक्षा क्रमांक ४१८,
चौधा मजला, मादाप कापा मार्ग, हुतात्मा राजगुरु चौक, मुंबई-४०० ०३२



दूरध्वनी क्र.०२२-२२७९३१७१

Email ID:- vishi@hted@mah.gov.in

क्रमांक:- एनईपी. २०२२/प्र.क्र.०९/विशि-३

दिनांक:- १६ जून, २०२३

प्रति,

कुलगुरु,
सर्व अर्कापि विद्यापीठे.

विषय- राज्यात नविन शैक्षणिक धोरण-२०२० चो अंमलबजावणी करणेबाबत.

संदर्भ- १. समक्रमांकित शासन निर्णय दिनांक २०.०४.२०२३ व दिनांक १६.०५.२०२३

२. शासनाचे समक्रमांकाचे दिनांक ०६.०६.२०२३ चे पत्र

महोदय,

उपरोक्त संदर्भांकित शासननिर्णयान्वये पदवी व पदव्युत्तर अभ्यासक्रमांसाठी शैक्षणिक अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भात निर्देश जारी करण्यात आले असून, त्याबाबतच्या अंमलबजावणीच्या सूचना देण्यात आल्या आहेत. सदर प्रकरणां, सुकाणू समितीने शासनास सादर केलेल्या शिफारशीनुसार कार्यवाही करण्याबाबत संदर्भ क्र.२ येथील शासन पत्रान्वये आपणास कळविण्यात आले आहे.

नविन राष्ट्रीय शैक्षणिक धोरण-२०२० चो राज्यातील अंमलबजावणीच्या अनुषंगाने मा. मंत्री (उ.व तं.शि.) यांच्या अध्यक्षतेखाली दिनांक ०९.०६.२०२३ रोजी सहाद्री राज्य अतिथीगृह येथे सुकाणू समिती आणि कुलगुरु, सर्व अर्कापि विद्यापीठे यांच्यासह झालेल्या बैठकीतील चर्चेच्या अनुषंगाने सुकाणू समितीने सुधारीत शिफारशी केल्या आहेत. त्यानुसार संदर्भाधीन दिनांक ०६.०६.२०२३ च्या पत्रान्वये यापूर्वी दिलेल्या सूचनांमध्ये बदल करण्यात येत असून सुधारीत शिफारशीच्या अनुषंगाने आपणास खालीलप्रमाणे कळविण्याचे मला आदेश आहेत:-

पदव्युत्तर अभ्यासक्रम- शासन निर्णय, दिनांक १६ मे, २०२३ अन्वये दिलेले निर्देश सन२०२३-२४ शैक्षणिक वर्षापासून राज्यातील सर्व विद्यापीठांमध्ये आणि महाविद्यालयांमध्ये अनिवार्यपणे स्वीकारले जातील आणि लागू केले जातील.

प्रथम वर्ष पदवी अभ्यासक्रम- शासन निर्णय, दिनांक २० एप्रिल २०२३ अन्वये देण्यात आलेल्या निर्देशांचो अंमलबजावणी सर्व विद्यापीठोय स्तरावर आणि स्वायत्त महाविद्यालयांमध्ये शैक्षणिक वर्ष २०२३-२४ पासून लागू केले जातील.

स्वायत्त महाविद्यालयांव्यतिरिक्त जर विद्यापीठाशी संलग्नित काही महाविद्यालयाना स्वतःहून राष्ट्रीय नविन शैक्षणिक धोरणाचो अंमलबजावणी सन २०२३-२४ या शैक्षणिक वर्षापासून करावयाची असल्यास अशा महाविद्यालयांना त्यांच्या जवळच्या स्वायत्त महाविद्यालयाच्या मदतीने अंमलबजावणी करण्याचो मुभा देण्याबाबतचा निर्णय संबंधित विद्यापीठाने घ्यावा.

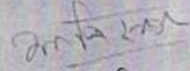
विद्यापीठे आणि स्वायत्त महाविद्यालये विद्यापीठ अनुदान आयोगाने राष्ट्रीय उच्च शैक्षणिक पात्रता फ्रेमवर्क (NHEQF) संदर्भात निर्गमित केलेल्या मार्गदर्शक तत्वांच्या अधीन (POs, PEO, LO) अभ्यासक्रम तयार करतील.

शैक्षणिक दिनदर्शिका- संपूर्ण राज्यात एकसमानता आणण्यासाठी, शैक्षणिक वर्ष २०२३-२४ साठी पदवी अभ्यासक्रमाचे प्रथम वर्ष दि. १ जुलै ते १५ जुलै २०२३ दरम्यान सुरू होईल.

तथा कोणत्याही परिस्थितीत ते दि.१५ जुलै २०२३ च्या पुढे जाणार नाही. पदवी अभ्यासक्रमाचे द्वितीय व तृतीय वर्ष दि.१ ऑगस्ट २०२३ नंतरच्या तारखेपासून सुरू होईल.

- शैक्षणिक श्रेयांक पतपेढी- (Academic Bank of Credit) ची सर्व विद्यापीठ व महाविद्यालयांमध्ये परिणामकारक अंमलबजावणी होणाऱ्या दृष्टीने सर्व विद्यार्थ्यांची प्रवेशाच्यावेळी न चुकता एबीसी पोर्टलवर नोंदणी करण्यात यावी.
- नविन शैक्षणिक धोरण-२०२० ची अंमलबजावणी विद्यापीठाशी संलग्नित असलेल्या अस्वायत्त महाविद्यालयांमध्ये शैक्षणिक वर्ष २०२४-२५ पासून अनिवार्यपणे केली जाईल. त्यानुषंगाने अभ्यासक्रम आराखडे, अभ्यासक्रम संरचना, मूल्यांकन पद्धती यांना अंतिम रूप देण्यासाठी सर्व विद्यापीठे, महाविद्यालये आणि वैधानिक प्राधिकरणे एकत्रितपणे शैक्षणिक आवश्यक पावले उचलतील आणि ३० सप्टेंबर, २०२३ पर्यंत सर्व सहभागींना संश्लेषित करतील. त्यासंदर्भात सूक्ष्म स्तरावर तपशीलवार नियोजन करून संभाव्य समस्यां ओळखून अशा समस्यांचे निराकरण करण्याची, सर्व वैधानिक अनुपालन करण्याची कार्यवाही ३१ डिसेंबर, २०२३ पर्यंत पूर्ण केली जाईल.
- शैक्षणिक वर्ष २०२४-२५ पासून राज्यात नविन शैक्षणिक धोरणाची अंमलबजावणी करण्याबाबतचा अंतिम निर्णय राज्य शासन आणि सर्व विद्यापीठे दिनांक १ जानेवारी, २०२४ रोजी घोषित करतील.
- विद्यापीठ अनुदान आयोगाकडून राज्यातील काही महाविद्यालयांना नव्याने स्वायत्तता दिली आहे. अशा स्वायत्त महाविद्यालयांना दि.३० जून, २०२३ पर्यंत अंतिम मान्यता देण्यासाठीची कार्यवाही संबंधित विद्यापीठांनी जलदगतीने करावी. शैक्षणिक वर्ष २०२३-२४ पासून स्वायत्तता प्राप्त करणा-या अशा सर्व नवीन स्वायत्त महाविद्यालयांना शासन निर्णय दिनांक २०.०४.२०२३मध्ये नमूद केल्यानुसार अभ्यासक्रम व श्रेयांक आराखडे स्विकारणे व त्यानुसार अंमलबजावणी करणे अनिवार्य राहिल.

आपला,



(अ.म. बाविस्कर)

उप सचिव, महाराष्ट्र शासन

प्रत,

१. अध्यक्ष, सुकाणू समिती (एनईपी)

२. संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, पुणे तथा सदस्य सचिव, सुकाणू समिती (एनईपी)

Direction of C.B.C.S Implementation of B.A.

GONDWANA UNIVERSITY, GADCHIROLI.

DIRECTION NO. 32 OF 2017

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

EXAMINATIONS LEADING TO THE DEGREE OF BACHELOR OF ARTS(B.A.)(SIX SEMESTER DEGREE COURSE) BASED ON CHOICE BASED CREDIT SYSTEM IN THE FACULTY OF HUMANITIES(AMENDMENT) DIRECTION,2017.

Whereas, The Maharashtra Public Universities Act, 2016 i.e. Maharashtra Act No. VI of 2017 has been made applicable to the university with effect from the 1st March,2017;

AND

Whereas, Ordinance No. 119 of 2017 was made by the Management council in respect of Examinations leading to the Degree of Bachelor of Arts (B.A.)(Six semester Degree Course) based on **Choice Based Credit System** in the Faculty of Humanities Ordinance,2017;

AND

Whereas, the said ordinance No.119 of 2017, is applicable to Bachelor of Arts degree course from the Academic year 2017-2018 ;

AND

Whereas, the scheme of Examinations provided under the said ordinance No.119 of 2017 in respect of the subject 'Indian Music' is not suitable to the course structure based on **Choice Based Credit System** of the said subject;

AND

Whereas, the meeting of the Board of studies in Music was held on 18/08/2017 for preparing course structure and the scheme of Examinations for the subject Indian Music appointed for Bachelor of Arts(B.A.)degree course;

AND




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Whereas, the Board of studies in Music has submitted the course and examinations scheme with Choice Based Credit System for Indian Music subject Appointed for Bachelor of Arts degree course(B.A.);

AND

Whereas, the course and sheme of Examinations submitted and recommended by the Board of studies in Music has been accepted by the Vice-Chancellor under provision of section 12(7)of the Act, on behalf of the Faculty of Humanities and the Academic Council on 16 / 09 /2017;

AND

Whereas, the scheme of examinations for the subject Indian Music at the Bachelor of Arts degree level was required to be included in the existing ordinance No. 119 of 2017 by way of making amendment in the said Ordinance;

AND

Whereas, the Matter is required to be regulated by an ordinance as provided under the Act;

AND

Whereas, amending of an Ordinance No. 119 of 2017 is a time consuming process;

AND

Whereas, there is an emergency for including the scheme of examinations, relating to Indian Music, in Ordinance No. 119 of 2017 which is applicable from the Academic Session 2017-2018:

Now, therefore, I,Dr. N.V. Kalyankar, Vice-Chancellor, Gondwana University, Gadchiroli in exercise of the powers conferred upon me under provision of section 12(8) of the Maharashtra Public Universities Act,2016 do hereby issue following Directions to amend Ordinance No. 119 of 2017:-

1. This Direction shall be called "Examinations leading to the Degree of Bachelor of Arts (B.A.)(Six semester degree course) based on the choice based credit system in the faculty of Humanities, (Amendment) Direction,2017."





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2. This Direction shall come into force with effect from the date of its issuance.
3. In Ordinance No. 119 Of 2017 in respect of Examinations leading to the Degree of Bachelor of Arts (B.A.)(Six semester Degree Course) based on Choice Based Credit System in the faculty of Humanities ordinance 2017(hereinafter referred to as the main Ordinance)
 - 1) Serial No. '1' appearing after para 3,8) with a title "B.A.(Bachelor of Arts) degree under the Faculty of Humanities" be substituted by serial No. "4".
 - 2) Serial No. '2' appearing after para 3, 8) with a title "Scheme for teaching & Examinations" be substituted by Serial No. "5".
4. After clause (xiv) of above renumbered para '5' and before clause (xv) of the said renumbered para '5' of the main ordinance, following proviso be added.

"Provided that course and examinations scheme with choice based credit system for Indian Music (Core discipline specific course) shall be as provided under Appendix-VI appended with this Direction."

Gadchiroli

Date :- 27 / 09 / 2017


(Dr. N.V. Kalyankar)
Vice-Chancellor




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Appendix-VI
Three Year B.A. Degree course in the Faculty of Humanities
Course and Examination scheme with choice based credit system for
Indian Music at B.A. Degree

Semester (B.A.)	Area	Unique Subject Code (USC)	Subject Paper	Examination Scheme								Credits per Semester
				Maximum Marks				Minimum Marks				
				ESE/UE	IE/CE	P/CE/UE I II	Total	ES E	IE	P	Total	
I	Core Course	UA MU T1 UA MU T1	INDIAN MUSIC THEORY PAPER SEM I	40	20	40	100	(16+8) 24	16	40	04	
I	Foundation Course 1 -							50				02
II	Core Course	UA MU T2 UA MU P2	INDIAN MUSIC THEORY PAPER SEM II	40	20	40	100	24	16	40	04	
II	Foundation Course 2							50				02
III	Core Course	UA MU T3 UA MU T3	INDIAN MUSIC THEORY PAPER SEM III	40	20	40	100	24	16	40	04	
III	Skill enhancement Course (SEC)										Zero Credit	
IV	Core Course	UA MU T4 UA MU T4	INDIAN MUSIC THEORY SEM IV	40	20	40	100	24	16	40	04	
IV	Skill enhancement Course (SEC)										Zero Credit	
V	Core Course	UA MU T5 UA MU T5	INDIAN MUSIC THEORY SEM V	40	20	40	100	24	16	40	04	
V	Generic Elective Course (GEC)										02	
VI	Core Course	UA MU T6 UA MU T6	INDIAN MUSIC THEORY SEM VI	40	20	30	100	24	16	40	04	
VI	Generic Elective Course (GEC) Project-01										02 04	



(Signature)
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Direction of C.B.C.S Implementation of B.Sc.



GONDWANA UNIVERSITY, GADCHIROLI.

DIRECTION NO. 29 OF 2017

EXAMINATIONS LEADING TO THE DEGREE OF (विज्ञान स्नातक) BACHELOR OF SCIENCE (B.SC.) (SIX SEMESTER DEGREE COURSE) BASED ON CHOICE BASED CREDIT SYSTEM (CBCS) IN THE FACULTY OF SCIENCE AND TECHNOLOGY DIRECTION, 2017.

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

Whereas, The Maharashtra Public Universities Act, 2016 has come into force with effect from 1st March 2017 (Maharashtra Act No. VI of 2017) (hereinafter referred to as the Act);

AND

Whereas, the above mentioned Act is applicable to the Gondwana University, Gadchiroli from 1st March, 2017;

AND

Whereas, the chairman, U.G.C. New Delhi has directed the Vice-Chancellor of the university to initiate steps for successful implementation of the choice based credit system (CBCS) from the Academic Session 2015-16 vide letter D.O.No.F-1-1/2015(CM) dated 8/01/2015 ;

AND

Whereas, the U.G.C. has formulated and issued guidelines on adoption of choice based credit system in all the universities;

AND

Whereas, the Vice-Chancellor has directed, on the basis of the resolution of the authorities of the university, to formulate and introduce choice based



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credit system at U.G. and P.G. level programme in all the faculties in the university;

AND

Whereas, the matter to introduce **choice based credit system** is required to be regulated by an ordinance to be made in this behalf;

AND

Whereas, no Ordinance is in existence in the university for introducing choice based credit system in the faculty of Science and Technology;

AND

Whereas, making of an Ordinance for introducing choice based credit system in the faculty of Science and Technology is a time consuming process;

AND

Whereas, the choice based credit system is to be introduced at the Bachelor of Science (B.Sc.) Degree level in the faculty of Science and Technology from the Academic year 2017-18.

Now, therefore, I, Dr. N.V. Kalyankar, Vice-Chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under provision of section 12 (8) of the Maharashtra Public Universities Act, 2016 do hereby issue following Directions :-

1. This Direction shall be called "Examinations leading to the Degree of (विज्ञान स्नातक) **Bachelor of Science (B.Sc.) (Six Semester Degree Course)** based on **Choice Based Credit System (CBCS)** in the Faculty of Science and Technology Direction, 2017.
2. This Direction shall come into force with effect from the date of its issuance.




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3. Need for academic reforms in Indian Higher Education :

a) In the knowledge based society, quality of higher education is of prime importance. There are many concerns about the quality of education imparted to the learners and its overall impact on the development of the nation. In the existing system lack of flexibility in the curriculum and absence of comprehensive national framework for facilitating mutual give & take of the academic programs offered by different higher education providers is the main lacuna. It is the need of time to give serious re-look at the existing systems & introduce reforms wherever possible.

b) Recommendations of National Regulating authority:

The University Grants commission(UGC)NAAC, Distance Education council(DEC) & National knowledge commission(NKC) have suggested the recommendations to improve upon the quality & effectiveness of higher education in the country. It is the need to develop a choice Based credit system(CBCS) in tune with global trends & adaptation of grading system for learner performance. Today, there is a need for fully convertible credit based system, acceptable to other universities.

All the major higher education providers across the globe are operating the systems of credits.

c) **The concept of CBCS in brief**:CBCS essentially redefines the curriculum into smaller measurable entities of modules/units with the hours required for studying/learning. The mechanism is to be developed to combine these modules in different ways so as to qualify for a given Programme. The learner is at the center of all academic transactions.

d) **Need for Introduction of CBCS** : The features highlighted by UGC are: Enhanced learning opportunities, ability to match learners' scholastic needs and aspirations, inter university transferability of learners (after completion of semester) allows part completion of an academic Programme in the Institution of enrolment & part completion in other (recognized) institution. This scheme provides improvement in educational quality and excellence, flexibility for working learners to complete the programme over an extended period of time, standardization and compatibility of educational programmes across the country.

e) Advantages of Credit System:

- Shift in focus from teacher-centric to student- centric education, since the workload is calculated on the time spent in learning, and not in teaching.
- Helps to record work and document learner workload.
- Helps self-paced learning.
- Allows more flexibility to the learners to choose the programs.
- Respects "Learner Autonomy". Allows learners to choose according to their own learning needs, interests and aptitudes.




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- Makes education more broad-based. One can take credits by combining unique combinations.
- Facilitates learner mobility. Offers the opportunity to sliding at different times and in different institutions. Credits earned at one institution can be transferred to another.
- Is beneficial for achieving more transparency and compatibility between different educational structures.
- A credit system can facilitate recognition procedures as well as access to higher education for non-traditional learners.

f) Scientific approach to implementation:

To implement the credit system, a scientific approach has to be adopted for the benefit of the learner.

4. In this Direction, unless the context otherwise requires:-

- 1) Academic Year :** Two consecutive (one odd + one even) semester constitutes one Academic year.
- 2) Choice Based Credit Systems (CBCS) :** The CBCS provides choice for students to select from the prescribed courses (core, elective or soft skill courses).
- 3) Course -** A course is essentially a constituent of a *Programme*. The course should define learning objectives and learning outcome. A course may be designed to comprise lectures / tutorials / laboratory work/ field work/ outreach activities/ project work/ seminars / term papers/ assignments/presentations / self-study etc. or a combination of some of these.
- 4) Credit -** A unit by which the course work is measured. It determines the Number of hours of Instructions required per week. One credit is equivalent to minimum of 30 to 40 hours of learning.
- 5) Credit point -** It is the product of grade points & number of credits for a course.
- 6) Grade point -** It is numerical weight allotted in each letter grade on 10 point scale.
- 7) Letter grade -** It is an index of performance of students in a said course. Grades are denoted by letters.




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5. (i) The following shall be the examination leading to the Degree of Bachelor of Science in the Faculty of Science and Technology.
- विज्ञान स्नातक B.Sc Part-I, (semester I and II examinations.)
 - विज्ञान स्नातक B.Sc, Part II, semester III and IV examinations); and
 - विज्ञान स्नातक B.Sc. Part III, semester V and VI examinations.)
- (ii) The Duration of the program: The duration of undergraduate (U.G.) program (B.Sc.) in the Faculty of Science and Technology shall be of three Academic years consisting of six semesters.
6. Admission and Eligibility criteria: Subject to their compliance with the provisions of this direction and of other ordinance in force from time to time, an applicant for admission to semester I of CBCS, B.Sc. I, must have passed higher secondary (10+ 2) or an equivalent course recognized from M.S. Board/ CBSE/or recognized body.
7. (I) The student passing H.S.C examination with Physics, Chemistry and Mathematics shall offer the following subjects at B.Sc. I examination.
- Ability Enhancement Compulsory Course: English and any one of the following languages Marathi, Hindi, and supplementary English.
 - Three core subjects from the following subjects available in the university- Physics, Chemistry, Electronics, Mathematics, Computer Science, Geology .
- (II) The student passing H.S.S. Examination with Chemistry and Biology shall offer following subjects:
- Ability Enhancement Compulsory Course: English and any one of the following languages :- Marathi, Hindi, and supplementary English.
 - Three core subjects from the following subjects available in the university :- Botany, Zoology, Biochemistry, Environmental Science, Microbiology, Biotechnology, Industrial fish and fisheries and Geology.
- (III) The students passing H.S.C. examination (M.C.V.C. stream) with technical trades shall be eligible for the admission to CBCS, semester pattern B.Sc. I course as follow:
- Paramedical/Agricultural/Fisheries group :- can take any allowed combination of three from the following subjects :- Zoology, Botany, Microbiology, Biochemistry, Biotechnology, Environmental science, Industrial fish and fisheries, Chemistry, Geology.
 - Engineering and technology, Computer Science group :- can take any allowed combination of three from the following :- Physics, Chemistry, Computer Science, Mathematics and Electronics, Geology
8. Every examinee for the B.Sc. Part I (Semester I &II) Examinations shall be examined in:
- AECC-English
 - AECC-Any one of the following languages: Marathi, Hindi, Supplementary English
 - Any one combination allowed/available at the concerned college or Institute as shown in Appendix E.




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9. In the case of B.Sc. Part-II, (Sem. III & IV Examinations) :- The student shall have passed not less than one academic year previously the (B.Sc. Part-I, Sem. I & II Examinations) of the University or an examination recognized as equivalent thereto, and
10. In the case of the B.Sc. Final, (Sem. V & VI Examinations) :- The student shall have passed not less than one Academic year previously the (B.Sc. Part-II) (Sem. III & IV) Examinations of the University or an examination recognized as equivalent thereto:

11. Norms of A.T.K.T:---

The admission to the program shall be subjected to ATKT rules as given below:

- a) A student shall be allowed to keep term for semester II irrespective of grades obtained in each course of semester I
 - b) A student shall be allowed to keep term for semester III if he/she passes (grade E or above in each course) each of semester I & semester II Or He/ She passes two courses in each semester.
 - c) A student shall be allowed to keep term for semester IV irrespective of grades obtained in each course of semester III & can appear for Semester IV examination.
 - d) A student shall be allowed to keep term for semester V, if he / She passes semester I,II, III & IV. Or He / She has passed Semester I & Semester II and Pass in at least 1 courses each of Semester III & IV .
 - e) A student shall be allowed to keep term for Sem VI. irrespective of grades obtained in each course of Semester V.
- There will be supplementary examination conducted for external evaluation (Semester end) by the university.

12. There shall be total six semester, in U.G. level B.Sc. program
13. Each semester shall comprise minimum 90 (Ninety) actual teaching days.
14. Every subject (Except languages and Mathematics) in each semester will comprises of –
 - a) Two theory papers – 50 marks each
 - b) One internal assessment, based on two theory papers – 10 marks each.
 - c) One practical/Laboratory work- Total 30 marks
15. For Mathematics-
 - a) Two theory papers- 60 marks each
 - b) One internal assessment based on two theory papers for 15 marks each
16. In addition to above, Semester I & II will have
 - a) One AECC English paper of 80 marks and 20 marks for internal assessment.
 - b) One second language paper of 80 marks and 20 marks for internal assessment.
17. All theory papers shall be divided into four units.
18. The scope and limitations of the subjects of all semester opted by the students shall be indicated in the respective syllabi from time to time. The medium of instruction and examination shall be English, except for the courses in languages.
19. The fees for the tuition, examination, Laboratory and other fees shall be as prescribed by the University from time to time.
20. The theory question paper will be as per CBCS examination pattern as decided by respective B.O.S.





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21. All theory examinations shall be conducted by Gondwana University Gadchiroli at the end of each Semester.
22. Practical examination for all odd semesters shall be conducted at the college level and all even semester, by Gondwana University, Gadchiroli.
23. Duration of practical examinations shall be 6 to 8 hrs, for one or two day, depending upon subject and number of students.
24. The number of papers, practicals, teaching hours, the maximum marks allotted and minimum marks which an examinee must obtain in order to pass the examination, all details are shown in Appendices A, B1 & B2 appended to this Direction.
25. The scheme of awarding marks for internal assessment with every detail shall be as per appendix C appended with this Direction.
26. Notwithstanding anything to the contrary of this Direction, no candidates shall be admitted to B.Sc. part I, (semester I and II), B.Sc. II- (Sem. III and IV) and B.Sc. final (semester V and VI) examinations under this Direction, if he/she has already passed the corresponding or an equivalent examination of any other statutory University.
27. As soon as possible after the examinations the Board of Examination shall publish a list of successful examinees at the B.Sc. Part-I, (Sem. I & II) B.Sc. Part-II, (Sem. III & IV) and B.Sc. Final (Sem. V & VI) Examinations. The result of all examinations shall be classified on the basis of semester Grade point Average 'SGPA' evaluated as specified in the adopted model CBCS (Appendix D).
28. The examinees who have secured pass grade in all subjects prescribed for all the examinations shall be eligible for the award of Degree of Bachelor of Science. The classification of division of examinees for the award of Degree of Bachelor of Science shall be on the basis of Cumulative Grade Point Average 'CGPA' evaluated by accounting SGPA of all semesters as demonstrated in the Appendix D.
29. Successful Examinees at the final examination shall be on payment of the prescribed fees, will be entitled for the award of the degree in the prescribed form signed by the Vice Chancellor.
30. Absorption scheme to switch over from yearly to semester pattern
(From other University to Gondwana University)
 - a) The candidates who have cleared first year annual pattern examination in the subject shall get admission to third semester directly by matchable scheme. However, candidates who are allowed to keep term will not be eligible for admission to third semester unless they clear all the papers and practicals of first year annual pattern examination.
 - b) Admission to 5th semester, student should clear second year annual pattern examination in all subjects.

Gadchiroli
Date: 20/08/2017

(Dr. N. V. Kalyankar)
Vice Chancellor




Principal
Mahatma Gandhi Arts,
Science & Late
N. P. Commerce College,
Arneri, Dist - Gadchiroli

Bachelor of Science
Teaching and Examination scheme
Three year (Six SEMESTERS) CBCS Degree Programme
B.Sc. I (Semester I and II)

Sr. No	Subjects	Teaching scheme		Examination Scheme												
				Theory									Practical			
				Th+Tu Periods	Pr(Periods)	Total periods	Credits	Duration Hrs.	Max. mark Th paper	Min. Passing Marks Th	Max marks IA	Min. passing IA	Total	Min. passing Marks	Duration hrs.	Max. mark practical
1.	AECC-English	4	--	4	4	3	80	32	20	08	100	40	--	--	--	100
2.	AECC-Second Language	3	--	3	4	3	80	32	20	08	100	40	--	--	--	100
3.	Science Core I, Paper I, II and Practical, excluding Mathematics	3+ @	--	6+ @	6	3	40	40	10	08	120	48	--	--	--	150
4.	Science Core II, Paper I, II and Practical, excluding Mathematics	3+ @	--		6	3	40		10				--	--	--	
5.	Science Core III, Paper I, II and Practical, excluding Mathematics For Core III Mathematics refer to row No 6&7.	--	--	6	6	--	--	--	--	--	--	--	6 8*	30	11	--
6.	Mathematics (Paper I)	4+1	--	8+ @	3	3	60	48	15	12	150	60	--	--	--	150
7.	Mathematics (Paper II)	4+1	--		2	3	3		60				15	--	--	




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Note: Th=theory, Pr=practical, Tu=tutorial, IA=Internal Assessment, @ = Tutorials wherever applicable, * = If required for two days.

Minimum marks for passing will be 40% of the total marks allotted to theory and internal assessment together. A candidate has to pass in practical separately. Provided the candidate has appeared in all the papers of concerned subjects.



A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke extending to the right.

Principal
Mahatma Gandhi Arts,
Science & Law
N. P. Conkarnik College,
Amroli, Dist - Gandhinagar

Bachelor of Science
Teaching and Examination scheme
Three year (SIX SEMESTERS) CBCS Degree Programme
B.Sc. Part II (Semester III and IV)

Sr. No	Subjects	Teaching scheme		Examination Scheme												
				Theory							Practical					
				Th+Tu Periods	Pr(Periods)	Total periods	Credits	Duration hrs	Maxi.mark Th paper	Min Passing Marks Th	Max marks IA	Min.passing IA	Total	Min. passing Marks	Duration hrs.	Max.mark practical
1.	Science Core I Paper I,II and Practical, excluding Mathematics	3+ @	-	6	6	3	50	40	10	08	120	48	-	-	-	150
2.	Science Core II Paper I,II and Practical, excluding Mathematics	3+ @	-	6	6	3	50		10				-	-	-	
3.	Science Core III, Paper I,II and Practical, excluding Mathematics. If Core III is Mathematics then refer to row no. 4,5.	-	-	6	6	-	-	-	-	-	-	-	6	30	11	
4.	Mathematics (Paper I)	4+1	-	8	3	3	60		15	12	150	60	-	-	-	150
5.	Mathematics (Paper II)	4+1	-	2	3	3	60	48	15				-	-	-	

Note: Th=theory, Pr=practical, Tu=tutorial, IA=Internal Assessment, @ = Tutorials wherever applicable, * = If required for two days.




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Minimum marks for passing will be 40% of the total marks allotted to theory and internal assessment together. A candidate has to pass in practical separately. Provided the candidate has appeared in all the papers of concerned subjects.



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Principal
Mahatma Gandhi Arts,
Science & Late
N. P. Commerce College,
Amravati, Dist - Gadchiroli

Bachelor of Science
Teaching and Examination scheme
Three year (SIX SEMESTERS) CBCS Degree Programme
B.Sc. Final (Semester V and VI)

Sr. No	Subjects	Teaching scheme	Examination Scheme														
			Theory									Practical					
			Th+Tu Periods	Pr(Periods)	Total periods	Credits	Duration hrs	Maxi.mark Th. paper	Min Passing Marks.Th	Max marks IA	Min.passing IA	Total	Min. passing Marks	Duration hrs.	Max.marks practical	Min.passing marks	Total marks
1.	Science DSE I Paper I,II and Practical, excluding Mathematics		3+ @	-	6	6	3	50	40	10	08	120	48	*	-	-	150
2.	Science DSE II Paper I,II and Practical, excluding Mathematics		3+ @	-	6	6	3	50		10				*	-	-	
3.	Science DSE III Paper I,II and Practical, excluding Mathematics If DSE III is Maathematics then refer row no.4,5		-	-	6	6	-	-	-	-	-	-	-	6	30	11	
4.	Mathematics (Paper I)		4+1	--	8	3	3	60		15	12	150	60	-	--	--	150
5.	Mathematics (Paper II)		4+1	--	2	3	3	60	48	15				-	--	--	

Note: Th=theory, Pr=practical, Tu=tutorial, IA=Internal Assessment, @ = Tutorials wherever applicable, * = If required for two days.



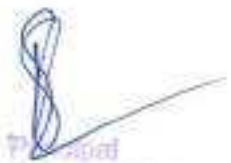
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Minimum marks for passing will be 40% of the total marks allotted to theory and internal assessment together. A candidate has to pass in practical separately. Provided the candidate has appeared in all the papers of concerned subjects.

Note: 1) The strength of a batch of practical and Tutorial for Under-Graduate classes shall be 16 with an addition of 10% with the permission of Vice-Chancellor.

(2) A period will be counted of 48 minutes duration at Under-graduate level





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Bachelor of Science

Three year (Six SEMESTERS) CBCS Degree Programme

Evaluation of Internal Assessment

The internal assessment marks assigned to each theory paper as mentioned in Appendix-A and B1-B2 shall be awarded on the basis of following parameter. Each BOS shall have right to decide the distribution of marks for internal assessment but there should be separate evaluation for each theory paper. Internal assessment shall be done by University approved teacher in relevant subjects. Internal assessment shall be done by the respective college one month prior to the final exam of each semester. The marks shall be sent to the university immediately after the internal assessment is over.

Internal assessment parameters

- Class test/multiple choice question objective/open book test/unit test etc.
- Home assignments/case study/quizzes/group Discussion.
- Attendance
- Seminar or project etc.
- Industrial visit/field work/visit to research Institute.
- Active participation in routine class instructional deliveries i.e. case
- Overall conduct as a responsible student, skill in articulation, leadership qualities expressed in co-curricular activities etc.

Note:1. The concerned teacher shall have to keep the record of all the above activities till the passing out of that batch.

2. At the beginning of each semester, every teacher shall inform his/her students unambiguously the method he/she proposes to adopt a scheme of marking for the internal assessment.

3. Teacher shall announce the schedule of activity for Internal Assessment in advance in consultation with HOD/ Principal.



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Semester Grade Point Average (SGPA): It is the measure of performance of work done in a semester. It is the ratio of total credit points earned by a student in various courses registered in a semester & the total course credits taken during that semester.

Cumulative Grade Point Average (CGPA): The CGPA is the ratio of total credit points earned by a student in various courses in all semester and the sum of total credits of all courses in all semester.

Types of Courses –

Courses in a Programme may be of three kinds: Core, Elective & Foundation.

1. **Core course:** This is the course which is to be studied compulsorily by a student as a core requirement of a Programme in a said discipline of study.

2. **Elective Courses:**

Elective course is a course which is to be chosen from a pool of paper, it may be

- Supportive to the discipline of study.
- Providing an expanded scope.
- Enabling learner to get an exposure to some other discipline / domain
- Nurturing students' proficiency /skill.

An Elective may be generic elective, focusing on those courses, which add generic proficiency. *An elective* may be discipline centric or may be chosen from an unrelated discipline. It may be called *Open Elective*.

3. **Foundation Course:**

May be of two kinds: *Compulsory Foundation (Ability Enhancement Compulsory Course)* & *Elective Foundation (Skill Enhancement Course)*. Compulsory foundation is those courses based upon contents that leads to knowledge enhancement. They are mandatory for all disciplines. Elective foundation courses are value-based & aimed at man-making education.




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Scheme for choice based credit system for B.Sc. Programme (Example is given for PCM group)

Sr No.	Core Course (12) of 6 credits each. Two papers for each core course. Total credits 72	Ability Enhancement Compulsory Course (4+4= 8 credits)	Skill Enhancement Courses SEC (2 credits). One paper from pool of papers. Total credits 4x2 = 8 credits	Discipline Specific Elective DSE (6) of 6 credits each. Two papers of each discipline from pool of papers. Total credits 6x6 = 36 credits
1	Core Course e.g. Course I Physics (Th+Pr) Course II Chemistry (Th+Pr) Course III Maths (Th)	AECC I (English) AECC II (Marathi/Supl. English/Hindi/ Other Language)		
2	Course IV Physics (Th+Pr) Course V Chemistry (Th+Pr) Course VI Maths (Th)	AECC III (English) AECC IV (Marathi/Supl. English/Hindi/ Other Language)		
3	Course VII Physics (Th+Pr) Course VIII Chemistry (Th+Pr) Course IX Maths (Th)		SEC I Environmental Studies Compulsory	
4	Course X Physics (Th+Pr) Course XI Chemistry (Th+Pr) Course XII Maths (Th)		Democracy, Elections and Good Governance Compulsory	
5			SEC III Foundation Course To be chosen by student	DSE I (Phy. Elective) Th. + Pr. DSE II (Chem. Elective) Th. + Pr. DSE III (Maths Elective) Th.
6			SEC IV Foundation Course To be chosen by student	DSE IV (Phy. Elective) Th. + Pr. DSE V (Chem. Elective) Th. + Pr. DSE VI (Maths Elective) Th.



(Signature)
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Details of courses under Undergraduate programme B.Sc.

1)	(i) Core courses (12) with practical			
	Theory	12x4	=	48
	<u>Practical</u>	<u>12x2</u>	=	<u>24</u>
				72
	(ii) Core courses without practical	12x6	=	72
2)	(i) Elective courses (6) with practical			
	Theory	6x4	=	24
	<u>Practical</u>	<u>6x2</u>	=	<u>12</u>
				36
	(ii) Elective courses (6) without practical	6x6	=	36
3)	Ability enhancement courses(4)			
	Compulsory	4x4	=	16
4)	Skill enhancement Courses (04)	4x2	=	08

Total 132 credits for complete B.Sc. Programme.

Sem. I	Core (18) + AECC (08)	=	26
Sem. II	Core (18) + AECC (08)	=	26
Sem. III	Core (18) + SEC (02)	=	20
Sem. IV	Core (18) + SEC (02)	=	20
Sem. V	DSE (18) + SEC (02)	=	20
Sem. VI	DSE (18) + SEC (02)	=	20

Total 132 credits




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Scheme for Choice Based Credit System

Semester	Course Opted	Credits
I	Core Course I Paper I (Th) Phy	02
	Core Course I Paper II (Th) Phy	02
	Core Course I (Pr) Phy	02
	Core Course II Paper I (Th) Che	02
	Core Course II Paper II (Th) Che	02
	Core Course II (Pr) Che	02
	Core Course III Paper I (Th) Maths	03
	Core Course III Paper II (Th) Maths	03
	AECC I (English)	04
	AECCII(Marathi/Supl. English/Hindi etc)	04
	Total	26
II	Core Course IV Paper I (Th) Phy	02
	Core Course IV Paper II (Th) Phy	02
	Core Course I V(Pr) Phy	02
	Core Course V Paper I (Th) Che	02
	Core Course V Paper II (Th) Che	02
	Core Course V (Pr) Che	02
	Core Course VI Paper I (Th) Maths	03
	Core Course VI Paper II (Th) Maths	03
	AECC I (English)	04
	AECCII(Marathi/Supl. English/Hindi etc)	04
	Total	26




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III	Core Course VII Paper I (Th) Phy	02
	Core Course VII Paper II (Th) Phy	02
	Core Course VII (Pr) Phy	02
	Core Course VIII Paper I (Th) Che	02
	Core Course VIII Paper II (Th) Che	02
	Core Course VIII (Pr) Che	02
	Core Course IX Paper I (Th) Maths	03
	Core Course IX Paper II (Th) Maths	03
	SEC I (Environmental Studies)	02
	Total	20
IV	Core Course X Paper I (Th) Phy	02
	Core Course X Paper II (Th) Phy	02
	Core Course X (Pr) Phy	02
	Core Course XI Paper I (Th) Che	02
	Core Course XI Paper II (Th) Che	02
	Core Course XI (Pr) Che	02
	Core Course XII Paper I (Th) Maths	03
	Core Course XII Paper II (Th) Maths	03
	SEC II (chosen by student)	02
	Total	20
V	DSE I Paper I (Th) Phy	02
	DSE I Paper II (Th) Phy	02
	DSE I (Pr) Phy	02
	DSE II Paper I (Th) Che	02
	DSE II Paper II (Th) Che	02
	DSE II (Pr) Che	02
	DSE III Paper I (Th) Maths	03
	DSE III Paper II (Th) Maths	03
	SEC III	02



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		Total
		20
VI	DSE IV Paper I (Th) Phy	02
	DSE IV Paper II (Th) Phy	02
	DSE IV (Pr) Phy	02
	DSE V Paper I (Th) Che	02
	DSE V Paper II (Th) Che	02
	DSE V (Pr) Che	02
	DSE VI Paper I (Th) Maths	03
	DSE VI Paper II (Th) Maths	03
	SEC IV	02
		Total
		20

Total Credit for all the Semesters will be 132 for B.Sc. programme

Note: Non Practical Courses (Subjects) credit will be calculated on theory only

Assigning course-wise credits: Steps for implementation:

1. General Overview :-

The value of a particular course can be measured in number of credit points. The value of one credit may be equal to 30 to 40 hours of learning.

The scheme of examination is divided into 2 parts: internal assessment and external assessments (Semester End Examination).

Internal assessment includes: Assessment, Seminars, Case studies, Quizzes, Viva, Unit test etc.

The semester wise credit points earned by learner for under graduate Programme shall be of 132 credits.




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Programme	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	TotalCredits
Under Graduate	26	26	20	20	20	20	132

2. Credit based evaluation system:

Scheme of examination:-

It is divided into two points: Internal assessment & external assessment (semester end examination conducted by university). Internal assessment includes: Assessment, Seminars, case studies, Quizzes, Viva, Unit test etc.

The Semester End Examination for each course with practical will be as follows

One theory course of two papers: 100 marks (External assessment- University examination)

20 marks (Internal assessment)

Total 120

One practical course: 30 marks

(Practical Examination for Odd Semester will be at college level and for Even semester at university level with external examiner)

Passing standard and performance Grading –

The term 'Pass' means minimum 'D' grade or above in point grade scale 'Fails' means grade 'F' in the grade scale.

The learners to 'pass' a course shall have to obtain minimum of 40% marks in each course (external evaluation + internal evaluation together)




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Grades and Grade points.

Letter Grade	Grade Point	Percentage of Marks
O (Outstanding)	10	91-100
A+ (Excellent)	9	81-90
A (Very good)	8	71-80
B+ (Good)	7	55-70
B (above average)	6	50-54
C (Average)	5	40-49
D (Pass)	4	40
F (Fail)	0	0 to 39

Calculations of CGPA & SGPA

Semester Grade Point Average (SGPA) – each semester grade point average is calculated by dividing the total of product of grade point and course credit by sum of all course credits in a semester.

$$\text{SGPA} = \frac{\sum CG}{\sum C} \quad \text{for a given semester}$$

G – Grade, C is credit for paper / course

Cumulative Grade Point Average (CGPA) for entire course

$$\text{CGPA} = \frac{\sum CG}{\sum C} \quad \text{for all semesters taken together}$$




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Appendix-E

Student shall offer any combination allowed/available at the concerned college or Institute as shown below:

1. CPM - Physics, Chemistry, Mathematics
2. CZB - Chemistry, Zoology, Botany
3. CZG - Chemistry, Zoology, Geology
4. CPG - Chemistry, Physics, Geology
5. CBG - Chemistry, Botany, Geology
6. CMG - Chemistry, Mathematics, Geology
7. CZM - Chemistry, Zoology, Microbiology
8. CBM - Chemistry, Botany, Microbiology
9. CBB - Chemistry, Biochemistry, Botany
10. CBZ - Chemistry, Biochemistry, Zoology
11. CBM - Chemistry, Biochemistry, Microbiology
12. PME - Physics, Mathematics, Electronics
13. PCE - Physics, Chemistry, Electronics
14. CZE - Chemistry, Zoology, Environmental Science
15. CBE - Chemistry, Botany, Environmental Science
16. CME - Chemistry, Microbiology, Environmental Science
17. CZI - Chemistry, Zoology, Industrial fish and fisheries
18. PMC - Physics, Mathematics, Computer Science
19. BCB - Chemistry, Biochemistry, Biotechnology
20. BBB - Biochemistry, Botany, Biotechnology
21. BZB - Biochemistry, Zoology, Biotechnology
22. BMB - Biochemistry, Microbiology, Biotechnology
23. BMZ - Biotechnology, Microbiology, Zoology
24. BMC - Biotechnology, Microbiology, Chemistry
25. BMB - Biotechnology, Microbiology, Botany
26. ECM - Electronics, Computer science, Mathematics
27. PCC - Physics, Chemistry, Computer Science
28. MCC - Mathematics, Chemistry, Computer Science
29. BBC - Biotechnology, Botany, Chemistry
30. BCZ - Biotechnology, Chemistry, Zoology
31. CBM - Chemistry, Biochemistry, Mathematics
32. CBG - Chemistry, Biochemistry, Geology
33. CGE - Chemistry, Geology, Environmental Science
34. CPE - Chemistry, Physics, Environmental Science
35. CME - Chemistry, Mathematics, Environmental Science



Principal
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W. P. Commerce College,
Amori, Dist - Gadchiroli

Direction of C.B.C.S Implementation of B.Com.



GONDWANA UNIVERSITY, GADCHIROLI.

DIRECTION NO. 16 of 2017.

EXAMINATION LEADING TO AWARD OF THE THREE YEARS BACHELOR OF COMMERCE (B.COM.) (SIX SEMESTER DEGREE COURSE) BASED ON CHOICE BASED CREDIT SYSTEM IN THE FACULTY OF COMMERCE AND MANAGEMENT, DIRECTION, 2017.

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

Whereas, The Maharashtra Public Universities Act, 2016 has come into force with effect from 1st March 2017(Maharashtra Act No. VI of 2017)(hereinafter referred to as the Act);

AND

Whereas, the above mentioned Act is applicable to the Gondwana University, Gadchiroli from 1st March, 2017;

AND

Whereas, the chairman, U.G.C. New Delhi has directed the Vice-Chancellor of the university to initiate steps for successful implementation of the choice based credit system(CBCS) from the Academic Session 2015-16 vide letter D.O.No.F-1-1/2015(CM) dated 8/01/2015 ;

AND

Whereas, the U.G.C. has formulated and issued guidelines on adoption of choice based credit system in all the universities;

AND

Whereas, the Vice-Chancellor has directed, on the basis of the resolution of the authorities of the university, to formulate and introduce choice based credit system at U.G. and P.G. level programme in all the faculties in the university;

AND

Whereas, the matter to introduce choice based credit system is required to be regulated by an ordinance to be made in this behalf;

AND

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Mahatma Gandhi Arts,
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W. P. Commerce College,
Amori, Dist - Gadchiroli

Whereas, no Ordinance is in existence in the university for introducing choice based credit system in the faculty of Commerce and Management;
AND

Whereas, making of an Ordinance for introducing choice based credit system in the faculty of Commerce and Management is a time consuming process;
AND

Whereas, the choice based credit system is to be introduced at the Bachelor of Commerce Degree level in the faculty of Commerce and Management from the Academic year 2017-18.

Now, therefore, I, Dr. N.V. Kalyankar, Vice-chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under provision of section 12(8) of the Maharashtra Public Universities Act, 2016 do hereby issue following Directions:-

1. This Direction shall be called "Examinations leading to the Degree of Bachelor of Commerce (B.Com.) (Six semester Degree Course) based on Choice based credit system in the faculty of Commerce and Management, Direction, 2017."
2. This Direction shall come into force with effect from the Academic year 2017-18 for Ist and IInd semester of the Bachelor degree course and onwards i.e. Bachelor of Commerce Degree.

TYPES OF COURSES

3. **Types of Courses:** - Courses in a Program may be of three kinds: Core, Elective & Foundation.

1) Core course: This is the course which is to be studied compulsorily by a student as a core requirement of a Program in a said discipline of study.

2) Elective Courses:

Elective course is a course which is to be chosen from a pool of papers, it may be

- Supportive to the discipline of study.
- Providing an expanded scope.
- Enabling learner to get an exposure to some other discipline / domain
- Nurturing students' proficiency / skill.

An **Elective** may be generic elective, focusing on those courses, which add generic proficiency. An **elective** may be discipline centric (Discipline Specific Electives, DSE) or may be chosen from an unrelated discipline. It may be called Generic Elective/Open Elective.




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3) Foundation Course:

May be of two kinds: **Compulsory Foundation (Ability Enhancement Compulsory Course)** & **Elective Foundation (Skill Enhancement Course)**. Compulsory foundation is those courses based upon a content that leads to knowledge enhancement. They are mandatory for all disciplines. Elective foundation courses are value-based & aimed at man-making education.

4) Salient features of Course:

(I) i) Each semester up to semester 4th, shall consists of 7 papers whereas semester 5th and

6th shall consist of 6 papers each.

ii) Total credits for B.Com. would be 136 whereas total credits for BBA would be 132.

iii) Each regular student will have to appear for all the credits of each semester mentioned in the scheme.

(II) The duration of the B.Com. and BBA shall be of three academic years consisting of six semesters with the University examinations at the end of each semester namely:

- i) B.Com. Part I : Semester I & Semester II Examinations
- ii) B.Com. Part II : Semester III & Semester IV Examinations
- iii) B.Com. Part III : Semester V & Semester VI Examinations

Examination will be held as per the time-table schedule decided during Academic year by University

Sr. No.	Name of the Examination	Main Examination	Supplementary Examination
1	B.Com. - Semester I, III, V	Winter	Summer
2	B.Com. - Semester II, IV, VI	Summer	Winter

ELIGIBILITY

5. Subject to compliance with the provisions of this Direction and of other Ordinances in force from time to time, an applicant for admission to the **Semester I examination** of the degree courses offered with this Direction shall have the eligibility as mentioned below:-



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Addressed to: Mr. A. K. Sharma, Director, U. J. Jammu, Jammu, J.K. - 180 004

The 12th Standard Examination of the Maharashtra State Board of Secondary/Higher secondary Education or/and examination recognized as equivalent there to with English as one of the subject 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

EXAMINATION AND EVALUATION SCHEME

1) Evaluation Scheme

Assessment procedure incorporates a suitable evaluation system supported by model_ Credit Grade System involving letter grades as per the suggested guide lines by, UGC for undergraduate programs in the Faculty of Commerce and Management.

The evaluation of students in a course is a continuous process and is based on their performance in different methodological tests/examinations as mentioned below:

Theory Subject with or without Practical component:

It is broken into various components as mentioned below;

- i) **Internal Assessment (IA)**—It will be carrying 20% weightage and shall be monitored based on parameters like, assignments, class tests, seminars, project, oral examination etc. and that the break-up of weightage to these parameters are as specified in the syllabus of the given subject.
- ii) **End Semester Examination (ESE)**—This parameter shall carry weightage of 80% for theory subjects without practical component and the examination will be conducted by the Affiliating University at the end of the Semester.
- iii) **Passing in Course:** There will be a combined head of passing with 40% of marks combinedly in IA and ESE and separate passing with 40% marks in practical.

The **Table 1** given below summarizes weightage in percent to the individual components of proposed Evaluation System to be adapted for the theory subjects with and without practical component of UG programs in the Faculty of Commerce and Management.



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Table 1: Evaluation System						
For Theory Subject			For Theory Subject having Practical Component			
ESE	Internal Assessme	Total	ESE	Internal Assessme	Practical	Total
80	20	100	60	15	25	100
60	15	75				

Pattern of End Semester Examination:

- 2) (1) There will be **four** units in each paper
 (2) Question paper will consist of five questions and all questions shall be compulsory.
 (3) First four questions will be based on four units as Specified in the Syllabi of the given subject with internal choice only.
 (4) Fifth question will be compulsory having subject questions from each of the four units with equal weightage and there will be no internal choice.
 (5) Each paper will be of 3 hours duration.
 (6) Minimum passing marks in each head ESE+IA and Practical will be 40%.

3) Promotion/Absorption Scheme

The admission to the given Degree Course shall be subject to ATKT rules as given below.

Admission to Semester	Candidate Should have passed in following	Eligibility for admission
Semester- I	*	--
Semester-II	--	Candidate should have appeared in at least 01 Theory paper of Semester I
Semester-III	----	Candidate should have passed 40% subjects each of Semester-I & Semester II
Semester-IV	----	Candidate should have passed 40% subjects 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 Sem. I&II & 40% subject each of Semester-III&IV



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Semester-VI	---	Candidate should have passed 40% subjects each of Semester-III & Semester IV & appeared in atleast 01 Theory paper of Semester V
-------------	-----	--

* -as mentioned above in para 5.

- 4) That an examinee who have passed in any subject/s shall, this option, be exempted from appearing in that subject at the subsequent examination.
- 5) The fees for the examination shall be as prescribed by the university from time to time and when ever any change is made in the fees prescribed for the examination that shall be notified through a notification for information of the examinees concerned.
- 6) The subjects of examination shall be as mentioned in CBCS structure mentioned under Appendices - I,II,III,IV,V and VI appended to this direction.
- 7) The Scope of the subject shall be as indicated in the Syllabi.

Model Credit-Grade System

7. As per the guide lines suggested by UGC, 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 under graduate programs. The central idea of the system is that a student has to earn prescribed minimum number of credits to fulfill there quirements of graduation. The credit system has to be design ed 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, e. scheme shall be done in marks for each student.
 - 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) These letter grades are as signed numerical equivalentents called Grade Points, GP on a 07-point scale and are correlated with percentages core of the student in the given course as shown in the **Table 2** 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 term ed as back-log. e. course(s) under ATKT.




 M. P. ...
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 ...

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 a student will be required to reappear in the given subject in which he/she has secured X-grade.

Table 2: 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
F	0-39	00
X	Absent in Examination	---

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.

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.

$$SGPA = \frac{C_1G_1 + C_2G_2 + \dots + C_nG_n}{C_1 + C_2 + \dots + C_n}$$

Where, C – No of Credits of individual subject.

G – Corresponding grade point obtained in the 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.



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$$CGPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

- (1) 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.
- (2) 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 grade obtained by him/her on qualifying in the Practical/Project evaluation.
- (3) The marks for the IA or Practical /Project shall be forwarded by Principal/Head of the Institution to the Affiliate University as per the schedule.
- (4) 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.

► **ABBREVIATIONSUSED**

- | | | |
|----|------------|--|
| a. | C | : Credits |
| b. | G | : Grade |
| c. | GP | : GradePoints |
| d. | CP | : CreditPoints |
| e. | EC | : SumofCredits points |
| f. | CG | : Credits X Grades(Product of Credits &Grades) |
| g. | ECG | : SumofProduct of Credits&Grades points |

- (5) The medium of instruction and examination shall be English/Marathi/Hind if or B.Com. only & English for B.B.A. Courses specified in this Direction. However the Gondwana University, Gadchiroli permits student to write examinations in either English or Hindi or Marathi for B.Com. only & English for B.B.A.
- (6) 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 there spective course and examination Schemes attached with Appendix A in this Direction.



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- (7) 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 bind in gon 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 for the min. passing marks of 40% a this/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.

- (8) The external(Private) Candidates are not allowed for this programme
- (9) 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.
- (10) Every student have 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 to valuation for the given subject of a particular End Semester Examination shall be applicable as specified in there levant Direction.

- (11) The candidate may take all the examinations as per the provisions of ATKT Rules simultaneously but his result offinal Semester shall not be declared unless he is declared successful at all lower semester examinations.
- (12) If an examinee failed to pass the under graduate programme with in 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. Anex-student for any Examination under this Direction shall be eligible for readmission to the subsequent Examination on payment offers hand any such other fees as may be prescribed on this behalf.
- (13) As soon as possible after the Semester End examination, the Board of Examination and evaluation shall publish a list of successful examinees at the




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Semester I,II,III,IV,V, and VI Examinations respectively.

(14) Notwithstanding any thing 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.

a.

- (i) The examinee who have secured pass grade-D in all the subjects prescribed for all the examinations shall be eligible for the award of (3 year-6 Semester) Degree in the Faculty of Commerce and Management.
- (ii) The Classification of Division of Examinees for the award of the Degree courses specified in this Direction shall be on the basis of Cumulative Grade Point Average-CGPA evaluated by accounting **SGPA of Semester of V&VI Semesters.**
- (iii) The Degree, in the prescribed form shall be signed by the Hon'ble Vice-Chancellor.

Date: 20/07/2014
Gadchiroli

(Dr. N. V. Kalyanekar)
Vice Chancellor



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GONDAPANA UNIVERSITY, GADGODROL
 (THREE YEARS B.A. COURSE IN POLITICAL SCIENCE AND MANAGEMENT)
 COURSE AND EXAMINATION SCHEME WITH CHOICE-BASED CREDIT SYSTEM
 (Semester - I)

Sl. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	P	Total	ESE	IA	P	Total
01	AEC	UCA101	Maatrit/Hadi/Supplementary English	4	-	-	2	80	20	-	100	40	-	40	
02	Core (Core Course)	UCA102	Compulsory English	4	-	-	4	80	20	-	100	40	-	40	
		UCA103	Financial Accounting - I	3	-	-	3	60	15	-	75	20	-	30	
		UCA104	Business Economics - I	4	-	-	4	60	15	-	75	30	-	30	
		UCA105	Principle of Management - I	3	-	-	3	60	15	-	75	30	-	30	
		UCA106	Statistics Techniques and Business Mathematics - I	3	-	-	3	60	15	-	75	30	-	30	
03	DSE	UCA107	Group A Marketing Management (Basic Marketing Management - I)	4	-	-	4	80	20	-	100	40	-	40	
		UCA108	Group B Human Resource Development (Human Resource Management - I)	4	-	-	4	80	20	-	100	40	-	40	
		UCA109	Group C Banking and Insurance (Principle of Banking and Insurance - I)	4	-	-	4	80	20	-	100	40	-	40	
		UCA110	Group D Information Technology (Information Communication Technology)	4	-	-	4	60	15	25	100	30	10	40	

- Note: ESE = END SEMESTER EVALUATION. IE = INTERNAL EVALUATION.
 1. L - Lecture, T - Tutorial, P - Practical, IA - Internal Assessment.
 2. For Compulsory English (Tutorials) work will be done for every batch of 20 students.
 3. Practical Periods for subject 01 of Periods each batch of 20 students.
 4. In DSE, subject Codes given in parentheses are for choice.
 5. The Question Papers in the subjects Financial Accounting, Statistics Techniques and Business Mathematics will be in English/Marathi. The Question Papers in the subjects Marketing Management, Human Resource Development, Banking and Insurance will be in English only. The students of Marathi Medium will have the Question Papers in Marathi.
 6. The Students shall opt for any one group of DSE. Once a group is selected it cannot be changed.
 7. The students shall opt for any one of the language Marathi/Hindi/Supplementary English in the subject Information Technology.
 8. Cells UCA101, Subjects Marketing - M, HRSD - I, Banking & Insurance - B, Information Technology - T.



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GONDAPANA UNIVERSITY, GADGODROL
 BACHELOR OF COMMERCE (POLITICAL SCIENCE AND MANAGEMENT)
 (THREE YEARS B.A. COURSE IN POLITICAL SCIENCE AND MANAGEMENT)
 COURSE AND EXAMINATION SCHEME WITH CHOICE-BASED CREDIT SYSTEM
 (Semester - II)

Appendix - II

Sl. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	P	Total	ESE	IA	P	Total
01	AEC	UCA201	Maatrit/Hadi/Supplementary English	4	-	-	2	80	20	-	100	40	-	40	
02	Core (Core Course)	UCA202	Compulsory English	4	-	-	4	80	20	-	100	40	-	40	
		UCA203	Financial Accounting - II	3	-	-	3	60	15	-	75	20	-	30	
		UCA204	Business Economics - II	4	-	-	4	60	15	-	75	30	-	30	
		UCA205	Principle of Management - II	4	-	-	4	60	15	-	75	30	-	30	
		UCA206	Statistics Techniques and Business Mathematics - II	3	-	-	3	60	15	-	75	30	-	30	
03	DSE	UCA207	Group - A Marketing Management (Basic Marketing Management II)	4	-	-	4	80	20	-	100	40	-	40	
		UCA208	Group - B Human Resource Development (Human Resource Management - II)	4	-	-	4	80	20	-	100	40	-	40	
		UCA209	Group - C Banking and Insurance (Principle of Banking and Insurance - II)	4	-	-	4	80	20	-	100	40	-	40	
		UCA210	Group - D Information Technology (Office Application)	4	-	-	4	60	15	25	100	30	10	40	



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GONDWANA UNIVERSITY
 BACHELOR OF COMMERCE
 (THREE YEAR UG COURSE IN FACULTY OF COMMERCE AND MANAGEMENT)
 COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTEM
 (Semester - III 2)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	P	Total	ESE	IA	P	Total
01	ABCC (Foundation Course)	LCA3P1	Module/Unit/ Supplementary English	4	-	-	2	80	20	-	100	40	-	40	
		SEC-I LCA3P2	Cost Accounting	5	-	-	4	80	20	-	100	40	-	40	
02	Core (Core Course)	LCA3C3	Compulsory English	4	-	-	4	80	20	-	100	40	-	40	
		LCA3C4	Company Law	5	-	-	4	80	20	-	100	40	-	40	
		LCA3C5	Monday Economics Paper-I	4	-	-	3	60	15	-	75	30	-	30	
		LCA3C6	Corporate Accounting Paper -I	5	-	-	3	60	15	-	75	30	-	30	
03	DSL	LCA3E3	Group- A Marketing Management (Advertising Management-I)	4	-	-	4	80	20	-	100	40	-	40	
		LCA3E4	Group- B Human Resource Development/Organizational Behavior Paper-I	4	-	-	4	80	20	-	100	40	-	40	
		LCA3E5	Group- C Banking and Insurance (Banking and Insurance Law and Practice-II)	4	-	-	4	80	20	-	100	40	-	40	
		LCA3E6	Group- D Information Technology (Computer Accounting and MSN)	4	-	-	4	60	15	25	100	30	10	40	



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GONDWANA UNIVERSITY, GADCHIROLI

(THREE YEAR UG COURSE IN FACULTY OF COMMERCE AND MANAGEMENT)
 COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTEM
 (Semester - IV)

Appendix - IV
 COURSE AND

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	P	Total	ESE	IA	P	Total
01	ABCC (Foundation Course)	LCA4P1	Module/Unit/ Supplementary English	4	-	-	2	80	20	-	100	40	-	40	
		SEC-II LCA4P2	Management Accounting	5	-	-	4	80	20	-	100	40	-	40	
02	Generic Elective-1	LCA4E3	Statistical Practice	5	-	-	4	80	20	-	100	40	-	40	
03	Core (Core Course)	LCA4C4	Compulsory English	4	-	-	4	80	20	-	100	40	-	40	
		LCA4C5	Monday Economics Paper-II	4	-	-	3	60	15	-	75	30	-	30	
		LCA4C6	Corporate Accounting Paper -II	5	-	-	3	60	15	-	75	30	-	30	
04	DSL	LCA4E4	Group- A Marketing Management (Sales and Distribution Management)	4	-	-	4	80	20	-	100	40	-	40	
		LCA4E5	Group- B Human Resource Development/Organizational Behavior Paper-II	4	-	-	4	80	20	-	100	40	-	40	
		LCA4E6	Group- C Banking and Insurance (Banking and Insurance Law and Practice -II)	4	-	-	4	80	20	-	100	40	-	40	
		LCA4E7	Group- D Information Technology (E-Commerce And Web Designing)	4	-	-	4	60	15	25	100	30	10	40	
05	Self Study	-	Environmental Studies	2	-	-	-	-	-	-	-	-	-		



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GONDWANA UNIVERSITY, GADCHIROLI
COMMERCE
 THREE YEARS UG COURSE IN FACULTY OF COMMERCE AND MANAGEMENT
 COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM
 (Semester - V)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	P	Total	ESE	IA	P	Total
03	SEC - III (Foundation Course)	UCASFE1	Auditing	4	-	-	2	80	20	-	100	40	-	-	40
03	General	UCASEE2	Indian Economics (Theory)	4	-	-	4	80	20	-	100	40	-	-	40
03	Case (Core Course)	UCASC3	Business Communication Paper-I	4	-	-	3	80	15	-	95	30	-	-	30
		UCASC4	Advanced Accounting Paper-I	3	-	-	3	60	15	-	75	30	-	-	30
		UCASC5	Commercial Law	4	-	-	4	80	20	-	100	40	-	-	40
04	DSE	UCASEM1	Group - A: Marketing Management (Industrial Marketing)	4	-	-	4	80	20	-	100	40	-	-	40
		UCASEH1	Group - B: Human Resource Development (Industrial Relations)	4	-	-	4	80	20	-	100	40	-	-	40
		UCASEB1	Group - C: Banking and Insurance (Recent Trends in Banking and Insurance Paper-I)	4	-	-	4	80	20	-	100	40	-	-	40
		UCARE1	Group - D: Information Technology (MS-Access And Visual Basic)	4	-	4	4	60	15	25	100	30	10	40	



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GONDWANA UNIVERSITY, GADCHIROLI
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 COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM
 (Semester - VI)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Credits	Examination Scheme (Maximum Marks)				Examination Scheme (Minimum Marks)			
				L	T	P		ESE	IA	Practical	Total	ESE	IA	P	Total
04	SEC - IV (Foundation Course)	UCAFV1	Corporate Law	4	-	-	4	80	20	-	100	40	-	-	40
	General	UCAFV2	Indian Contract (Theory)	4	-	-	4	80	20	-	100	40	-	-	40
04	Case (Core Course)	UCACV3	Business Communication Paper-II	4	-	-	3	80	15	-	95	30	-	-	30
		UCACV4	Advanced Accounting Paper-II	3	-	-	3	60	15	-	75	30	-	-	30
		UCACV5	Income Tax	5	-	-	4	80	20	-	100	40	-	-	40
04	DSE	UCAGEM1	Group - A: Marketing Management (Service Marketing & Retail Marketing)	4	-	-	4	80	10	50	100	20	20	40	
		UCAGEH1	Group - B: Human Resource Development (Labour Law)	4	-	-	4	80	10	50	100	20	20	40	
		UCAGEB1	Group - C: Banking and Insurance (Recent Trends in Banking and Insurance Paper-II)	4	-	-	4	80	10	50	100	20	20	40	
		UCAGEV1	Group - D: Information Technology (Software Project and Project Management)	4	-	4	4	40	10	50	100	20	20	40	

Compulsory Project in Final Semester - In final semester project is to be submitted for DSE section. For IT related DSE the project can be completed of minimum two modules per hour.



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Direction of C.B.C.S Implementation of B.Sc. (Home Science)

GONDWANA UNIVERSITY, GADCHIROLI.

DIRECTION NO. 26 OF 2017.

EXAMINATIONS LEADING TO THE DEGREE OF BACHELOR (SEMESTER DEGREE COURSE) BASED ON CHOICE BASED CREDIT SYSTEM IN THE FACULTY OF SCIENCE AND TECHNOLOGY DIRECTION, 2017.

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

Whereas, The Maharashtra Public Universities Act, 2016 has come into force with effect from 1st March 2017(Maharashtra Act No. VI of 2017) (hereinafter referred to as the Act);

AND

Whereas, the above mentioned Act is applicable to the Gondwana University, Gadchiroli from 1st March, 2017;

AND

Whereas, the chairman, U.G.C. New Delhi has directed the Vice-Chancellor of the university to initiate steps for successful implementation of the choice based credit system(CBCS) from the Academic Session 2015-16 vide letter D.O.No.F-1-1/2015(CM) dated 8/01/2015 ;

AND

Whereas, the U.G.C. has formulated and issued guidelines on adoption of choice based credit system in all the universities;

AND

Whereas, the vice-chancellor has directed, on the behalf of the university, to formulate and introduce choice based credit system at U.G. and P.G. level programme in all the faculties in the university;

AND

Whereas, the matter to introduce choice based credit system is required to be regulated by an ordinance to be made in this behalf;

AND

Whereas, no Ordinance is in existence in the university for introducing choice based credit system in the faculty of Science and Technology;

AND




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Whereas, making of an Ordinance for introducing choice based credit system in the faculty of Science and Technology is a time consuming process;

AND

Whereas, the choice based credit system is to be introduced at the Bachelor of Home Science Degree level in the faculty of Science and Technology from the Academic year 2017-18.

Now, therefore, I, Dr. N.V. Kalyankar, Vice-chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under provision of section 12(8) of the Maharashtra Public Universities Act, 2016 do hereby issue following Directions:-

1. [REDACTED] examinations leading to the Degree of Bachelor of Home Science (B.Sc.) (Six semester Degree Course) based on Choice based credit system in the faculty of Science and Technology, Direction, 2017."
2. This Direction shall come into force with effect from the Academic year 2017-18 for [REDACTED] Bachelor degree course and onwards i.e. Bachelor of Home Science Degree.
3. (i) The following shall be the examinations leading to the Degree of Bachelor of Home Science in the faculty of Science & Technology.
 - (1) (गृहविज्ञान) Bachelor of Home Science Part I, semester I and II examinations.
 - (2) (गृहविज्ञान) Bachelor of Home Science Part II, semester III and IV examinations. and
 - (3) (गृहविज्ञान) Bachelor of Home Science Part III, semester V and VI examinations.(ii) The Duration of the program: The duration [REDACTED] of Science & Technology Bachelor of Home Science (B.Sc. Home Sc.) shall be of three academic years consisting of six semesters.
 - a) **Admission and Eligibility criteria:** Subject to his compliance with the provisions of this direction and of other ordinances in force from time to time, an applicant for admission to semester I of Bachelor of Home Science, have passed XII standard examination of MS Board of Secondary and Higher Secondary education or any other examination recognized as equivalent thereto under the following discipline - Science/Home Science/Arts/commerce/MCVC.
4. (1) **In the case of (Bachelor of Home Science Part-II, Sem. III & IV) Examinations:** - have passed, not less than one academic year previously, the Bachelor of Home Science Part-I (Sem. -I & II) Examinations of the University or an examination recognized as equivalent thereto, and



[Signature]
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- (2) **In the case of (Bachelor of Home Science Final, Sem. V & VI Examinations:-** have passed, not less than one academic year previously, the Bachelor of Home Science Part-II (Sem. III & IV) Examinations of the University or an examination recognized as equivalent thereto:

5. Norms of A.T.K.T:-

The admission to the program shall be subjected to ATKT rules as given below:

For admission to Semester	Candidates should have passed in all subjects of the following examination	Candidates should have satisfactorily completed the term work and appeared for at least one paper of the following exam.	Candidates should have passed at least 40% subjects of
Sem. I	XII th class or equivalent	-----	-----
Sem. II	----	I st Semester	-----
Sem. III	----	-----	Semester I & II separately (two subjects from each)
Sem. IV	----	III rd Semester	-----
Sem. V	Semester I & II	-----	Semester III & IV separately (one subject from each)
Sem. VI	----	V th Semester	-----

6. There shall be total six semester, in U.G. level Bachelor of Home Science program. Each semester shall comprise 90 (Ninety) actual teaching days.
7. Home Science program shall comprise of 5 core subjects i.e- Food Science and Nutrition, Human Development, Textiles and Clothing, Resource Management and Home Science Extension, whereas allied subjects shall comprise of Basic and Applied Chemistry, Applied Physiology, Household, Biology, Health Science, Nutritional Biochemistry and Computer Basics and applications. There shall be no theory paper for the subjects related to Computer (Basic Computer / Application) & Skill base Course & Project.
8. English is compulsory for 1st Sem and 2nd Sem only.
9. All theory papers shall be divided into four units.
10. The scope and limitations of the subjects of all semester opted by the students shall be indicated in the respective syllabi. The medium of instructions and examinations shall be English, / Marathi / Hindi except for the course in language (English)
11. The fees for the tuition, examinations, Laboratory and other fees shall be as prescribed by the University from time to time. The theory question paper will follow similar pattern for maximum subjects with inter unit choice and equal weightage to all questions. Duration of each theory paper shall be three hours. There will be five questions each of 8 marks. Fifth question will be based on entire syllabus. All questions are compulsory with internal choice. Questions may be subdivided into sub questions.




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12. All theory examinations shall be conducted by Gondwana University Gadchiroli at the end of each Semester.
13. Practical examination for all semesters shall be conducted once in a year, at the end of 2nd, 4th and 6th semester, by Gondwana University, Gadchiroli. At every odd semester i.e. 1st, 3rd and 5th semester there shall be internal assessment for the practicals completed, record of which should be put before the external examiner at the time of university practical examination.
Project : Every student is required to carry out project work (Sem-VI) on a related research topic of the subject / Course. It must be on original work. On the basis of this work student must submit the project report (typed & properly bound) atleast 15 days prior to commencement of the final practical examination of Sem-VI.
14. Duration of practical examinations shall be 3 hrs, for one or two day, depending upon subject and number of students
15. Practical batch shall be of 16 students.
16. Marks should be allotted according to the marking scheme.
17. The number of papers, practicals, teaching hours, the maximum marks allotted and minimum marks which an examinee must obtain in order to pass the examination, all details are shown in **Appendices A & B** appended to this Direction.
18. The scheme of absorption and matching shall be as per **appendix C** appended with this Direction.
19. Notwithstanding anything to the contrary of this direction no candidates shall be admitted to Bachelor of Home Science I, (semester I and II), Bachelor of Home Science II- (Sem-III and IV) and Bachelor of Home Science final (semester V and VI) examinations under this direction, if she has already passed the corresponding or an equivalent examination of any other statutory University.
20. As soon as possible after the examinations the Board of Examination and evaluation shall publish a list of successful examinees at the Bachelor of Home Science Sem-I & II; Bachelor of Home Science Sem-III & IV and Bachelor of Home Science Sem-V & VI Examinations. The result of all examinations shall be classified on the basis of semester Grade point Average 'SGPA' evaluated as specified in the adopted model Credit-Grade system (Appendix D).
21. The examinees who have secured pass grade in all subjects prescribed for all the examinations shall be eligible for the award of Degree of Bachelor of Home Science . The classification of division of examinees for the award of Degree of Bachelor of Home Science shall be on the basis of Cumulative Grade Point Average 'CGPA' evaluated by accounting SGPA of V and VI semester as demonstrated in the Appendix D appended with this Direction.
22. Successful Examinees at the final examination, on payment of the prescribed fees, will be entitled for the award of the degree in the prescribed form signed by the Vice Chancellor.



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23. Absorption scheme to switch over from yearly to semester pattern

(From other University to Gondwana University)

- a) The candidates who have cleared first year annual pattern examination in the subject shall get admission to third semester directly by match able scheme. However, candidates who are allowed to keep term will not be eligible for admission to third semester unless they clear all the papers and practicals of first year annual pattern examination.
- b) For Admission to 5th semester, student should clear second year annual pattern examination in all subjects.

(Dr. N. V. Kalyankar) Gadchiroli.
Date :- 29/07/2017.

Sd/-
Vice Chancellor



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Gondwana University

Bachelor of Home Science

Three Years / Six Semesters Degree Course

SEMESTER - I :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	I Pract	Total	Th- IA	IA (P)	Th.	P.	Th.	P.
1	Fundamentals of Food Science and Nutrition	60	15	25	100	30	10	03	01	3 Hrs.	
2	Fundamentals of Human Development	60	15	25	100	30	10	03	01	3 Hrs.	
3	Fundamentals of Textiles and Clothing	60	15	25	100	30	10	03	01	3 Hrs.	
4	Fundamentals of Family Resource Management	60	15	25	100	30	10	03	01	3 Hrs.	
5	English & Communication Skills	40	10	-	50	20	-	02	-	3 Hrs.	
6	Basic Computer	-	-	50	50	-	20	-	02	-	-
Total		180	70	150	500			14	06		

Separate Passing for Theory and Practical

Combined passing 40% - Theory + Internal Assessment (IA) taken together

40% - Practical + Internal Assessment (IA) taken together

Practical examination of Semester I and Semester II taken together at the end of Semester II



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Appendix - A-

Gondwana University

Bachelor of Home Science

TEACHING / MARKING SCHEME

Three Years / Six Semesters Degree Course

SEMESTER - II :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	U Pract	Total	Th- IA	IA (P)	Th.	P.	Th.	P.
1	Basic Food Science & Nutrition	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
2	Infant Stimulation And Toddlerhood	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
3	Fabric Study	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
4	Fundamentals of Home Science Extension	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
5	English & Communication Skill	40	10	-	50	20	-	02	-	3 Hrs.	-
6	Basic Computer	-	-	50	50	-	20	-	02	-	3 Hrs.
Total		180	70	150	500			14	06		

Separate Passing for Theory and Practical

Combined passing 40% - Theory + Internal Assessment (IA) taken together

40% - Practical + Internal Assessment (IA) taken together

Practical examination of Semester I and Semester II taken together at the end of Semester II

U.Prac. - University Practical Exam



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Bachelor of Home Science
TEACHING / MARKING SCHEME
Three Years / Six Semesters Degree Course

SEMESTER – III :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	U.Proc.	Total	Th+ IA	IA (P)	Th.	P.	Th.	P.
1	Meal Management	60	15	25	100	30	10	03	01	3 Hrs.	-
2	Early Childhood Development & Education	60	15	25	100	30	10	03	01	3 Hrs.	-
3	Textile Design	60	15	25	100	30	10	03	01	3 Hrs.	-
4	i) Extension Learning OR ii) Housing & Home Furnishing } Any one	60	15	25	100	30	10	03	01	3 Hrs.	-
5	i) Applied Physiology OR ii) Basic Chemistry } Any one	60	15	25	100	30	10	03	01	3 Hrs.	-
6	Apparel Construction (Skill base)	-	-	50	50	-	20	-	02	-	-
Total		300	75	175	550			15	07		

Separate Passing for Theory and Practical
Combined passing 40% - Theory + Internal Assessment (IA) taken together
40% - Practical + Internal Assessment (IA) taken together
Practical examination of Semester III taken together at the end of Semester IV




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Gandwana University
Bachelor of Home Science
TEACHING / MARKING SCHEME
Three Years / Six Semesters Degree Course

SEMESTER – IV :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	U.Proc.	Total	Th+ IA	IA (P)	Th.	P.	Th.	P.
1	Community Nutrition	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
2	Late Childhood & Adolescence	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
3	Dyeing & Printing	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
4	iii) Extension Edu. (Rural Sociology) OR iv) Housing & Home Furnishing } Any one	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
5	i) Basic Chemistry OR ii) Applied Physiology } Any one	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
6	Apparel Construction (Skill base)	-	-	50	50	-	20	-	02	-	3 Hrs.
Total		300	75	175	550			15	07		

Separate Passing for Theory and Practical
Combined passing 60% - Theory + Internal Assessment (IA) taken together
40% - Practical + Internal Assessment (IA) taken together
Practical examination of Semester III taken together at the end of Semester IV
U.Proc. - University Practical Exam




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Gondwana University

Three Years / Six Semesters Degree Course

SEMESTER - V :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	IP	Total	Th+ IA	IA (P)	Th.	P.	Th	P.
1	Diet Therapy	60	15	25	100	30	10	03	01	3 Hrs.	
2	Dynamic of Marriage & Family	60	15	25	100	30	10	03	01	3 Hrs.	
3	Applied Patent Design	60	15	25	100	30	10	03	01	3 Hrs.	
4	i) Extension/Programme Planning ii) Advance Resource Management } Any One	60	15	25	100	30	10	03	01	3 Hrs.	
5	vi) Health Science OR vii) Applied Chemistry OR iii) Nutritional Biochemistry } Any One	60	15	25	100	30	10	03	01	3 Hrs.	
6	Project	-	-	50	50	-	20	-	02	-	-
Total		300	75	175	550			15	07		

Separate Passing for Theory and Practical
 Combined passing 40% - Theory + Internal Assessment (IA) taken together
 40% - Practical + Internal Assessment (IA) taken together
 Practical examination of Semester V taken together at the end of Semester VI



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Gondwana University

Bachelor of Home Science

TEACHING / MARKING SCHEME

Three Years / Six Semesters Degree Course

SEMESTER - VI :

Paper No.	Subjects	Examination Scheme Max. Marks				Examination scheme Max. Marks		Credit		Course Duration of Exam	
		Th.	IA	U.Pra.	Total	Th+ IA	IA (P)	Th.	P.	Th	P.
1	Nutritional & Dietetics	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
2	Developmental Assessment	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
3	Fashion Design	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
4	i) Extension Training/Management ii) Advance Resource Management } Any One	60	15	25	100	30	10	03	01	3 Hrs.	3 Hrs.
5	i) Microbial Biology OR ii) Applied Chemistry OR iii) Nutritional Biochemistry } Any One	60	15	-	100	30	10	03	01	3 Hrs.	3 Hrs.
6	Project	-	-	50	50	-	20	-	02	-	3 Hrs.
Total		300	75	175	550			15	07		

Separate Passing for Theory and Practical
 Combined passing 40% - Theory + Internal Assessment (IA) taken together
 40% - Practical + Internal Assessment (IA) taken together
 Practical examination of Semester V taken together at the end of Semester VI
 U.Pra. - University Practical Exam



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Appendix: B

Guidelines for Internal Assessment (IA), Theory Paper Pattern and Practicals

1. Each semester shall comprise of minimum 90 teaching days.
2. For all Practical's the batch will be of 16 students.
3. The Practical Examination will be conducted for every semester (Semester-II, IV and VI) the practical examination will be conducted by both External and Internal examiner.
4. The marks for Practical shall be allotted by Internal and External examiner together and marks of Internal Assessment to be given by Internal but the articles prepared or reports to be presented before the External examiner and marks to be finalized.
5. All theory and practical examinations are as per shown in the scheme.

I-Internal Assessment (IA):

1. The internal assessment shall be done by the College at least 15 days prior to the final examination of each semester. The Marks shall be sent to the University immediately after the Assessment in the prescribed format.

-Guidelines for Internal Assessment are appended herewith.

- a) The internal assessment marks assigned to each theory paper as mentioned in Appendix - A shall be awarded on the basis of assignments like class test, attendance, project assignments, seminar, study tour, industrial visits, visit to educational institutions and research organizations, field work, group discussions or any other innovative practice / activity.
- b) There shall be one / two assignments (as described above) per Theory paper.
- c) There shall be no separate / extra allotment of work load to the teacher concerned. He/ She shall conduct the Internal assessment activity during the regular teaching days / periods as a part of regular teaching activity.
- d) The concerned teacher / department / college shall have to keep the record of all the above activities until six months after the declaration of the results of that semester.
- e) At the beginning of each semester, every teacher shall inform his / her students clearly the method he / she intend to adopt and the scheme of marking for internal assessment.
- f) Teacher shall announce the schedule of activity for internal assessment in advance in consultation with HOD / Principal.



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g) Final submission of internal marks to the university shall be before the commencement of the university theory examinations.

II-Theory Papers:

- All Theory papers shall be divided into four units.
- The theory question papers shall be of 3 hours duration and comprise of 5 questions with equal weightage to all units.
- The pattern of question papers shall be as follows :
 1. Four units in each paper
 2. One question on each unit (including sub questions)
 3. Fifth question on all units
 4. Maximum marks of each theory paper shall be as provided in Appendix A-I to A-VI of this Direction.

III. Practicals

- i) Practical exam shall be of 3 hours duration.
- ii) The Practical Record/ Laboratory Manual of every student shall carry a certificate as shown below, duly signed by the teacher-in-charge and the Head of the Department.
- iii) If the student fails to submit her certified Practical Record/ Laboratory manual duly signed by the Teacher-in-Charge and the Head of the Department, she shall not be allowed to appear for the Practical Examination and no Marks shall be allotted to the student.
- iv) The certificate template shall be as follows:

CERTIFICATE

Name of the College / Institution _____

Name of the Department: _____

This is to certify that this Practical Record/ Laboratory Manual contains the bonafide record of the Practical work of Kumari / Shrimati _____ of _____ Semester _____ during the academic year _____. The candidate has satisfactorily completed the experiments prescribed by Rashtrasant Tukdoji Maharaj Nagpur University for the subject _____

Dated: _____

Signature of the teacher who taught the examinee



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Appendix: C

Absorption / Matching Scheme

- While switching over to CBCS pattern, the failure students of CBC will be given total five (three plus two) chances to clear each examination.
- After availing five chances for clearing the examination as per Semester, no examination would be held for Semester Pattern candidates.
- The candidates who have cleared first Semester and IInd Semester from CBS pattern examination shall get admission to third semester directly. However, candidates who are allowed to keep term will not be eligible for admission to third semester unless they clear all the papers and practicals.
- The candidates who have cleared second Semester & IIIrd Semester (CBS) examination in the subject shall get admission to fifth semester directly. However, candidates who are allowed to keep term will not be eligible for admission to fifth semester unless they clear all the papers and practicals of IIIrd & IVth Semester (CBS).
- For other statutory university candidates with similar yearly pattern programme, shall be applicable.
- The guidelines of awarding internal marks / practical marks / theory marks / mark list (if any and if required) shall be as per guideline given in the Appendix-B.
- For other statutory university candidate with semester pattern B.Sc. (Home Science) programme- the candidate shall be admitted to the next higher semester provided that candidate shall have cleared previous semester and Gondwana University committee constituted from time to time for the purpose shall be satisfied and clear the case on the basis of subject and syllabus contents of her previous semester examination of the other statutory university.
- Those student who fail to clear the examination within the available chances (three + two) would be bound by this absorption/matching scheme and would be required to take fresh admission in the CBCS semester pattern course.

Guidelines

- Students unable to clear Semester (CBS) pattern in five chances in Sem I, III and V can take admission in corresponding semester pattern course.
- As per the requirement and if necessary, while switching over from CBS Pattern to CBCS semester pattern course, the university shall issue semester pattern course mark list in proportion of marks obtained in the CBS Pattern.
- As soon as the candidate enters in the CBS semester pattern course from the CBS Pattern as per the given absorption / matching scheme and successfully complete the semester pattern course, the university shall award revised mark list as per the semester pattern course for particular semester.
- In case of any difference in minimum passing marks in the CBS Pattern and in the CBCS semester pattern course, the university shall convert marks proportionately for issuance of mark list in the semester pattern course.
- During switching over from CBS Pattern to CBCS pattern, the candidate shall be awarded proportionate marks by the university.



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Appendix: D

1. Credit, Grade, SGPA & CGPA

B.Sc. Home Science Program shall consist of six semesters, wherein the student has to complete certain number of credits. Each Subject (Paper, Practical, Project and Seminar) has some fixed number of credits. The types of subject subheads are: Core, Core Practical, Discipline Specific Elective, Discipline Specific Elective Practical's, Skill Enhancement course, Ability Enhancement Course and Elective

a) Credits and Grade:

It is a unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work / field work per week. There will be 1 credit for 16-20 hours for Theory papers and Practical to be spent by the student per course in one semester.

Depending on the marks scored in a subject, student is given a Grade. Each grade has got certain grade points as follows:

Marks Obtained	Letter Grade	Grade Point
91-100	O (Outstanding)	10
81-90	A+ (Excellent)	09
71-80	A (Very Good)	08
65-70	B+ (Good)	07
61-64	B (Satisfactory)	06
41-60	C (Average)	05
= 40	P (Pass)	04
<40	F (Fail)	0
Ab	Ab (Absent)	0

Table 1: Letter grade and Grade Point based on Marks Scored

A student obtaining Grades F and Ab shall be considered failed and will be required to reappear for the examination.

b) Computation of SGPA and CGPA

Following is the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a program, i.e.



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Direction of C.B.C.S Implementation of M.Sc.

GONDWANA UNIVERSITY, GADCHIROLI

DIRECTION NO. 2

EXAMINATIONS RELATING TO THE DEGREE OF MASTER OF SCIENCE, SEMESTER PATTERN WITH CHOICE BASED CREDIT SYSTEM, IN THE FACULTY OF SCIENCE DIRECTION, 2017.

(Issued under Section 14(8) of the Maharashtra Universities Act, 1994.)

Ordinance No. 79 of 2017 in respect of Examinations of Master of Science, Semester Pattern with choice based credit system, in the Faculty of Science Ordinance, 2017 is in existence in the University;

AND

Whereas, Appendix 23 appended with ordinance No. 79 of 2017 is applicable to the Master's degree examinations of all subjects excluding Mathematics in the Faculty of Science;

AND

Whereas, provision for Grade and Grade points is to be made in the Ordinance for the subject mathematics relating to the degree a Master of Science in the Faculty of Science;

AND

Whereas, for making provision for grade and grade points for the subject mathematics, it is necessary to amend existing ordinance No. 79 of 2017;

AND

Whereas, making amendment in ordinance No. 79 of 2017 is a time consuming process.

AND

Whereas, the result of Master Degree examination in Mathematics is required to be declared;

AND

Whereas, there is an emergency for making provision of grade and grade points for the subject namely - Mathematics at the Master's Degree level. Now, therefore, I, Dr. N. V. Kalyankar, Vice-Chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under provision of sub-



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section(8) of section 14 of the Maharashtra Universities Act, 1994, do hereby issue following Directions :-

1. This Direction Shall be called "Examinations Leading to the Degree of Master of Science, Semester Pattern with choice based credit system, in the Faculty of Science, Direction, 2017."
2. This Direction shall come into force with effect from the date of its issuance.
3. In ordinance No. 79 of 2017 the provision for grade and grade points at the Master's Degree level is made as stated in Appendix 23 for all the subjects except Mathematics in the faculty of Science, Direction, 2017, relating to Examinations leading to the Degree of Master of Science, semester pattern with choice based credit system, in the faculty of Science, Ordinance, 2017.

For providing grade and grade points in the subject Namely - Mathematics in the faculty of Science for Master's Degree examinations, an Appendix 23(A) appended with this direction be made applicable for declaring the results of the relevant examination.

Place: - Gadchiroli
Date: - 8/02/2017

(Dr.N.V. Kalyankar)
Vice-Chancellor



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Appendix - 23 (A)

Letter Grade	Grade Points	Marks (%)
O (Outstanding)	10	91-100
A+ (Excellent)	9	81-90
A (Very Good)	8	71-80
B+ (Good)	7	55-70
B (Above average)	6	51-54
C (Average)	5	46-50
P (Pass)	4	40-45
F (Fail)	0	0-39
Z	Absent	



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Direction of C.B.C.S Implementation of M.A.

 **GONDWANA UNIVERSITY, GADCHIROLI.**

Direction No. 27 of 2017.

Directions leading to the Degrees of M.A. (History, Political Science, Sociology, Home Economics, Geography, Dr. Ambedkar Thought Mass Communication, Economics), M.S.W. and M.Lib.I.Sc., Choice Based Credit System in Semester Pattern (Two years Post Graduate course), in the Faculty of Social Sciences (Amendment) Direction, 2017.

(Issued U/S. 12 (8) of the Maharashtra Public Universities Act, 2016)

Whereas, the Maharashtra Public Universities Act, 2016 has come into force with effect from 1st March 2017 (Maharashtra Act No. VI of 2017) (hereinafter referred to as the Act);

AND

Whereas, the Act has been made applicable to the Gondwana University, Gadchiroli with effect from 1st March 2017;

AND

Whereas, the subjects History, Political Science, Sociology, Home-Economics, Geography, Dr. Ambedkar Thought Mass Communication, Economics), M.S.W. and M.Lib.I.Sc., Choice Based Credit System in Semester Pattern (Two years Post Graduate course), in the Faculty of Social Sciences Ordinance, 2017" made by the Management council of the University is in existence in the University;

AND

Whereas, the subjects History Political Science, Sociology, Home-Economics, Geography, Dr. Ambedkar Thought Mass Communication, Economics, social Work and Library and Information Science were comprising in the faculty of Social Sciences before commencement of the Act;

AND

Whereas, the Act has provided only four faculties in the university in place of existing faculties in the University before commencement of the Act;

AND

Whereas, the existing faculties in the University before commencement of the Act has now been merge in the four faculties provided under the Act;




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AND

Whereas, the faculty of the subjects namely, History, Political Science, Sociology, Home-Economics, Geography, Dr. Ambedkar Thought and Economics is now required to be changed as the faculty of Humanities in place of Social Sciences;

AND

Whereas, the faculty of the subject namely, Mass Communication, Social Work and Library and Information Science is now required to be changed as the faculty of Inter-disciplinary studies in place of Social Sciences;

AND

Whereas, the title of Ordinance No. 80 of 2017 is now required to be amended in the light of merger of the Social Sciences faculty in the faculties of Humanities and Inter-disciplinary studies with reference to the subjects merged in the relative faculty;

AND

Whereas, the academic council in its meeting held on 25/04/2017 Vide item No. 27 3) on the agenda has resolved to accept the recommendations made by the committee appointed by it for recommending eligibility condition for admission of the student to the first semester of the Degree of Master of Arts in Home-Economics;

AND

Whereas, the matters referred at above are required to be regulated by an Ordinance;

AND

Whereas, amending ordinance No. 80 of 2017 is time consuming process;

AND

Whereas, the matter is required to be regulated urgently for admission of the students to the degree of Master of Arts in Home-Economics.

Now, therefore, I, Dr. N. V. Kalyankar, Vice-Chancellor, Gondwana University, Gadchiroli, in exercise of the powers conferred on me under provision of section 12 (8) of the Maharashtra Public Universities Act, 2016, do hereby issue following Directions to amend Ordinance No. 80 of 2017.

1. This Direction may be called "Examinations leading to the Degrees of M.A.(History, Political Science, Sociology, Home-Economics, Geography, Dr. Ambedkar Thought, Mass Communication, Economics), M.S.W. and M.Lib.I.Sc., Choice Based Credit System in Semester Pattern (Two years Post Graduate course), in the Faculty of Social Sciences (Amendment) Direction, 2017."
2. This Direction shall come into force with effect from the date of its issuance.




Vice-Chancellor
Gandhara Gandhi Arts,
Science & Late
N. P. Commemorative College,
Ammori, Dist - Gadchiroli

Direction of C.B.C.S Implementation of M.A. (Marathi)

GONDWANA UNIVERSITY, GADCHIROLI

Direction No. 204 of 2016.

Faculty of Arts

(Issued under section 14(8) of the Maharashtra Universities Act, 1994.)

Examinations leading to the Degree of Master of Arts in Marathi with Choice Based Credit System in Semester Pattern, in the Faculty of Arts, Direction, 2016.

Whereas, the Maharashtra Universities Act (Maharashtra Act No. XXXV of 1994) 1994 has come into force with effect from 21st July, 1994.

AND

Whereas, the Dean of the Faculty of Arts has concurred with the recommendations, of the Board of Studies in Marathi in the Faculty of Arts, on 7th November, 2015.

AND

Whereas, the Board of Studies in Marathi in the Faculty of Arts at its meeting held on 18th March, 2016, decided to make amendments related to M.A.(Marathi) first to last semester, in Choice Based Credit system in Semester Pattern for award of degree of M.A.(Marathi)(Two years PG course), in the Faculty of Arts.

AND

Whereas, the Faculty of Arts in its meeting held on 15th July, 2016 considered and approved the recommendations of Board of Studies regarding the syllabi of Ist, IInd, IIIrd and IVth Semesters as per the course and examination scheme of M.A. (Marathi).

AND

Whereas, ordinance making is a time consuming process. Now, therefore, I, Dr. N.V. Kalyankar, Vice Chancellor, Gondwana University, Gadchiroli in exercise of powers vested in me under Section 14(8) of the Maharashtra universities Act, 1994 do hereby issue the following Directions:-

1. This Direction shall be called "Examinations leading to the Degree of Master of Arts in Marathi with Choice Based Credit System in Semester Pattern in the Faculty of Arts, Direction, 2016."
2. This Direction shall come into force from the date of its issuance.
3. The course shall be of the duration of two academic years spread over four semesters and shall have University examinations at the end of each semester.
4. The minimum attendance of student-teachers shall be 75% for each semester.
5. Subject to the compliance with the provisions of this Direction and other Ordinances in force from time to time, an applicant for admission to the examination shall have passed Bachelor's Degree in the relevant discipline of the University or a degree of any other statutory University recognized as equivalent hitherto.




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6. The A.T.K.T. rules for admission shall be as given in the following table.

TABLE

Admission to Semester	Candidates should have passed in all the subjects of the following examination.	Candidates should have passed at least two third of the passing heads of the following examinations.
Semester – I	Graduate in the relevant discipline	--
Semester – II	--	Candidate having appeared in at least 1 Theory subject of 1 st semester Examination.
Semester – III	--	Candidate having passed 50% subjects of I semester and II semester each.
Semester – IV	--	Candidate having passed in 50% subjects of 1 st semester and 2 nd semester each and appeared in at least 1 theory paper of 3 rd semester examination.

7. Without prejudice to the other provisions of an Ordinance relating to examinations in general, the provisions of paragraphs 5,6,10 of the said ordinance shall apply to every collegiate candidate.
8. Unsuccessful students of old course shall have three chances to clear.
9. The tuition fees for the course/examination and the practical and other fees, as prescribed by the University from time to time, shall be applicable for the said examination.
10. a) The Scope of the subject shall be as indicated in the respective syllabus in force from time to time.
b) The medium of instruction and examinations shall be Marathi
11. There will be two compulsory papers and two, out of four, elective papers and the maximum marks assigned to each paper and minimum marks an examinee must obtain in order to pass the examination shall be as prescribed in Appendix –A,B,C & D attached with this Direction.
12. The classification of the examinees successful at the semester end examinations and at the end of final semester examination shall be as per the rules and regulations of Choice Based Credit system with Semester pattern.
13. Examinees who have passed in all the subjects prescribed for the first to fourth semester examinations, then Letter Grade will be allotted as per the following mentioned schemes.
14. Grades :- Marks for each course requiring minimum passing of 40 % would be converted into grades as shown in Table – 1.




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Table 1: Conversion of marks to grades in credit system

Range of Marks obtained out of 100 or Equivalent Fraction	Letter Grade	Grade Point	Description
75 -100	O	10	Outstanding
60-74	A	9	Excellent
55-59	B	8	Very Good
50-54	C	7	Good
45-49	D	6	Fair
40-44	E	5	Average
Less than 40	F	0	Dropped or Fail
Absent in Examination	X	----	---

- a) A student failed to score minimum 40% marks in each head of passing shall be given F grade.
- b) A student who passes the internal tests but fails in Semester End Examination of a course shall be given F grade.
- c.) Student with F grade in a course would be granted credit for the course but not the grade for that course.
- d) **Grade** points earned in each paper shall be calculated as – Grade points obtained (vide Table 1 above) x **Credits** for the paper.

Definitions:

- I) 'Credit' means the unit by which the course work is measured. In this Direction one credit means one hour of teaching work or two hours of practical work per week for 15 weeks in a Semester.
- II) 'Grade letter' is an index to indicate the performance of a student in particular course (paper). It is the transformation of actual marks secured by a student in a course / paper. Grade letters are O,A,B,C,D,E,F.
- III) '**Grade Point**' is the weightage allotted to each grade letter depending on the range of marks awarded in a course (paper).
- IV) '**Credit Points**' refer to the product of number. of credits multiplied by the Grade Point for a given course (paper).



V) 'Semester Grade Point Average (SGPA)' refers to the performance of the students in a given semester. SGPA is based on the total credit points earned by the student in all the courses (papers) and the total number of credits assigned to the courses (papers) in a Semester.

VI) 'Cumulative Grade Point Average (CGPA)' refers to the Cumulative Grade Point Average weighted across all semesters (4/6 semesters)

VII) 'A.T.K.T.' refers to allowed to keep term in the next higher semester.

14. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade point Average (CGPA) of an examinee shall be as given below:

a) The marks will be given in all examinations which will include the college assessment marks and the total marks for each paper shall be converted into Grades as per Table-1. SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table I and the credits allotted to respective paper shown in the scheme for respective semester.

b) SGPA shall be computed for every semester and CGPA shall be computed only in IVth semester. The CGPA of IVth semester shall be calculated based on SGPA of all four semesters as per following computation:

SGPA	=	$C1 \times G1 + C2 \times G2 + \dots + Cn$
		$C1 + C1 + \dots + Cn$

Where C1 = Credit of individuate Theory / Practical
G1 = Corresponding Grade Point obtained in the Respective Theory / Practical

CGPA	=	$(SGPA) I \times (Cr) I + (SGPA) II \times (Cr) II + (SGPA) III \times (Cr) III + (SGPS) IV \times (Cr) IV.$
		$(Cr) I + (Cr) II + (Cr) III + (Cr) IV$

Where, (SGPA) I = SGPA of Semester
(Cr) I = Total Credits for I Semester
(SGPA) II = SGPA of II Semester
(Cr) II = Total Credits for II Semester
(SGPA) III = SGPA of III Semester
(Cr) III = Total Credits for III Semester
(SGPA) IV = SGPA of IV Semester
(Cr) IV = Total Credits for IV Semester

CGPA Final Grade

9.0 – 10 O
8.0 – 8.9 A
7.0 – 7.9 B




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6.0 – 6.9 C

5.5 – 5.9 D

5.0 – 5.4 E

4.9 and less F (Failed)

Final result will be indicated by CGPA based on SGPA of all the four semesters and Grade Sheet will only show the grade and the grade points and not the marks.

15. Provisions of the Ordinance relating to the award of grace marks for passing an examination securing higher Grade, distinction in subjects as updated from time to time shall apply to the examination under this Direction.

16. The names of the successful examinee passing the examination as a whole in the minimum prescribed period and obtaining prescribed number of places securing the grades as per adopted credit grade system shall be arranged in order of merit as provided in ordinance relating to examinations in General.

17. No candidate shall be admitted to an examination under this direction, if he/she has already passed the same examination of this university or of any other university.

18. An examinee who does not pass or who fails to present himself for the examination shall be eligible for readmission to the same examination on payment of a fresh fee and such other fees and may be prescribed.

19. An unsuccessful examinee at any of the above examination shall carry college internal assessment Marks of the theory to his/her college assessment marks in the subject or subjects in which he/she shall be examined for total marks comprising of theory and internal assessment together at his / her successive attempts.

20. The candidate may take all the examinations as per the provision for A.T.K.T. simultaneously but his result of final semester shall not be declared unless he is declared successful at lower semester examinations.

21. If an examinee failed to pass the post graduate programme within five successive years (for four semesters degree) from the date of his / her first admission to particular post graduate 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 examinations of the course.

22. The semester end examination shall be conducted by the Gondwana University, Gadchiroli at the appointed examination..

23. For the external (Private) candidates, the Internal Assignment marks shall be assigned in proportionate to the marks scored by the candidate in end semester examination conducted by the university.

24. The successful examines for all semesters of the above examination shall be awarded degree of Master of Arts in Marathi under the Faculty of Arts under the signature of the Vice-Chancellor.

Gadchiroli
Dated : 24 /08 /2016



Sd/-
Dr. N.V. Kalyankar
Vice-Chancellor,

Principal
Mahatma Gandhi Arts,
Science & Late
N. P. Commerce College,
Amori, Dist - Gadchiroli

Appendix-A

M.A. MARATHI SCHEME

Teaching and Examination Scheme (CBCS) system

Subject	Course Scheme			No. of Credits	Examination Scheme					
	L	T/Others	P		Maximum Marks			Minimum Passing Marks		
					ESE	IA	Total	ESE	IA	Total
Semister I										
CORE I-अर्वाचीनकविताभाग-१ (१८८५ ते १९४५)	4	2	-	(4+1) 5	80	20	100	32	08	40
CORE II-साहित्यशास्त्र भाग- १	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.गद्य भाग- १ (प्राचीन)	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.मराठीवैचारिकनिबंध भाग- १										
ELECTIVE P.नाटकभाग- १	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.लोकसाहित्य भाग- १										
Semister II										
Appendix-B										
CORE I-अर्वाचीनकविताभाग-२ (१९४५ ते २०००)	4	2	-	(4+1) 5	80	20	100	32	08	40
CORE II-साहित्यशास्त्र भाग- २	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.गद्य भाग- २ (अर्वाचीन)	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.मराठीवैचारिकनिबंध भाग- २										
ELECTIVE P.नाटकभाग- २	4	2	-	(4+1) 5	80	20	100	32	08	40
ELECTIVE P.लोकसाहित्य भाग- २										




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Semister III				Appendix-C							
CORE I-आचीत- मध्ययुगेनगरठीकविज्ञान- १	4	2	-	(4+1)5	80	20	100	32	08	48	
CORE II-भाषाविज्ञानभाग- १	4	2	-	(4+1)5	80	20	100	32	08	48	
ELECTIVE P. विरोधात्मकता : तुकारामभाग- १	4	2	-	(4+1)5	80	20	100	32	08	48	
ELECTIVE P.विरोधात्मकता : अण्णाभाऊसाठेभाग- १											
ELECTIVE P.मराठीबाहु मध्यावधिविज्ञानभाग- १ (आवधानासून तेद. १८२८ पर्यंत)	4	2	-	(4+1)5	80	20	100	32	08	40	
ELECTIVE P.नेतेबाहु मध्यावधिविज्ञानभाग १ : दलित व स्त्रीवादीसाहित्य											
Semister IV				Appendix-D							
CORE I-आचीत- मध्ययुगेनगरठीकविज्ञानभाग- २	4	2	-	(4+1)5	80	20	100	32	08	40	
CORE II-भाषाविज्ञानभाग- २	4	2	-	(4+1)5	80	20	100	32	08	40	
ELECTIVE P.विरोधात्मकता : तुकारामभाग- २	4	2	-	(4+1)5	80	20	100	32	08	40	
ELECTIVE P.विरोधात्मकता : अण्णाभाऊसाठे भाग-२											
ELECTIVE P.मराठीबाहु मध्यावधिविज्ञान भाग-२ (१८२८ ते २०००)	4	2	-	(4+1)5	80	20	100	32	08	40	
ELECTIVE P.नेतेबाहु मध्यावधिविज्ञानभाग २ : ग्रामीण व अतिशयोक्ति											
Total					50			1600			

Note :-L- Lecture T- Tutorial P- Practical ESE- End Semester Examination IA- Internal Assessment
(Two Core Paper And Two Elective Paper)

Others- Two hours per week of assignment/presentation of one credit for each paper is prescribed in each semester.



Direction of NEP - 2020 Implementation of M.A. (ALL)



Gondwana University, Gadchiroli
DIRECTION NO 34 of 2023

ADMISSION AND EXAMINATION LEADING TO THE DEGREE OF MASTER OF ARTS (AS PER NEP 2020) EXAMINATION UNDER FACULTY OF HUMANITIES, DIRECTION, 2023.

Whereas, The Maharashtra Public Universities Act, 2016 (VI of 2017) has come into force from 1st March 2017;

AND

Whereas, Gondwana University (hereinafter "the University") is now being governed by The Maharashtra Public Universities Act, 2016 (VI of 2017) (herein after the Act);

AND

Whereas, in the meetings of all Boards of Studies under the Faculty of Humanities it is resolved to restructure all the post graduate programmes of the faculty in tune with National Education Policy 2020, and decided to adopt curriculum as per State Government Higher and Technical Education Department Government resolution No. एनईपी-२०२२/प्र क्र.०९/विशि-३ शिकाना मंत्रालय, मुंबई ४०००३२, दिनांक १६ मे, २०२३ including the change in the nomenclature of the programmes. All the Boards of Studies have submitted the draft scheme of examinations, syllabus and other details of these programmes including On Job Training (OJT)/ Field Project (FP), Research Methodology (RM) and Research Projects (RP) to be introduced in the various Semester of the restructured programmes;

AND

Whereas, the draft scheme of Syllabus Examinations, and other details of these programmes prepared and approved by the respective Board of Studies of the Faculty of Humanities in its meeting dated 4 May, 2023 On behalf of the Faculty and Academic Council, The Vice Chancellor has accepted the draft submitted by the Board of Studies of the Faculty of Humanities.

AND

Whereas, the different post graduate programs in the Faculty of Humanities (Master of Arts) are till date governed through different Ordinances and Directions, in order to bring uniformity in the process of admission, ATKT, Scheme of examination, all the board of studies in these subjects have agreed to have a uniform direction/ordinance governing all the Master of Arts programs in the University

AND

Whereas, as per the National Education Policy 2020 and the gazette of the nomenclature of programmes published by the University Grants Commission in 2014, the nomenclature and scheme of examination and other details of the erstwhile degrees of

Master of Arts in Marathi, Master of Arts in English, Master of Arts in Hindi, Master of Arts in Pali, Master of Arts in Economics, Master of Arts in Sociology, Master of Arts in Political Science, Master of Arts in History, Master of Arts in Geography, Master of Arts in Applied Economics, Master of Arts in Ambedkar Thought, Master of Arts in Home Economics, Master of Arts in Military Science,, Master of Arts in N.C.C, Master of Arts in Psychology, Master of Arts in Music, Master of Arts in Public Administration with the approval of competent authorities of Gondwana University, Gadchiroli.

AND

Whereas, Ordinance is required to be framed for the governance of Admissions and Examinations in any program but it takes time to frame an Ordinance and there is an urgency to bring into effect the changes in the Master of Arts Programs;

Now, therefore being satisfied with the nature of emergency, I, Dr. Prashant S. Bokare, Vice-Chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under Section 12(8) of the Maharashtra Public Universities Act, 2016 do hereby issue the following direction:

1. This direction shall be called "DIRECTION GOVERNING THE EXAMINATION LEADING TO THE DEGREE OF MASTER OF ARTS (AS PER NEP 2020) EXAMINATION UNDER THE FACULTY OF HUMANITIES, GONDWANA UNIVERSITY, GADCHIROLI".
2. This Direction shall come into force from the academic session 2023-24.
3. **Interpretation Clause:** In this direction, unless the context requires otherwise the words, phrases and abbreviations used shall have the following meaning:
 - a. **"Academic Council"** means Academic Council of Gondwana University. Gadchiroli
 - b. **"ATKT"** means Allowed To Keep Term in higher semester.
 - c. **"Board of Studies"** means Board of Studies for various subjects of Arts in the faculty of Humanities in the University.
 - d. **"CC"** means Core Course
 - e. **"CA"** means College Assessment which refers to the Internal Assessment done at college/institute level.
 - f. **"Competent Authority"** (for admission purpose) means an "Authority" established or assigned the duty to regulate admissions in the course by the Government of Maharashtra or an authority constituted by the University, for this purpose.
 - g. **"Credit Point"**(G)It is the product of grade point and number of credits for a course.
 - h. **"Credit"** (C) A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
 - i. **"Course"** means a paper/subject (theory or practical) prescribed for any semester of the programme.

- j. **“Cumulative Grade Point Average (CGPA)”** It is a measure of overall cumulative Performance of a student over all semesters (four semesters). The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
 - k. **“DSE”** means Discipline Specific Elective Course
 - l. **“Degree”** means the Post Graduate Degree awarded after successful completion of the programme governed by this Direction.
 - m. **“Fees”** means the fees prescribed by the University/Shikshan Shulka Samiti of Government of Maharashtra, for the Post Graduate Programme under this Direction, from time to time.
 - n. **“Grade Letter”** is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
 - o. **“Grade Point”** It is a numerical weight allotted to each letter grade on a 10-point scale.
 - p. **“Master Programme”** means Master degree programme in Arts.
 - q. **“MOOC”** means Massive Open Online Course offered by SWAYAM/NPTEL or any other recognized University or Institution or Platform.
 - r. **“SEC”** means Skill Enhancement Course.
 - s. **“Semester Grade Point Average (SGPA)”** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
 - t. **“Student”** means student admitted to Master’s degree programme in Arts under this direction.
 - u. **“ODL”** means Online Distance Learning
 - v. **“University”** means Gondwana University. Gadchiroli
4. **Details of eligibility for M.A. Semester– I Examination**

Subject to the compliance with the provisions of the Direction and other Ordinances in force from time to time, the following applicants shall be eligible for the admission to Master of Arts and Examination thereof.

Applicants who have passed the Examination (as mentioned in table 1) of Gondwana University, Gadchiroli or any statutory University in India or abroad recognized by University Grants Commission (UGC) or any other relevant apex regulatory authority or body of India an Examination recognized as equivalent thereto, are eligible for admission to the M.A. Semester – I program for their examination, provided applicant has secured an aggregate of not less than 40% marks at the B.A. *examination*

Table 1: M. A. Programs

Sr.No	'Major' to be offered	Eligibility for admission to Semester - I	Code
1	Marathi	A candidate should have opted Marathi as Major subject at B.A. /B.COM/B.Sc Examination.	MAR
2	English	A candidate should have opted English as Major subject at B.A. /B.COM/B.Sc Examination.	ENG
3	Hindi	A candidate should have opted Hindi as Major subject at B.A. /B.COM/B.Sc Examination..	HIN
4	Pali	A candidate should have opted Pali as Major subject at B.A. /B.COM/B.Sc Examination..	PAL
5	Economics	A candidate should have opted Economics as Major subject at B.A. /B.COM Examination.	ECO
6	Sociology	A candidate should have opted Sociology as Major subject at B.A. Examination.	SOC
7	Political Science	A candidate should have opted Political Science as Major subject at B.A. Examination.	POL
8	History	A candidate should have opted History as Major subject at B.A. Examination.	HIS
9	Geography	A candidate should have opted Geography as Major subject at B.A. Examination.	GEO
10	Applied Economics	A candidate should have opted Applied Economics/ Economics as Major Subject at B.A./B.COM Examination.	AEC
11	Ambedkar Thought	A candidate should have opted Ambedkar Thought as Major subject at B.A. Examination.	AMT
12	Home Economics	A candidate should have opted Home Economics as Major subject at B.A. Examination.	HEC
13	Military Science	A candidate should have opted Military Science as Major subject at B.A. Examination.	MSc
14	N.C.C	A candidate should have opted NCC as Major subject at B.A. /B.COM/B.Sc. Examination.	NCC
15	Psychology	A candidate should have opted Psychology as Major subject at B.A. Examination.	PSY
16	Music	A candidate should have opted Music as Major subject at B.A. /B.COM/B.Sc. Examination.	MUS
17	Public Administration	A candidate should have opted Public Administration /Political Science as Major subject at B.A. Examination.	PAD

NOTES:

- Total intake capacity for the program as approved by the university shall remain the same and be divided amongst the 'Major' programs allowed for M. A.
- The COLLEGE may offer a particular 'Major' subject depending on the availability of students and teachers. The COLLEGE is not expected to force any student to opt for a particular subject where a choice is provided in the scheme of examination.

5. Duration of the Program, student progression path and provisions for Multiple Entry and Exit

a. Duration of the M. A. Program shall be TWO years with the provision for multiple exit as mentioned here:

- i. A student can exit the program after successful completion of 1st and 2nd semesters having earned requisite number of credits as mentioned in the scheme of examination. Such a student shall be eligible for the award of 'Post Graduate Diploma in Arts' with a major by the University.

OR

a student can continue the program in 2nd year in order to become eligible for the award of 'Master of Arts degree with a major subject by the university.

b. Re-entry or Lateral Entry

- i. Students, opting for exits at any level, will have the option to re-enter the programme from where they have left off, in the same or in a different higher education institution will be permissible up to 5 years from the date of admission to PG program.
- ii. Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid credits as deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher Education Institutions and proficiency test records.

Table 2: Eligibility for Award of PG Diploma/Degree

Semester Completion	No. of Minimum Credits Required	Additional Credit Requirement	Eligible For
I and II	40	Nil	Post Graduate Diploma in Arts with Major
III and IV	80	Nil	Master of Arts Degree with Major

6. Selection of 'Major' Subject

A student admitted to this program is required to select any one of the subjects/programs (Refer Table 1) as 'Major' subject to the availability of a particular subject in a particular college and is required to undergo and successfully complete the 'Core' and 'Elective' courses as mentioned in the scheme of examination of the selected 'Major' subject.

7. Availability of 'Major' and 'Intake Capacity'

All colleges affiliated to the University for offering **Master of Arts (M. A.)** Program/s in the Faculty of Humanities shall have their intake as approved by Gondwana University, Gadchiroli. The available Major programs for M.A. are listed in Table 1 above.

8. All colleges affiliated to the University offering M.A.. Program are required to put up a list of 'Major' subjects it is offering on the Notice Board as well as on the website of the college to make students aware about the availability of subjects. Moreover, colleges are expected to define and display the 'Standard Operating Procedures' for the college faculty members and students to facilitate the process of selecting 'Major' subjects.
9. In pursuance with the National Education Policy 2020 and a Government Resolution No. NEP-2022/प्र.क्र.09/विशी-3/शिकाना dated 16th May 2023 issued by the Government of Maharashtra, the credit framework for M. A. Program shall be as decided by respective Board of Studies in the Faculty of Humanities as **Annexure – I**.

10. Teaching and Examination Scheme

Teaching and Examination Schemes for all available 'Major' subjects for Master of Arts (M. A.) degree are appended in **Annexure – II**.

11. Evaluation Scheme for OJT/FP/ and RP

A student of M. A. Semester – II has to compulsorily undergo 'On Job Training'. Similarly, a student of M. A. Semester – III and IV is required to undertake a 'Research Project'. Scope of these courses and their detailed evaluation scheme is appended in **Annexure – III**.

12. Grade Conversion Table and Computation of SGPA and CGPA

Table 3: Grade Conversion Table (Theory)

SN	Letter Grade	Grade Point Range	Mark Range (%)	Performance
1	O	9.00 - 10.00	90 - 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	C	5.00 - < 5.50	50 - < 55	Average
7	P	4.00 - < 5.00	40 - < 50	Pass
8	F	Below 4	Below 40	Fail
9	AB	0	-	Absent

Table 4: Grade Conversion Table (Practical)

SN	Letter Grade	Grade Point Range	Mark Range (%)	Performance
1	O	9.00 - 10.00	90 - 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	P	5.00 - < 5.50	50 - < 55	Pass
7	F	Below 5	Below 50	Fail
8	AB	0	-	Absent

Note: -When students take audit courses, they may be given pass (P) or fail (F) grade without any credits.

Computation of SGPA & CGPA:

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$SGPA (S_i) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where, C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

iii. The SGPA and CGPA shall be rounded off to 2 decimal points

iv. CGPA to Percentage (%) conversion formula:

$$\text{Percentage (\%)} = (CGPA) * 10$$

13. Credit Specifications:

- a. Theory/Tutorial Courses: One hour/credit/week (a minimum of 15 hours of teaching per credit is required in a semester.
- b. Laboratory/Performance Based Courses: A minimum of 30 hours in laboratory or Performance Based activities is required in a semester. Performance based activities include Studio activities, Workshop based activities, internship, Apprenticeship, Field based learning, community engagement learning, etc.
- c. Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.

14. Assessment

- The final total assessment of examinees shall be made in terms of College Assessment (CA) for 20% component and University Assessment (UA) for 80% component for each THEORY course mentioned in the scheme of examination.
- The final total assessment of examinees shall be made in terms of College Assessment (CA) and University Assessment (UA) for each PRACTICAL course as mentioned in the scheme of examination.
- 'On Job Training/Internship' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.
- 'Research Project' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.

Table 5: College Assessment

1a	Attendance of the student during a particular semester	05 Marks
1b	An assignment based on curriculum to be assessed by the teacher concerned	05 Marks
1c	Subject wise class test or Performance Based Activities conducted by the teacher concerned	10Marks
1	College Assessment Evaluation Total marks	20

- Expected Performance Based Activities shall consist of the following: (a) Group Discussion (b) Seminars (c) Power Point Presentations (d) Elocution (e) Debate (f) Role Play (g) Case Studies (h) Educational Games. The teacher is expected to undertake a minimum of four of the aforesaid activity.
- The CA marks will be communicated to the University at the end of each semester, but before the semester end examinations / as instructed by the university. These marks will be considered for the declaration of the results.
- The record of CA marks, evaluation & results should be maintained for a period of three year by the respective institute/college for verification by the competent authority.

15. Attainment of Course Outcomes

a. College Assessment shall be carried out at college/department level in such a way the attainment of prescribed learning outcomes can be measured. The college/department concerned is required to define outcome (4-6) for every course.

b. University Assessment is conducted by the university. in way of End Examination The question papers for these examinations are required to be set in such a way that the attainment of prescribed learning outcomes can be measured.

16. Standard of Passing

The scope of the subject, percentage of passing in Theory and Project and Internal Assessment will be governed as per following rules:

- (i) In order to pass the Master of Arts(M. A.) 1st, 2nd, 3rd and 4th Semester Examinations, an examinee shall obtain not less than 40% (Letter Grade P) marks in each theory course/paper, taking UA &CA together. Whereas, for practical/performance-based examination an examinee shall obtain not less than 50% (Letter Grade P) marks in each practical, taking UA & CA together. Moreover, a student is required to secure not less than 40% marks in aggregate i.e., taking all courses together in order to become eligible for the award of M. A. degree.
- (ii) An examinee who is unsuccessful at the examination shall be eligible for admission to the subsequent examinations on payment of a fresh fee prescribed for the examination together with the conditions of the ordinance in force from time to time.
- (iii) The candidates who pass all the semester examinations in the first attempt are eligible for ranks.
- (iv) The results of the candidates who have passed the Semester-IV examination but not passed the lower semester examinations shall be declared as WLS (withheld for not completed lower semester examinations). Such candidates shall be eligible for the Degree only after successful completion of all the lower semester examinations.
- (v) The successful examinees at the M.A. semester IV examination shall be awarded division based on CGPA as follows:

Table 6: CGPA Vs Division

CGPA	Division
7.5 and above	1 st division with distinction
6 to 7.49	1 st division
5 to 5.99	2 nd division

- (vi) Provisions of **Ordinance No. 3 of 2007 of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur** relating to the award of Grace Marks for passing and examination, securing higher division / class and for securing distinction in subject(s) shall be applicable till the own Direction/Ordinance of Gondwana University, Gadchiroli in this regard will come into force.
- (vii) University guidelines and directions issued from time to time regarding improvement of Results, Reassessment/Revaluation and Incentive Marks shall be applicable to M.A. programs covered under this direction.

17. Rules for ATKT (Allowed To Keep Term):

An unsuccessful examinee at any semester examination shall be **ALLOWED TO KEEP TERM** as per following conditions:

Table 7: ATKT Rules

Admission to Semester	Eligibility for admission and taking University Examination
Semester – I	Candidate should have passed the qualifying examination as per the relevant Direction governing the course.
Semester – II	Candidate should have completed the term of the I st semester and appeared for at least one University Theory examination paper of Semester- I.
Semester – III	Candidate should have completed the term of the II nd semester, filled the examination form of the same and has obtained exemption in 50 percentage passing heads of the I st and II nd semesters taken together.
Semester – IV	Candidate should have completed the term of the III rd semester and appeared for at least one University Theory examination paper of Semester- III.

18. Absorption of students admitted under previous directions

19. Master of Arts in Marathi, Master of Arts in English, Master of Arts in Hindi, Master of Arts in Pali, Master of Arts in Economics, Master of Arts in Sociology, Master of Arts in Political Science, Master of Arts in History, Master of Arts in Geography, Master of Arts in Applied Economics, Master of Arts in Ambedkar Thought, Master of Arts in Home Economics, Master of Arts in Military Science,, Master of Arts in N.C.C, Master of Arts in Psychology, Master of Arts in Music, Master of Arts in Public Administration under previous directions/ordinance shall not be absorbed into the scheme of examination under this direction. Hence, the university shall continue to conduct these examinations for THREE years to provide opportunities to failure students of these programs. All failure students after these additional SIX attempts will be required to take admission to 1st year of M. A. program as per this direction.

20. vision for Transfer of Credits

The M.A. program offered under this direction provides enhanced academic flexibility to students in terms of selecting the courses they want to learn. A student can opt for any course from any statutory/recognized University or a MOOC from SWAYAM/NPTEL in lieu of a course mentioned in this scheme of examination as 'Elective' course. The mechanism for transfer of credits earned through these courses to be adhered is mentioned here:

1. Every student is mandatorily required to create an ID on Academic Bank of Credits (ABC) and shall submit her/his ID to the college.
2. Any Course mentioned in this scheme of examination under 'Elective' can be opted out by a student for taking a MOOC from SWAYAM/NPTEL learning platform.
3. A student cannot opt out any of the compulsory (Core) courses.
4. If a student is willing to opt out any 'Elective' course, he/she will have to mention this while submitting the examination form to the University for respective semester.
5. A certificate of completion of such an ODL/Online course shall be submitted by the student to the University through college before end term evaluation.
6. Such a certificate shall mandatorily have the number of credits, duration of the course and grades/marks obtained by the student and shall preferably have a QR code for verification.
7. The college shall submit the grades and marks obtained by the student to the University along with Internal Assessment marks for the concerned examination.
8. If a student has opted for an ODL/Online course in a particular semester and failed to submit the certificate within prescribed time, the student will be marked for 'Absent' for a particular course in that examination. Such a student will be required to fill in the examination form in the consecutive attempt and submit the passing certificate in order to get his/her corrected result.
9. A separate guideline 'Transfer of Credits' issued by the University will be applicable to the students of M. A. Program from the date of its issuance.

21. Abbreviations Used:

CA: College Assessment UA: University Assessment

OJT: On Job Training (Internship/Apprenticeship), RM: Research Methodology, RP: Research Project

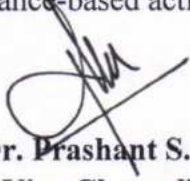
Annexure – I: Credit Structure given by Govt. of Maharashtra as per GR dated 16/05/2023

Annexure – II: Scheme of teaching & examination of all Major programs

Annexure – III: Rubrics and evaluation scheme for performance-based activities i.e., FP/OJT/RP etc.

Date: 08/12/2023

Place: Gadchiroli


(Dr. Prashant S. Bokare)
Vice-Chancellor

Annexure-I

राज्यामध्ये राष्ट्रीय शैक्षणिक धोरण, २०२० च्या अंमलबजावणीच्या अनुषंगाने गठीत करण्यात आलेल्या सुकाणू समितीच्या शिफारशीनुसार एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी श्रेयांक वितरणासंदर्भातील सुधारित मार्गदर्शक सूचना.

महाराष्ट्र शासन उच्च व तंत्र शिक्षण विभाग

शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना
मंत्रालय, मुंबई ४०० ०३२,
दिनांक: १६ मे, २०२३

- संदर्भ -**
१. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.१०५/विशि-३, दि.०६.१२.२०२२
 २. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना दिनांक २६.१२.२०२२.
 ३. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना दिनांक २०.०४.२०२३.
 ४. अध्यक्ष, सुकाणू समिती (नवीन शैक्षणिक धोरण, २०२०) यांचे दि.९.०५.२०२३ चे पत्र

प्रस्तावना-

भारताला ज्ञान महासत्ता बनविण्यासाठी, विद्यार्थ्यांमध्ये आवश्यक कौशल्य व ज्ञानप्राप्ती आणि विज्ञान, तंत्रज्ञान, शिक्षण आणि औद्योगिक क्षेत्रामधील मनुष्यबळाची कमतरता दूर करण्यासाठी, भारतातील लोकसंख्येला गुणवत्तापूर्ण शिक्षण, नाविन्यपूर्ण शिक्षण व संशोधनाच्या सुविधा उपलब्ध करून देण्यासाठी, भारत सरकारने नवीन राष्ट्रीय शैक्षणिक धोरण- २०२० लागू केलेले आहे. नवीन शैक्षणिक धोरणामध्ये सर्वांगीण आणि बहुविद्याशाखीय शिक्षण प्रणालीचा अंतर्भाव करण्यात आला असून ज्याचा उद्देश मानवाच्या सर्व क्षमतांचा नैतिक - एकात्मिक पद्धतीने विकास करणे आहे.

दि.२६.०४.२०२२ च्या शासन निर्णयान्वये गठीत करण्यात आलेल्या डॉ. रविंद्र कुलकर्णी, माजी प्र-कुलगुरु, मुंबई विद्यापीठ, मुंबई यांच्या अध्यक्षतेखालील उपसमितीने सादर केलेल्या अहवालाच्या अनुषंगाने अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भातील निर्देश दि.०६.१२.२०२२ च्या शासन निर्णयान्वये जारी करण्यात आले आहेत.

राष्ट्रीय शैक्षणिक धोरण, २०२० ची राज्यातील अंमलबजावणीच्या अनुषंगाने गठीत उपसमित्यांच्या अहवालातील शिफारशींच्या अंमलबजावणीसंदर्भात आढावा घेऊन येणाऱ्या अडचणी निवारणासाठी उपाययोजना सुचविण्यासाठी व मार्गदर्शन करणेसाठी दि. २६.०१.२०२२ च्या शासन निर्णयान्वये सुकाणू समिती स्थापन करण्यात आली आहे. सुकाणू समितीने अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भात सादर केलेल्या अंतरिम अहवालावर दि. १९ व २० एप्रिल २०२३

रोजी आयोजित करण्यात आलेल्या चर्चासत्रामध्ये साधकबाधक चर्चा होऊन अभ्यासक्रम व श्रेयांक आराखड्याची राज्यामध्ये एकसमान प्रमाणात अंमलबजावणी होण्यासाठी सुधारित सुचना व निर्देश दिनांक २०.०४.२०२३ च्या शासननिर्णयान्वये जारी करण्यात आले आहेत.

सदर सुकाणू समितीने एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी श्रेयांक वितरणासंदर्भात दिनांक ०९.०५.२०२३ च्या पत्रान्वये शिफारशी केल्या आहेत. सदर शिफारशीची राज्यामध्ये एकसमान प्रमाणात अंमलबजावणी होण्यासाठी तशा सुचना व निर्देश जारी करण्याची बाब शासनाच्या विचाराधीन होती.

शासन निर्णय:-

एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी, सोबत जोडलेल्या परिशिष्टानुसार अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भात सुधारित निर्देश जारी करण्यात येत असून सदर निर्देशांची वर्ष २०२३-२४ पासून अंमलबजावणी करण्यात यावी.

सदर निर्देश महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ मधील कलम ५ (८१) मधील तरतूदीनुसार निर्गमित करण्यात येत आहेत.

सदर निर्देशांच्या अंमलबजावणीबाबतचा आढावा शासनामार्फत सुकाणू समितीच्या माध्यमातून वेळोवेळी घेण्यात येईल.

सदर शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा सांकेतांक २०२३०५१६१७२२१९५४०८ असा आहे. हा शासन निर्णय डिजीटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

AJIT MADHUKARRAO
BAWISKAR

Digitally signed by AJIT MADHUKARRAO BAWISKAR
DN: c=IN, o=GOVERNMENT OF MAHARASHTRA, ou=HIGHER AND
TECHNICAL EDUCATION DEPARTMENT,
2.5.4.20d9d9d15309d186c756d7719d566c08a06a542859d92790d9
33415e64, postalCode=400032, st=Maharashtra,
serialNumber=9569280280P71EBOYCD289W2390499182AC38992617E
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Date: 2023.05.16 17:37:47 +05'30'

(अजित बाविस्कर)

उप सचिव, महाराष्ट्र शासन

प्रत,

१. मा. राज्यपाल यांचे प्रधान सचिव, राजभवन, मुंबई,
२. मा. मुख्यमंत्री यांचे प्रधान सचिव, मंत्रालय, मुंबई,
३. मा. उपमुख्यमंत्री यांचे उप सचिव, मंत्रालय, मुंबई,
४. मा. मंत्री, उच्च व तंत्र शिक्षण विभाग, यांचे खाजगी सचिव, मंत्रालय, मुंबई,

५. मा. कुलगुरु, सर्व अकृषि विद्यापीठे, अभिमत विद्यापीठे, स्वयं अर्थसहाय्यित विद्यापीठे व समूह विद्यापीठे.
६. कुलसचिव, सर्व अकृषि विद्यापीठे, अभिमत विद्यापीठे, स्वयं अर्थसहाय्यित विद्यापीठे व समूह विद्यापीठे
७. संचालक, उच्च शिक्षण/ तंत्रशिक्षण/ कला/ ग्रंथालय
८. प्रधान सचिव, उच्च व तंत्र शिक्षण विभाग, यांचे स्वीय सहाय्यक, मंत्रालय, मुंबई.
९. उप सचिव (विशि), उच्च व तंत्र शिक्षण विभाग, यांचे स्वीय सहाय्यक, मंत्रालय, मुंबई,
१०. निवडनस्ती (विशि-३).

Structure and Credit Distribution of PG Degree Program

Vide G.R. No. NEP-2022 /CR No. 09/VISHI-3 /शिकाना dated April 20, 2023, the Directive, covering the Credit distribution structure for Four Year UG Honours/ Honours with Research Degree Programme with Multiple Entry and Exit options, was issued. In continuation of Section 8 of this GR- 'Design of PG / Master's Programmes', the illustrative Table depicting the Credit Distribution for Two Year PG Programme with one Exit Option/ One Year PG Programme is as given below:

Illustrative Credit distribution structure for Two Years/ One Year PG (M.A./M.Sc./M.Com.) and Ph. D. Programme

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4+2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4+2*2 or 3*4+2)	4		4		20-22	
Cum. Cr. For PG Diploma			24-28	8	4	4	-	40-44	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4+2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4+2 or 3*4)	4			6	20-22	
Cum. Cr. for 1 Yr PG Degree			22-26	8			10	40-44	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									
	8.0		Course Work Min. 12 (3*4)			Training in Teaching / Education/ Pedagogy: 4	16 + Ph. D. Work		Ph.D. in Subject

Abbreviations: Yr.: Year; Sem.: Semester; OJT: On Job Training; Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP; Cumulative Credits: Cum. Cr.

- (a) With effect from Academic Year 2023-24, Two years Master's Degree Program will be revamped as per the Illustrative Credit Distribution given in the above Table.
- (b) Credits offered per Semester will be a Minimum of 20 and a Maximum of 22. While minimum credits are mandatory as per National Credit Framework, the Universities can evolve the mechanism for providing Semester/ Levelwise credit attainment flexibility within the broad framework.
- (c) Under the One-year PG Diploma program, and two-year master's Degree program, the students must complete on-the-job training/internship of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.
- (d) The 4 Credits Research Methodology Component is mandatory in the First Year.
- (e) Since the Master's Programme is based on DSC Specialisation, the PG curricular framework will not include Minor Subject. Electives selected in the PG program may be **Relevant to OR Supportive of** the Major Subject chosen. The Statutory authorities of the University or Autonomous College can take a decision in this regard.
- (f) The students will have to undertake a research project of 4 credits in Semester III and a research project of 6 credits in Semester IV in the second year of the two-year master's degree program. This is also applicable to the students admitted to one year PG program after completion of four year UG Program.
- (g) Colleges already having permission and recognition for the PG degree programme along with UG degree programme in the same Major shall be automatically allowed to continue PG degree programme in the same Major without undergoing any additional procedures. Similarly, the colleges with approved PG programme and Ph.D. Research Centre in the same Major shall be automatically allowed to continue PG and Ph. D. Degree programme without undergoing any additional procedures.
- (h) The exit option at the end of one year of the Master's degree program will commence from AY 2024-25. Students who have joined a two-year Master's degree program may opt for exit at the end of the first year and earn a PG Diploma.
- (i) The PG Diploma may be awarded to a student provided they have earned the requisite credits in one year including on-the-job training of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.

- (j) The one-year Master's Degree Program will begin with effect from Academic Year 2027-28.
- (k) Re-entry to complete the PG degree, after taking the exit option, will be permissible up to 05 years from the date of admission to the PG program.
- (l) With regards to the Eligibility criteria and Procedure for admission to the Ph.D. Programme, Duration of the Ph.D. Programme, Eligibility and Allocation of Research Supervisor, Course Work (Credit requirements, number, duration, syllabus, minimum standards for completion), Research Advisory Committee and its Functions, Academic, research, administrative, and infrastructure requirements to be fulfilled by Colleges for getting recognition for offering Ph.D. Programme, Award of Ph. D. Degree etc, the Universities and Autonomous Colleges must comply UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022, dated Nov. 7, 2022.
- (m) The University and Autonomous College must adopt this GR within 10 days after its issue.
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NEP 2020 Semester Pattern Scheme for Examination for M. A. in Marathi

M. A. Part - I Semester I & II Major (DSC) and Minor

Paper Code	Major (मुख्य विषय) Mandatory (अनिवार्य)	Sem.	Credits		Examination	Internal Assessment	Total Marks
					Marks	Marks	
MAMLC01	१. साहित्यशास्त्र	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLC02	२. वाङ्मय प्रकार - कविता - प्राचीन व मध्यपुगीन कविता	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLC03	३. वाङ्मय प्रकार - नाटक	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
Elective (Any One) (वैकल्पिक)							
S1MAMLE01	४. नवे वाङ्मय प्रवाह - दलित साहित्य	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLE02	४. आत्मचरित्र	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLE03	४. मराठी वैचारिक साहित्य भाग -१	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLE04	४. लोकसाहित्य भाग - १	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLE05	४. प्राचीन मराठी गद्य	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S1MAMLC04	५. संशोधनशास्त्र Mandatory (अनिवार्य)	I	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
Total			20		400	100	500

Satekar

गोंडवाना विद्यापीठ, गडचिरोली

पदव्युत्तर अभ्यासक्रम (NEP2020)

मानव्य विद्याशाखा

विषय - मराठी

Examination Scheme - SEMESTER I & II

NEP 2020 Semester Pattern Scheme for Examination for M. A. In Marathi

M. A. Part - I Semester I & II Major (DSC) and Minor

					Examination	Internal Assessment	Total Marks
Paper Code	Major (मुख्य विषय) Mandatory (अनिवार्य)	Sem.	Credits		Marks	Marks	
MAMLC01	१. भाषाविज्ञान	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLC02	२. वाङ्मय प्रकार - कविता - अर्वाचीन मराठी कविता	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLC03	३. वाङ्मय प्रकार - कादंबरी	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
Elective (Any One) (वैकल्पिक)							
S2MAMLE01	४. नवे वाङ्मय प्रवाह - स्त्रीवादी साहित्य	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLE02	४. आत्मकथन	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLE03	४. मराठी वैचारिक साहित्य भाग - २	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLE04	४. लोकसाहित्य भाग - २	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLE05	४. अर्वाचीन मराठी ललित गद्य	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
S2MAMLC04	५. प्रशिक्षण कार्य किंवा क्षेत्र-प्रकल्प Mandatory (अनिवार्य)	II	04	Full Marks	80	20	100
				Min. Passing Marks	32	08	40
Total			20		400	100	500

Satekar

GONDWANA UNIVERSITY, GADCHIROLI
FACULTY OF HUMANITIES
Two Years Regular Post-Graduate Program: (M. A.) English literature Semester I
Course and Examination Scheme 2023-2024

Area	Subject Code	Subjects	Teaching Scheme			Examination Scheme					
			Weekly Hours		No. of Credits	Duration of Paper (Hours)	Max. Marks	Theory		Total	Min Passing Marks
			L	T				ESE	IE		
Major : Mandatory Course	SIMAEN101	1. History of English literature - I	04		04	03	80	20	100	40	
	SIMAEN102	2. History of English language - I	04		04	03	80	20	100	40	
	SIMAEN103	3. Teaching of English language and literature - I	04		04	03	80	20	100	40	
Electives	SIMAEN104	4. Diasporic Literature - I	04		04	03	80	20	100	40	
	SIMAEN105	5. Dalit Literature -I	04		04	03	80	20	100	40	
	SIMAEN106	6. Women studies-I	04		04	03	80	20	100	40	
	SIMAEN107	7. American literature-I	04		04	03	80	20	100	40	
	SIMAEN108	8. English poetry -I	04		04	03	80	20	100	40	
Research Methodolog y	SIMAEN109	Research Methodology	04		04	03	80	20	100	40	

L= Lectures, T=Theory, ESE= End Semester Examination, IE=Internal Evaluation

GONDWANA UNIVERSITY, GADCHIROLI
FACULTY OF HUMANITIES

Two Years Regular Post-Graduate Program: (M. A.) English Literature Semester II
Course and Examination Scheme 2023-2024

Area	Subject Code	Subjects	Teaching Scheme			Examination Scheme					
			Weekly Hours		No. of Credits	Duration of Paper (Hours)	Max. Marks ESE	Theory		Total	Min Passing Marks
			L	T				Max. Marks Internal Assessment	IE		
Major : Mandatory Course	S2MAEN201	1.History of English literature - II	04	04	04	03	80	20	20	100	40
	S2MAEN202	2.History of English language - II	04	04	04	03	80	20	20	100	40
	S2MAEN203	3.Teaching of English language and literature -II	04	04	04	02	80	20	20	100	40
Electives	S2MAEN204	4.Diasporic Literature - II	04	04	04	03	80	20	20	100	40
	S2MAEN205	5.Dalit Literature -II	04	04	04	03	80	20	20	100	40
	S2MAEN206	6.Women studies-II	04	04	04	03	80	20	20	100	40
	S2MAEN207	7. American literature-II	04	04	04	03	80	20	20	100	40
	S2MAEN208	8. English poetry -II	04	04	04	03	80	20	20	100	40
On Job Training/ Field Project	S2MAEN209	On Job Training and Training Report			04	-	50 (External)	50 (Internal)		100	40
	S2MAEN210	Field Project (On any Topic of Major/Elective Subjects of Semester I and Semester II)			04	-	50 (External)	50 (Internal)		100	40

L= Lectures, T=Theory, ESE= End Semester Examination, IE=Internal Evaluation

Gondwana University, Gadchiroli

M.A Hindi SCHEME

Examination Scheme (NEP-2020)

SEMISTER - I

Subject Code	SUBJECT	Course Credits	Maximum Marks				Minimum Passing Marks			
			ESE	IA	TOTAL	ESE	IA	TOTAL		
			Examination Scheme							
Major DSC	हिंदी साहित्य का इतिहास -I (आदिकाल और भक्तिकाल)	4	80	20	100	32	8	40		
Major DSC	काव्यशास्त्र एवं साहित्यलोचन-I (भारतीय काव्यशास्त्र)	4	80	20	100	32	8	40		
Major DSC	आधुनिक हिंदी काव्य -I	4	80	20	100	32	8	40		
Major Elective Subject	प्रयोजनमूलक हिंदी -I	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी उपन्यास साहित्य -I	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी कहानी साहित्य -I	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी साहित्य की अन्य गद्य विधाएँ -I	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी दलित विमर्श और साहित्य	4	80	20	100	32	8	40		
Compulsary Subject (Reacher Methodology)	अनूसंधान क्रियाविधि	4	80	20	100	32	8	40		

Gondwana University, Gadchiroli

M.A Hindi SCHEME

Examination Scheme (NEP-2020)

SEMISTER - II

Subject Code	SUBJECT	Course Credits	Maximum Marks				Minimum Passing Marks			
			ESE	IA	TOTAL	ESE	IA	TOTAL		
			Examination Scheme							
Major DSC	हिंदी साहित्य का इतिहास -II (शैलीकाल और आधुनिक काल)	4	80	20	100	32	8	40		
Major DSC	काव्यशास्त्र एवं साहित्यलोचन-II (पद्यकाव्य काव्यशास्त्र)	4	80	20	100	32	8	40		
Major DSC	आधुनिक हिंदी काव्य-II	4	80	20	100	32	8	40		
Major Elective Subject	प्रयोजनमूलक हिंदी -II	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी उपन्यास साहित्य -II	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी कहानी साहित्य -II	4	80	20	100	32	8	40		
Major Elective Subject	हिंदी साहित्य की अन्य गद्य विधाएँ-II	4	80	20	100	32	8	40		
Major Elective Subject	स्त्री विमर्श और साहित्य	4	80	20	100	32	8	40		
OJT	प्रकल्प लेखन	4	80	20	100	32	8	40		

Subject - Pali

	Course Code.	Sem - I	Teaching Schemes/ Theory.	Credit	Examination			S
					University Assessment	College Assessment	Total Marks	
Major (DSC) mandatory.	213	Palikavya (Pajjopatho). Dhammapad.		04	80	20	100	3
	214	Suttapitake cha Vinaypitake		04	80	20	100	3
	215	Vyakasam Ani Bhashavidyan.		04	80	20	100	3
	216-1	Suttapitak Sahitya.		04	80	20	100	3
	216-2	Suttapitak Bhashavidyan.		04	80	20	100	3
Any One.	216-3	Amupitak Sahitya.		04	80	20	100	3
	216-4	Vinaypitak Ani Dighanikay.		04	80	20	100	3
	216-5	Mahawansh		04.	80	20	100	3
RM.	217	Research methodology.		04.	80	20	100	3
OJT								
F.P.								
Total								

Total Credit

Year	Level	Semester - II				Teaching & Learning Scheme				Examination Evaluation & Assessment Scheme										
		Sr No	Major	Course Code	Title of Paper	Theory	Practical/Tutorial	Total	Total Credit	Max Marks	Theory	Minimum Passing grade /Letter point	Total	Duration in Hours	Practical	Max Marks	Minimum Passing grade /Letter point	Total		
I	5.0	1	Mandatory	MAECO2001	Micro Economic Analysis - II	4	-	4	4	80	32	8	40					100		
		2	Mandatory	MAECO2002	Macro Economic Analysis - II	4	-	4	4	80	32	8	40						100	
		3	Mandatory	MAECO2003	Industrial Economics	4	-	4	4	80	32	8	40						100	
		4	Elective (Any One)	MAECO2004	Labour Economics															
				MAECO2005	Statistics For Economics - II	4		4		4		80	32	8	40					
		MAECO2006	Welfare Economics																	
		MAECO2007	Economics of Marketing																	
		MAECO2008	Financial Institutions and Markets																	
		5	OJT/FP	MAECO2009	On Job Training: Internship/ Apprenticeship or FP: Field projects	0	2*	4	4	0			4#		80	32	8	40	100	
					Total	16	2	20	20	320			4	80	20			500		

*Contact Hours (average per week) of the teacher for supervision and guidance in case of Field Project

Student expected to spend (average per week) for Field work (Project)

GONDWANA UNIVERSITY, GADCHIROLI

Master of Arts (NEP 20)

M.A. Sociology

Examination Scheme

Semester - I

Session – 2023-24

	Course Code	Sem - I	Teaching Scheme/Theory	Credit	Examination Scheme					
					Max Marks		Total Marks	Min. Passing Marks		
					University Assessment	College Assessment		Theory Marks	Internal Marks	Total
Major(DSC)	MASOC101	1) Classical Sociological Tradition	Th	4	80	20	100	32	08	40
	MASOC102	2) Sociology of change and development		4	80	20	100	32	08	40
	MASOC103	3) Perspectives on Indian Society. 4x3		4	80	20	100	32	08	40
Major Elective (DSE)	MASOC104	1) Industrial sociology		4	80	20	100	32	08	40
	MASOC105	2) Tribal society in India								
	MASOC106	3) Criminology								
	MASOC107	4) Media and society								
	MASOC108	5) Sociology of Disaster and Disaster Management								
	MASOC109	6) Sociology of Health and Medicine								
	MASOC110	7) Social Ecology								
	MASOC111	8) Rural Society In India								

	MASOC112	9) Social Stratification								
	MASOC113	10) Sociology of Aging								
	MASOC114	11) Sociology of Social Work 4x1 (Any Choose One)								
RM		4x1 (RM)		4	80	20	100	32	08	40
OJT		--								
RP		--								
Total Credit:-				20	400	100	500	160	40	200

DSC: Discipline/Department Specific Courses

DSE: Discipline Specific Elective Courses

OJT: On Job Training

RM: Research Methodology

GONDWANA UNIVERSITY, GADCHIROLI

Master of Arts (NEP 20)

M.A. Sociology

Examination Scheme

Semester - II

Session – 2023-24

					Examination Scheme					
Course Code	Sem - II	Teaching Scheme/Theory	Credit	Max Marks		Total Marks	Min. Passing Marks			
				University Assessment	College Assessment		Theory Marks	Internal Marks	Total	
Major(DSC)	MASOC201	1) Theoretical Perspectives in Sociology	Th	4	80	20	100	32	08	40
	MASOC202	2) Gender and Society		4	80	20	100	32	08	40
	MASOC203	3) Sociology of Kinship, Marriage and Family 4x3		4	80	20	100	32	08	40
Major Elective (DSE)	MASOC204	1) Social Psychology		4	80	20	100	32	08	40
	MASOC205	2) Women In Indian Society								
	MASOC206	3) Social Anthropology								
	MASOC207	4) Sociology of Migration								
	MASOC208	5) Sociology of Tribal Society								
	MASOC209	6) Sociology of Mass Communication								
	MASOC210	7) Agrarian Society change in India								
	MASOC211	8) Sociology of India								
	MASOC212	9) Urban Society in India								

	MASOC213	10) Social Problems in Contemporary India								
	MASOC214	11) Sociology of Environment and Society 4x1 (Any Choose One)								
RM		--		--						
OJT		4x1		4	--	--	100		--	
RP		--								
Total Credit:-				20	320	80	500	128	32	160

DSC: Discipline/Department Specific Courses

DSE: Discipline Specific Elective Courses

OJT: On Job Training

RM: Research Methodology

NEP 2020 Semester Pattern Scheme of Examination for M.A. in Political Science

MA Part I – Semester 1 Major (DSC) and minor

			Examination		Internal Assessment		Total	
			Marks	Credits	Marks	Credits	Marks	Credits
Major (DSC) Paper I (PS-01)	Modern Indian Political Thought	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
Major (DSC) Paper II (PS-02)	Politics of Maharashtra	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
Major (DSC) Paper III (PS-03)	Comparative Politics	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
Major Elective (DSC) Paper IV (PS-04)	Public Administration	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
	Ancient & Mediaeval Indian Political Thought	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
	Local Self Government	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
	Feminist Political Theory	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
	Human Rights	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
Political Ideology	Full Marks	80	3	20	1	100	4	
	Pass Marks	32	1	8	0.5	40	2	
Minor Paper IV (PS-05)	Research Methodology	Full Marks	80	3	20	1	100	4
		Pass Marks	32	1	8	0.5	40	2
TOTAL		Full Marks	400	15	100	5	500	20
		Pass Marks	160	5	40	2.5	200	8

MA Part I - Semester 2

			Marks	Credits	Marks	Credits	Marks	Credits	
Major (DSC) Paper I (PS-06)	International Relations	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
Major (DSC) Paper II (PS-07)	Western Political Thought	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
Major (DSC) Paper III (PS-08)	Political Sociology	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
Major Elective (DSC) Paper IV (PS-09)	International Law	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	Political Anthropology	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	India's Foreign Policy	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	Theory & Practice of Diplomacy	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	State Politics in India	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	Public Policy in India	Full Marks	80	3	20	1	100	4	
		Pass Marks	32	1	8	0.5	40	2	
	OJT.	Field Work Project	Full Marks	----	---	100	04	100	04
			Pass Marks	----	----	50	02	20	02
	RP		Full Marks	---	---	---	--	--	--
			Pass Marks	---	---	---	--	--	--
TOTAL		Full Marks	400	12	230	08	500	20	
		Pass Marks	128	04	82	04	180	10	

Gondwana University, Gadchiroli

Master of Arts (NEP 2020)

M.A History

Examination Scheme

SEMESTER – I

	Major Papers	Examinations Scheme		Internal Assessment Marks	Total	
		Marks	Credits		Marks	Credits
Major (DSC) Paper – I (Mandatory)	Histography	Full Marks	04	20	100	04
		Pass Marks		08		
Major (DSC) Paper – II (Mandatory)	India Under Company's Rule: 1757 – 1856	Full Marks	04	20	100	04
		Pass Marks		08		
Major (DSC) Paper – III (Mandatory)	Modern World 1914 – 1950	Full Marks	04	20	100	04
		Pass Marks		08		
	Indian National Movement 1905 – 1947	Full Marks	04	20	100	04
		Pass Marks		08		
	India Under the Mughals	Full Marks	04	20	100	04
		Pass Marks		08		
Major (DSE) Elective Paper – IV	India Under the Sultanate Period	Full Marks	04	20	100	04
		Pass Marks		08		
	History of India up to 300 B.C	Full Marks	04	20	100	04
		Pass Marks		08		
	History of Art and Architecture in India: Ancient Period	Full Marks	04	20	100	04
		Pass Marks		08		
	Socio-Religious Movement in Maharashtra 1200 to 1700 AD	Full Marks	04	20	100	04
		Pass Marks		08		
Minor (RM) Paper – V	Research Methodology in History	Full Marks	04	20	100	04
		Pass Marks		08		
Total		Full Marks	20	100	500	20
		Pass Marks	160	40	200	

Gondwana University, Gadchiroli

Master of Arts (NEP 2020)

M.A History

Examination Scheme

SEMESTER – II

	Major Papers	Examinations Scheme		Internal Assessment .	Total	
		Marks	Credits		Marks	Credits
Major (DSC) Paper – I (Mandatory)	Trends and Theories in History	Full Marks	04	20	04	100
		Pass Marks		08		40
Major (DSC) Paper – II (Mandatory)	India Under British Rule : 1857-1905	Full Marks	04	20	04	100
		Pass Marks		08		40
Major (DSC) Paper – III(Mandatory)	Contemporary World :1950-2000	Full Marks	04	20	04	100
		Pass Marks		08		40
	Independent India: 1947-2000	Full Marks	04	20	04	100
		Pass Marks		08		40
	State, Society and Culture of India 300 B.C.-500 A.D.	Full Marks	04	20	04	100
		Pass Marks		08		40
Major (DSE) Elective Paper – IV	Society Economy and Culture Under the Sultans	Full Marks	04	20	04	100
		Pass Marks		08		40
	Society Economy and Culture Under the Mughals	Full Marks	04	20	04	100
		Pass Marks		08		40
	History of Art and Architecture in India: Medieval Period	Full Marks	04	20	04	100
		Pass Marks		08		40
	Nineteenth Century Maharashtra	Full Marks	04	20	04	100
		Pass Marks		08		40
Minor (OJT) / Field Work – V		Full Marks	04	20	04	100
		Pass Marks		08		40
Total		Full Marks	20	100	20	500
		Pass Marks		40		200

Gondwana University, Gadchiroli
Master of Arts (NEP 2020)
M. A. Geography

SEMESTER I

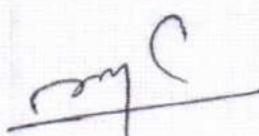
Paper code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme						
			Theory / Practical	Credit	Max Marks		Total Marks	Min. Passing Marks	
		External Marks (Univ)			Practical / Internal Marks	External TH Marks		Practical / Internal Marks	Total
PGGEO01	Paper I - History of Geographical Thoughts	4	4	80	20	100	32	8	40
PGGEO02	Paper II- Marine Geography	4	4	80	20	100	32	8	40
PGGEO03	Paper III- Climatic Map and Diagram (Practical I)	8	4	0	100	100	0	40	40
PGGEO04	Paper IV- Research Methodology	4	4	80	20	100	32	8	40
Elective Papers									
PGGEO05	Paper I- Rural Settlement	4	4	80	20	100	32	8	40
	Paper - II Geography of Climate Change								
	Paper III - Geography of Soil & Water Resources								
	Paper IV- Geography of Tourism								
	Paper V - Population Geography								
Total		24	20	320	180	500	128	72	200

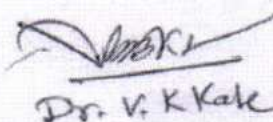
SEMESTER II

Paper code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme						
			Theory / Practical	Credit	Max Marks		Total Marks	Min. Passing Marks	
		External Marks (Univ)			Practical / Internal Marks	External TH Marks		Practical / Internal Marks	Total
PGGEO06	Paper I - Applied Geomorphology	4	4	80	20	100	32	8	40
PGGEO07	Paper II- Remote Sensing and GIS	4	4	80	20	100	32	8	40
PGGEO08	Paper III- Practical II -	8	4	00	100	100	40	00	40
PGGEO09	Paper IV- On Job Training (OJT)	8	4	00	100	100	40	00	40
Elective Papers									
PGGEO10	Paper I- Geography of Resources	4	4	80	20	100	32	8	40
	Paper - II Medical Geography								
	Paper III - Bio-Geography								
	Paper IV- Social Geography								
	Paper V - Urban Geography								
Total		24	20	320	180	500	128	72	200

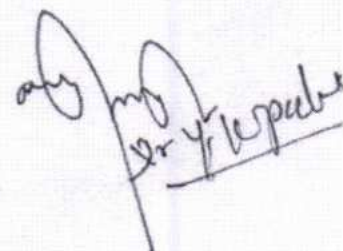
Vakale

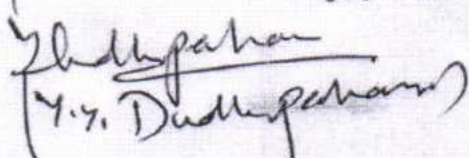
Dr. V. N. Lakhe




Dr. V. K. Kale


Dr. P. M. Wankar


Dr. Y. K. Patil


Y. S. Dudhapuram

Structure and Credit Distribution M.A. Applied Economics Program (NEP - 2020) 2023-24

Year	Level	Semester - II				Teaching & Learning Scheme				Examination Evaluation & Assessment Scheme												
		Sr No	Major	Course Code	Title of Paper	Theory	Practical/ Tutorial	Total	Total Credit	Max Marks	Theory	Duration in Hours	Max Marks	Practical	Internal	Practical	Minimum Passing grade /Letter point	Internal	Practical	Total		
I	5.0	1	Mandatory	APECO2001	Advanced Micro Economics - II	4	-	4	4	80	32	8	40	20	8	40				100		
		2	Mandatory	APECO2002	Advanced Macro Economics - II	4	-	4	4	80	32	8	40	20	8	40				100		
		3	Mandatory	APECO2003	Financial Institution And Markets	4	-	4	4	80	32	8	40	20	8	40				100		
		4	Elective (Any One)	APECO2004		Statistics For Economics - II																
				APECO2005		Monetary Policy In India	4		4	4	80	32	8	40	20	8	40				100	
				APECO2006		Rural Economy And Social Change																
				APECO2007		Human Development																
						APECO2008																
		5	OJT/ FP	APECO2009	On Job Training: Internship/ Apprenticeship or FP: Field projects	0	2*	4	4	0	0	0	0	80	20	32	8	40	20	40	100	
						Total	16	2	20	20	320	80	4	80	20	4	80	20	4	80	20	500

*Contact Hours (average per week) of the teacher for supervision and guidance in case of Field Project

Student expected to spend (average per week) for Field work (Project)

Gondwana University, Gadchiroli
Master of Arts (NEP 2020)
M.A. Ambedkar Thought
Examination Scheme
SEMESTER-I

Paper Code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme						
			Credit	Max. Marks		Total Marks	Min. Passing Marks		Total
				University Assessment	Practical/ College Assessment		UA+CA Theory (Marks)	Practical/Internal Marks	
PGATCT1	Paper I - Pre- Ambedkarite Social and Cultural Movement	4	4	80	20	100	32+8	Nil	40
PGATCT2	Paper II - Social Thought of Dr. Ambedkar	4	4	80	20	100	32+8	Nil	40
PGATCT3	Paper III - Political Thought of Dr. Ambedkar	4	4	80	20	100	32+8	Nil	40
PGATCT4	(Minor) Paper IV - Research Methodology	4	4	80	20	100	32+8	Nil	40
	Elective Paper (Any One)								
	I- Constitutionalism and Indian Constitution								
	II- Introduction to Buddhism								
	III- Annihilation of Caste								
	IV- Introduction to Constitution of India	4	4	80	20	100	32+8	Nil	40
	V- Development of Constitution of India								
	Total	20	20	400	100	500	200	Nil	200

Gondwana University, Gadchiroli
Master of Arts (NEP 2020)
M.A. Ambedkar Thought
Examination Scheme
SEMESTER-II

Paper Code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme						
			Credit	University Assessment	Practical/ College Assessment	Total Marks	UA+ CA Theory (Marks)	Practical/ Internal Marks	Total
PGATCT6	Paper VI - Ambedkarite Literature	4	4	80	20	100	32+8	Nil	40
PGATCT7	Paper VII - Educational Thought of Dr. Ambedkar	4	4	80	20	100	32+8	Nil	40
PGATCT8	Paper VIII- Religious Thought of Dr. Ambedkar	4	4	80	20	100	32+8	Nil	40
PGATCT9	(Minor) Paper IX - 1. OJT	4	4	50	50	100	20	20	40
	Elective Paper (Any One)								
	I- Dr. Ambedkar's Thought on Democracy								
	II- Dalit Autobiography								
	III- Ambedkarite Journalism								
	IV- Dalit Poetry								
	V- Women in Ambedkarite Movement								
PGATCT10		4	4	80	20	100	32+8	Nil	40
	Total	20	20	370	130	500	180	20	200

Gondwana University, Gadchiroli
Master of Arts (NEP 2020)
M.A. Home Economics
Examination Scheme
SEMESTER- I

Paper Code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme							
			Theory / Practical	Credit	Max Marks		Total Marks	Min. Passing Marks		
					University Assessment	Practical / College Assessment		UA+CA (Theory) Marks	Practical / Internal (Mark)	Total
PGHEC T1	Paper I - Resource Management	4	4	80	20	100	32+08	-	40	
PGHEC T2	Paper II - Human Development	4	4	80	20	100	32+08	-	40	
PGHEC T3 (P-I)	Paper III - Textile & Clothing	4+2 = 6	4	60	25/15	100	24+06	10	40	
PGHEC T4	Paper IV - Research Method	4	4	80	20	100	32+08	-	40	
	Elective Paper (Any one)									
PGHEC T5	I - Family Dynamics	4	4	80	20	100	32+08	-	40	
	II - Early Childhood Care & Education									
	III - Fashion Designing									
	IV - Traditional Indian Costume									
	V - Project									
	Total	22	20	380	120	500	190	10	200	

SEMESTER- II

Paper Code	Major Papers	Teaching Scheme (Hrs/Week)	Examination Scheme							
			Theory / Practical	Credit	Max Marks		Total Marks	Min. Passing Marks		
					University Assessment	Practical / College Assessment		UA+CA (Theory) Marks	Practical / Internal (Mark)	Total
PGHEC T6	Paper I - Consumer Education	4	4	80	20	100	32+08	-	40	
PGHEC T7	Paper II - Extension Education	4	4	80	20	100	32+08	-	40	
PGHEC T8 (P-II)	Paper III - Diet Therapy	4+2=6	4	60	25/15	100	24+06	10	40	
PGHEC T9	Paper IV - OJT	4	4	50	50	100	20	20	40	
	Elective Papers (Any one)									
PGHEC T10	I - Statistics	4	4	80	20	100	32+08		40	
	II - Banking Sector									
	III - Food & Nutrition									
	IV - Community Development									
	V - Housing and Interior									
Total	22	20	20	320	150	500	190	30	200	

Annexure-III
DETAILS OF 'ON JOB TRAINING/FIFLD PROJECT/INTERNSHIP AND RESEARCH PROJECT
[A] GUIDELINES FOR 'ON JOB TRAINING/FIELD PROJECT/INTERNSHIP

1. Learning Outcomes

co1	Student will be able to explain the profile of the institute/company/industry where the OJT/Internship has been carried out. OR Student will be able to describe the need for objective of undertaking the field project.
co2	The student will be able to assess its Strengths, Weaknesses, Opportunities and Challenges (SWOC). OR Student will be able to list the outcomes of the Field Project.
co3	Student will be able determine the challenges and future potential of OJT/Internship. OR Student will be able to describe the profile of respondents / community involved in the 'Field Project'
co4	Student will be able to correlate theoretical classroom learning and its application in practical situations by accomplishing the tasks undertaken during OJT/ Internship/FP
co5	Student will be able to apply various soft skills such as time management, positive attitude, and communication skills, scientific temperament during OJT/ Internship/ FP
co6	Student will be able to suggest improvements in processes / systems based on his experiences during OJT/ Internship/FP.

2. Every student admitted to M.A. Second Semester is compulsorily required to undergo this course bearing 4 credits.

3. During second semester, all students will have to undergo OJT/Internship/FP of 120 Hours.

4. Each student will be required to submit a detailed report to the Department/College/Institute for the work undertaken during this period **within 7 days of completion of the training** following which the evaluation and assessment for OJT/Internship/FP will be done by the college/institute concerned. The Report submitted must be according to the Learning outcomes and in tune with the rubric for evaluation.

5. College/Institute is required to assign Supervisor/Mentor to students for OJT/Intership/FP who will guide the student in attaining the outcomes of this course.

6. It is desirable to appoint an external examiner from the company/organization where a student has completed his OJT/Internship/FP. However, the Principal/HOD may appoint any other industry professional or subject expert as an external examiner. The remuneration (Rs.200/- per student for internal and external examiner each), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.

7. The Internal Examiner and External Examiner shall jointly evaluate the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.

8. The College/Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.

A-1] EVALUTION REPORT OF OJT/INTERNSHIP/FP

M.A. (Major Subject) Examination, _____

Name of Student: _____

OJT/SLP Title: _____

Roll No. _____

Max. Marks: 100

CRITERION	Parameters	Score
Continuous Internal Evaluation	Regularity, punctuality, sincerity, scientific temperament and feedback from the Organization where OJT/Internship/FP has been carried out	___ out of 50
Organization Profile	Basic information about the organization where the OJT/Internship/FP/ has been carried out	___ out of 10
SWOC analysis	SWOC analysis, key challenges & opportunities, Goals and objectives of the OJT/Internship/FP	___ out of 10
Application of theoretical knowledge and Conclusions	Details of the work done, experiments carried out, new techniques learnt, hands on training gained etc. Specific Conclusions based on empirical evidences. Recommendations based on practical feasibility	___ out of 10
Report on OJT/Internship/FP	One copy of spiral bound report duly signed by the Mentor and HOD to be submitted to the College/Institute/Department	___ out of 10
Presentation	A power point presentation based on work carried out and viva voce by external examiner.	___ out of 10
Total Marks Scored out of 100		
Name and Signature of Internal Examiner		Name and Signature of External Examiner

[B] GUIDELINES FOR RESEARCH PROJECT

1. Learning Outcomes:

On completion of the research project, the learner will be able to-	
co1	Formulate a research problem statement under a given state of conditions
co2	Carry out Review of Literature in the context of defined research problem and identify research gap
co3	Develop Constructs, design data collection instruments and collect data using appropriate sampling technique and/ or experiments
co4	Analyse data to arrive at meaningful findings and conclusions using appropriate statistical tools with reference to defined research problem
co5	Write a project report explaining research problems, hypotheses (if any), data collection, analysis of data, findings, conclusions, and future scope
co6	Defend the research design, methods, and findings in the Open Defence Examination

Note:-This table gives generic Cos. Cos may vary with reference to the requirement of a program (course)

2. The research project is a compulsory course carrying 10 credits (3rd Semester-4 Credits and 4th Semester-6 Credit) to become eligible for award of degree of Master of Arts under this scheme of examination.

3. College/Institute is required to assign Supervisor to students for Research Project who will guide the students in attaining the outcomes of this course. One such supervisor can supervise maximum 20 students in a session.

4. A supervisor shall be a full-time teacher working with the college/institute concerned. However, in case of non- availability of adequate number of full-time teachers, an ad-hoc or CHB teacher can be appointed as a supervisor. In certain cases, an industry professional or subject expert can also be appointed as a supervisor by the Principal of college/HOD of the Department. Supervisors shall not claim any additional remuneration/honorarium for guiding students.

5. Guidelines for Research Project:

a. Objective:- Every student will be assigned a project in 3rd and 4th Semesters and it will be pursued by him/her under the supervision of an internal supervisor. The objective of the Project Work is to help the student develop his/her ability to apply multidisciplinary concepts, tools and techniques to solve organizational and/or to evolve new/innovative theoretical frame work.

b. Types of Project: The Project may take any one of the following forms (not limited to these):

1. Research project
2. Review project
3. Field study

c. Submission of the Research Project Report: Every Student shall submit a Hard Copy of the Research Project Report duly sign by the student and supervisor to the college/institute. Following documents are required to be submitted with the Research Project Report:

i. A certificate from the Supervisor to the effect that the candidate has satisfactorily completed the Project work for not less than one session and that the Project work is the result of the candidates own work and is of sufficiently high standard to warrant its presentation for examination

ii. A declaration by the candidate that the Project is the result of his/ her own research work and the same has not been previously submitted to any examination of this University or any other University. The Project shall be liable to be rejected and / or cancelled of found other wise.

iii. A certificate obtained through anti-plagiarism software stating that the original content of the project work report is more than 70% must be attached at the beginning of the candidate has not copied/ plagiarized the contents of project report and that the supervisor has ensured the originality & authenticity of data/contents incorporated in the project report.

d. General Format of the Report: The project report should preferably be written in the following format (The format may vary depending on the nature of research topic):

i. Introduction

ii. Literature survey

iii. Aim and objective(s)

iv. Materials and Method (Experimental)

v. Results and Discussion

vi. Conclusion

vii. Future scope

viii. References/Bibliography

6. The College / Institute shall schedule the project presentation by the students during semester end examination. The presentation shall be evaluated by the supervisor/mentor assigned to a student (as an internal examiner) and an external examiner appointed by the college/institute.

7. The External Examiner for evaluation of Research Project Report shall be appointed by the University through its established rules and procedures. The remuneration (Rs. 200 per student for Internal and External Examiners), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.

8. The Internal Examiner and External Examiner shall jointly evaluation the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.

9. The College / Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.

Semester-Master of Arts (M.A.) (OBE-NEP) Summer-20
EVALUATION REPORT OF PROJECT REPORT & VIVA VOCE OF 100 MARKS/200
MARKS

Roll No.	Name of Student	Evaluation parameters (Sem-3/Sem-4)						Total Marks Obtained (Sem-3:100 marks/Sem-4:200 marks)
		Continuous Internal Evaluation (50/100)	Introduction and Literature survey (10/20)	Aim and objective (s) (5/10)	Materials and Method (10/20)	Results and Discussion (15/30)	Presentation and viva voce(10/20)	

Name & Signature of External Examiner

Name & Signature of Internal Examiner

Direction of NEP - 2020 Implementation of M.SC. (ALL)



Gondwana University, Gadchiroli
DIRECTION NO 33 of 2023

ADMISSIONS AND EXAMINATION LEADING TO THE DEGREE OF MASTER OF SCIENCE (AS PER NEP 2020) EXAMINATION UNDER FACULTY OF SCIENCE AND TECHNOLOGY, DIRECTION, 2023.

Whereas, The Maharashtra Public Universities Act, 2016 (VI of 2017) has come into force from 1st March 2017;

AND

Whereas, Gondwana University (hereinafter "the University") is now being governed by The Maharashtra Public Universities Act, 2016 (VI of 2017) (hereinafter the Act);

AND

Whereas, in the meetings of all Boards of Studies under the Faculty of Science and Technology it is resolved to restructure all the post graduate programmes of the faculty in tune with National Education Policy 2020, and decided to adopt curriculum as per State Government Higher and Technical Education Department Government resolution No.एनईपी-२०२२/प्र क्र.०९/विशि-३ शिकाना मंत्रालय, मुंबई ४०००३२, दिनांक १६ मे, २०२३ including the change in the nomenclature of the programmes. All the Boards of Studies have submitted the draft scheme of examinations, syllabus and other details of these programmes including On Job Training (OJT)/ Field Project (FP), Research Methodology (RM) and Research Projects (RP) to be introduced in the various Semester of the restructured programmes;

AND

Whereas, the draft scheme of examinations, syllabus and other details of these programmes prepared and approved by the respective Board of Studies of the Faculty of Science and Technology in its meeting dated 3 May, 2023 on behalf of the Faculty and Academic Council, The Vice Chancellor has accepted the draft submitted by the Board of Studies of the Faculty of Science and Technology.

AND

Whereas, the different post graduate programs in the Faculty of Science and Technology (Master of Science) are till date governed through different Ordinances and Directions, in order to bring uniformity in the process of admission, ATKT, Scheme of examination, all the board of studies in these subjects have agreed to have a uniform direction/ordinance governing all the master of science programs in the University

AND

Whereas, as per the National Education Policy 2020 and the gazette of the nomenclature of programmes published by the University Grants Commission in 2014, the

nomenclature and scheme of examination and other details of the erstwhile degrees of Master of Science in Physics, Master of Science in Chemistry, Master of Science in Mathematics, Master of Science in Botany, Master of Science in Zoology, Master of Science in Environment Science, Master of Science in Electronics, Master of Science in Computer Science, Master of Science in Micro-Biology, Master of Science in Bio-Technology, Master of Science in Geology, Master of Science in Bio-Chemistry with the approval of competent authorities of Gondwana University, Gadchiroli.

AND

Whereas, Ordinance is required to be framed for the governance of Admissions and Examinations in any program but it takes time to frame an Ordinance and there is an urgency to bring into effect the changes in the Master of Science Programs;

Now, therefore being satisfied with the nature of emergency, I, Dr. Prashant S. Bokare, Vice-Chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under Section 12(8) of the Maharashtra Public Universities Act, 2016 do hereby issue the following direction:

1. This direction shall be called "DIRECTION GOVERNING THE EXAMINATION LEADING TO THE DEGREE OF MASTER OF SCIENCE (AS PER NEP 2020) EXAMINATION UNDER THE FACULTY OF SCIENCE AND TECHNOLOGY, GONDWANA UNIVERSITY, GADCHIROLI".
2. This Direction shall come into force from the academic session 2023-24.
3. **Interpretation Clause:** In this direction, unless the context requires otherwise the words, phrases and abbreviations used shall have the following meaning:
 - a. "Academic Council" means Academic Council of Gondwana University, Gadchiroli
 - b. "ATKT" means allowed to keep term in higher semester.
 - c. "Board of Studies" means Board of Studies for various subjects of Science in the faculty of Science and Technology in the University.
 - d. "CC" means Core Course
 - e. "CA" means College Assessment which refers to the Internal Assessment done at college/institute level.
 - f. "Competent Authority" (for admission purpose) means an "Authority" established or assigned the duty to regulate admissions in the course by the Government of Maharashtra or an authority constituted by the University, for this purpose.
 - g. "Credit Point"(G) It is the product of grade point and number of credits for a course.
 - h. "Credit" (C) A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
 - i. "Course" means a paper/subject (theory or practical) prescribed for any semester of the programme.

- j. **“Cumulative Grade Point Average (CGPA)”** It is a measure of overall cumulative performance of a student over all semesters (four semesters). The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
 - k. **“DSE”** means Discipline Specific Elective Course
 - l. **“Degree”** means the Post Graduate Degree awarded after successful completion of the programme governed by this Direction.
 - m. **“Fees”** means the fees prescribed by the University/Shikshan Shulka Samiti of Government of Maharashtra, for the Post Graduate Programme under this Direction, from time to time.
 - n. **“Grade Letter”** is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
 - o. **“Grade Point”** It is a numerical weight allotted to each letter grade on a 10-point scale.
 - p. **“Master Programme”** means Master degree programme in science.
 - q. **“MOOC”** means Massive Open Online Course offered by SWAYAM/NPTEL or any other recognized University or Institution or Platform.
 - r. **“SEC”** means Skill Enhancement Course.
 - s. **“Semester Grade Point Average (SGPA)”** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
 - t. **“Student”** means student admitted to Master’s degree programme in Science under this direction.
 - u. **“ODL”** means Online Distance Learning
 - v. **“University”** means Gondwana University, Gadchiroli
4. **Details of eligibility for M.Sc. Semester– I Examination**

Subject to the compliance with the provisions of the Direction and other Ordinances in force from time to time, the following applicants shall be eligible for the admission to Master of Science and Examination thereof.

Applicants who have passed the Examination (as mentioned in table 1) of Gondwana University, Gadchiroli or any statutory University in India or abroad recognized by University Grants Commission (UGC) or any other relevant apex regulatory authority or body of India an Examination recognized as equivalent thereto, are eligible for admission to the M.Sc. Semester – I program for their examination, provided applicant has secured an aggregate of not less than 40% marks at the B.Sc. Examination.

Table 1: M. Sc. Programs

Sr.No	'Major' to be offered	Eligibility for admission to Semester - I	Code
1	Botany	A candidate should have opted Botany as one of the subjects at B.Sc. Examination/B.Sc. (Agriculture) with Botany as one of the subjects.	BOT
2	Biotechnology	A candidate shall be any Life-Science graduate or Agriculture or Veterinary or Fishery Science or Pharmacy or B.Tech./BE Biotechnology or MBBS or BDS graduate.	BIT
3	Biochemistry	A candidate should have opted Biochemistry as one of the subjects at B.Sc. Examination.	BOC
4	Chemistry	A candidate should have opted Chemistry/ Industrial Chemistry as one of the subjects at B.Sc. Examination.	CHE
5	Computer Science	A candidate should have opted Computer Science as one of the optional subjects at B.Sc.or B.Sc. with optional subject as Computer Maintenance/ B.Sc. (Computer Science)/ B.Sc. (Information Technology)/ Bachelor of Computer Application (BCA)/B.Sc. (Data Science) or B.Sc./BE/BTech.	CSC
6	Electronics	A candidate should have opted Electronics as one of the subjects at B.Sc. Examination or B.Sc. Electronics with Computer Maintenance as one subject	ETN
7	Environmental Science	A candidate should have opted Environmental Science as one of the subjects at B.Sc. Examination or B.Sc. (Agriculture Science) having Environmental Science as one subject.	ESC
8	Geology	A candidate should have opted Geology as one of the subjects at B.Sc. Examination.	GEO
9	Mathematics	A candidate should have opted Mathematics as one of the subjects at B.Sc. Examination.	MTH
10	Microbiology	A candidate should have opted Microbiology/ Biotechnology as one of the subjects at B.Sc. Examination.	MCB
11	Physics	A candidate should have opted Physics as one of the subjects at B.Sc. Examination.	PHY
12	Zoology	A candidate should have opted Zoology as one of the subjects at B.Sc. Examination.	ZOO

NOTES:

- Total intake capacity for the program as approved by the university shall remain the same and be divided amongst the 'Major' programs allowed for M. Sc.
- The COLLEGE may offer a particular 'Major' subject depending on the availability of students and teachers.

The COLLEGE is not expected to force any student to opt for a particular subject where a choice is provided in the scheme of examination.

5. Duration of the Program, student progression path and provisions for Multiple Entry and Exit

a. Duration of the M. Sc. Program shall be TWO years with the provision for multiple exit as mentioned here:

- i. A student can exit the program after successful completion of 1st and 2nd semesters having earned requisite number of credits as mentioned in the scheme of examination. Such a student shall be eligible for the award of 'Post Graduate Diploma in Science' with a major by the University.

OR

a student can continue the program in 2nd year in order to become eligible for the award of 'Master of Science' degree with a major subject by the university.

b. Re-entry or Lateral Entry

- i. Students, opting for exits at any level, will have the option to re-enter the programme from where they have left off, in the same or in a different higher education institution will be permissible up to 5 years from the date of admission to PG program.

- ii. Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid credits as deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher Education Institutions and proficiency test records.

Table 2: Eligibility for Award of PG Diploma/Degree

Semester Completion	No. of Minimum Credits Required	Additional Credit Requirement	Eligible For
I and II	40	Nil	Post Graduate Diploma in Science with Major
III and IV	80	Nil	Master of Science Degree with Major

6. Selection of 'Major' Subject

A student admitted to this program is required to select any one of the subjects/programs (Refer Table 1) as 'Major' subject to the availability of a particular subject in a particular college and is required to undergo and successfully complete the 'Core' and 'Elective' courses as mentioned in the scheme of examination of the selected 'Major' subject.

7. Availability of 'Major' and 'Intake Capacity'

All colleges affiliated to the University for offering **Master of Science (M. Sc.)** Program/s in the Faculty of Science and Technology shall have their intake as approved by Gondwana University, Gadchiroli. The available Major programs for M.Sc. are listed in Table 1 above.

8. All colleges affiliated to the University offering M. Sc. Program are required to put up a list of 'Major' subjects it is offering on the Notice Board as well as on the website of the college to make students aware about the availability of subjects. Moreover, colleges are expected to define and display the 'Standard Operating Procedures' for the college faculty members and students to facilitate the process of selecting 'Major' subjects.

9. In pursuance with the National Education Policy 2020 and a Government Resolution No. NEP-2022/प्र.क्र.09/विशी-3/शिकाना dated 16th May 2023 issued by the Government of Maharashtra, the credit framework for M. Sc.. Program shall be as decided by respective Board of Studies in the Faculty of Science and Technology as **Annexure – I**.

10. Teaching and Examination Scheme

Teaching and Examination Schemes for all available 'Major' subjects for Master of Science (M. Sc.) degree are appended in **Annexure – II**.

11. Evaluation Scheme for OJT/FP/ and RP

A student of M. Sc. Semester – II has to compulsorily undergo 'On Job Training'. Similarly, a student of M. Sc. Semester – III and IV is required to undertake a 'Research Project', Scope of these courses and their detailed evaluation scheme is appended in **Annexure – III**.

12. Grade Conversion Table and Computation of SGPA and CGPA

Table 3: Grade Conversion Table (Theory)

SN	Letter Grade	Grade Point Range	Mark Range (%)	Performance
1	O	9.00 - 10.00	90 - 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	C	5.00 - < 5.50	50 - < 55	Average
7	P	4.00 - < 5.00	40 - < 50	Pass
8	F	Below 4	Below 40	Fail
9	AB	0	-	Absent

Table 4: Grade Conversion Table (Practical)

SN	Letter Grade	Grade Point Range	Mark Range (%)	Performance
1	O	9.00 - 10.00	90 - 100	Outstanding
2	A+	8.00 - < 9.00	80 - < 90	Excellent
3	A	7.00 - < 8.00	70 - < 80	Very Good
4	B+	6.00 - < 7.00	60 - < 70	Good
5	B	5.50 - < 6.00	55 - < 60	Above Average
6	P	5.00 - < 5.50	50 - < 55	Pass
7	F	Below 5	Below 50	Fail
8	AB	0	-	Absent

Note: -When students take audit courses, they may be given pass (P) or fail (F) grade without any credits.

Computation of SGPA & CGPA:

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\text{SGPA (Si)} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where, C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

iii. The SGPA and CGPA shall be rounded off to 2 decimal points

iv. CGPA to Percentage (%) conversion formula:

$$\text{Percentage (\%)} = (\text{CGPA}) * 10$$

13. Credit Specifications:

- a. Theory/Tutorial Courses: One hour/credit/week (a minimum of 15 hours of teaching per credit is required in a semester).
- b. Laboratory/Performance Based Courses: A minimum of 30 hours in laboratory or Performance Based activities is required in a semester. Performance based activities include Studio activities, Workshop based activities, internship, Apprenticeship, Field based learning, community engagement learning, etc.
- c. Each semester will consist of at least 15 weeks of Academic Work equivalent to 90 actual teaching days.

14. Assessment

- The final total assessment of examinees shall be made in terms of Continuous Internal Assessment for 20% component and End Semester Examination (UA) for 80% component for each THEORY course mentioned in the scheme of examination.
- The final total assessment of examinees shall be made in terms of Continuous Internal Assessment (CA) and Semester End Examination (UA) for each PRACTICAL course as mentioned in the scheme of examination.
- 'On Job Training/Internship' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.
- 'Research Project' being a PRACTICAL course shall be assessed as given in the scheme as per the 'Evaluation Rubrics' mentioned in **Annexure – III**.

Table 5: Continuous Internal Assessment

1a	Attendance of the student during a particular semester	05 Marks
1b	An assignment based on curriculum to be assessed by the teacher concerned	05 Marks
1c	Subject wise class test or Performance Based Activities conducted by the teacher concerned	10Marks
1	Continuous Internal Evaluation Total marks (CA)	20

- Expected Performance Based Activities shall consist of the following: (a) Group Discussion (b) Seminars (c) Power Point Presentations (d) Elocution (e) Debate (f) Role Play (g) Case Studies (h) Educational Games. The teacher is expected to undertake a minimum of four of the aforesaid activity.
- The CA marks will be communicated to the University at the end of each semester, but before the semester end examinations / as instructed by the university. These marks will be considered for the declaration of the results. The record of CA marks, evaluation & results should be maintained for a period of three year by the respective institute/college for verification by the competent authority.

15. Attainment of Course Outcomes

a. Continuous Internal Assessment shall be carried out at college/department level in such a way the attainment of prescribed learning outcomes can be measured. The college/department concerned is required to define outcome (4-6) for every course.

b. Semester End Examinations are conducted by the university. The question papers for these examinations are required to be set in such a way that the attainment of prescribed learning outcomes can be measured.

16. Standard of Passing

The scope of the subject, percentage of passing in Theory and Project and Internal Assessment will be governed as per following rules:

- (i) In order to pass the Master of Science (M. Sc.) 1st, 2nd, 3rd and 4th Semester Examinations, an examinee shall obtain not less than 40% (Letter Grade P) marks in each theory course/paper, taking UA & CA together. Whereas, for practical/performance-based examination an examinee shall obtain not less than 50% (Letter Grade P) marks in each practical, taking UA & CA together. Moreover, a student is required to secure not less than 40% marks in aggregate i.e., taking all courses together in order to become eligible for the award of M. Sc. degree.
- (ii) An examinee who is unsuccessful at the examination shall be eligible for admission to the subsequent examinations on payment of a fresh fee prescribed for the examination together with the conditions of the ordinance in force from time to time.
- (iii) The candidates who pass all the semester examinations in the first attempt are eligible for ranks.
- (iv) The results of the candidates who have passed the Semester-IV examination but not passed the lower semester examinations shall be declared as WLS (withheld for not completed lower semester examinations). Such candidates shall be eligible for the Degree only after successful completion of all the lower semester examinations.
- (v) The successful examinees at the M.Sc. semester IV examination shall be awarded division based on CGPA as follows:

Table 6: CGPA Vs Division

CGPA	Division
7.5 and above	1 st division with distinction
6 to 7.49	1 st division
5 to 5.99	2 nd division

- (vi) Provisions of **Ordinance No. 3 of 2007 of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur** relating to the award of Grace Marks for passing and examination, securing higher division / class and for securing distinction in subject(s) shall be applicable till the own Direction/Ordinance of Gondwana University, Gadchiroli in this regard will come into force.
- (vii) University guidelines and directions issued from time to time regarding improvement of Results, Reassessment/Revaluation and Incentive Marks shall be applicable to M.Sc. programs covered under this direction.

17. Rules for ATKT (Allowed to Keep Term):

An unsuccessful examinee at any semester examination shall be **ALLOWED TO KEEP TERM** as per following conditions:

Table 7: ATKT Rules

Admission to Semester	Eligibility for admission and taking University Examination
Semester – I	Candidate should have passed the qualifying examination as per the relevant Direction governing the course.
Semester – II	Candidate should have completed the term of the I st semester and appeared for at least one University Theory examination paper of Semester- I.
Semester – III	Candidate should have completed the term of the II nd semester, filled the examination form of the same and has obtained exemption in 50 percentage passing heads of the I st and II nd semesters taken together.
Semester – IV	Candidate should have completed the term of the III rd semester and appeared for at least one University Theory examination paper of Semester- III.

18. Absorption of students admitted under previous directions

Students admitted to Master of Science in Physics, Master of Science in Chemistry, Master of Science in Mathematics, Master of Science in Botany, Master of Science in Zoology, Master of Science in Environmental Science, Master of Science in Electronics, Master of Science in Computer Science, Master of Science in Micro-Biology, Master of Science in Bio-Technology, Master of Science in Geology, Master of Science in Bio-Chemistry under previous directions/ordinance shall not be absorbed into the scheme of examination under this direction. Hence, the university shall continue to conduct these examinations for THREE years to provide opportunities to failure students of these programs. All failure students after these additional SIX attempts will be required to take admission to 1st year of M. Sc. program as per this direction.

19. Provision for Transfer of Credits

The M.Sc. program offered under this direction provides enhanced academic flexibility to students in terms of selecting the courses they want to learn. A student can opt for any course from any statutory/recognized University or a MOOC from SWAYAM/NPTEL in lieu of a course mentioned in this scheme of examination as 'Elective' course. The mechanism for transfer of credits earned through these courses to be adhered is mentioned here:

1. Every student is mandatorily required to create an ID on Academic Bank of Credits (ABC) and shall submit her/his ID to the college.
2. Any Course mentioned in this scheme of examination under 'Elective' can be opted out by a student for taking a MOOC from SWAYAM/NPTEL learning platform.
3. A student cannot opt out any of the compulsory (Core) courses.
4. If a student is willing to opt out any 'Elective' course, he/she will have to mention this while submitting the examination form to the University for respective semester.
5. A certificate of completion of such an ODL/Online course shall be submitted by the student to the University through college before end term evaluation.
6. Such a certificate shall mandatorily have the number of credits, duration of the course and grades/marks obtained by the student and shall preferably have a QR code for verification.
7. The college shall submit the grades and marks obtained by the student to the University along with Internal Assessment marks for the concerned examination.
8. If a student has opted for an ODL/Online course in a particular semester and failed to submit the certificate within prescribed time, the student will be marked for 'Absent' for a particular course in that examination. Such a student will be required to fill in the examination form in the consecutive attempt and submit the passing certificate in order to get his/her corrected result.
9. A separate guideline 'Transfer of Credits' issued by the University will be applicable to the students of M. Sc. Program from the date of its issuance.

20. Abbreviations Used:

CA: College Assessment UA: University Assessment

OJT: On Job Training (Internship/Apprenticeship), RM: Research Methodology, RP: Research Project

Annexure – I: Credit Structure given by Govt. of Maharashtra as per GR dated 16/05/2023

Annexure – II: Scheme of teaching & examination of all Major programs

Annexure – III: Rubrics and evaluation scheme for performance-based activities i.e., FP/OJT/RP etc.

Date: 08/12/2023

Place: Gadchiroli

(Dr. Prashant S. Bokare)
Vice-Chancellor

Annexure- 2

राज्यामध्ये राष्ट्रीय शैक्षणिक धोरण, २०२० च्या अंमलबजावणीच्या अनुषंगाने गठीत करण्यात आलेल्या सुकाणू समितीच्या शिफारशीनुसार एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी श्रेयांक वितरणासंदर्भातील सुधारित मार्गदर्शक सूचना.

महाराष्ट्र शासन

उच्च व तंत्र शिक्षण विभाग

शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना

मंत्रालय, मुंबई ४०० ०३२,

दिनांक: १६ मे, २०२३

- संदर्भ -**
१. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.१०५/विशि-३, दि.०६.१२.२०२२
 २. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना दिनांक २६.१२.२०२२.
 ३. शासन निर्णय क्रमांक: एनईपी-२०२२/प्र.क्र.०९/विशि-३ शिकाना दिनांक २०.०४.२०२३.
 ४. अध्यक्ष, सुकाणू समिती (नवीन शैक्षणिक धोरण, २०२०) यांचे दि.९.०५.२०२३ चे पत्र

प्रस्तावना-

भारताला ज्ञान महासत्ता बनविण्यासाठी, विद्यार्थ्यांमध्ये आवश्यक कौशल्य व ज्ञानप्राप्ती आणि विज्ञान, तंत्रज्ञान, शिक्षण आणि औद्योगिक क्षेत्रामधील मनुष्यबळाची कमतरता दूर करण्यासाठी, भारतातील लोकसंख्येला गुणवत्तापूर्ण शिक्षण, नाविन्यपूर्ण शिक्षण व संशोधनाच्या सुविधा उपलब्ध करून देण्यासाठी, भारत सरकारने नवीन राष्ट्रीय शैक्षणिक धोरण- २०२० लागू केलेले आहे. नवीन शैक्षणिक धोरणामध्ये सर्वांगीण आणि बहुविद्याशाखीय शिक्षण प्रणालीचा अंतर्भाव करण्यात आला असून ज्याचा उद्देश मानवाच्या सर्व क्षमतांचा नैतिक - एकात्मिक पद्धतीने विकास करणे आहे.

दि.२६.०४.२०२२ च्या शासन निर्णयान्वये गठीत करण्यात आलेल्या डॉ. रविंद्र कुलकर्णी, माजी प्र-कुलगुरु, मुंबई विद्यापीठ, मुंबई यांच्या अध्यक्षतेखालील उपसमितीने सादर केलेल्या अहवालाच्या अनुषंगाने अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भातील निर्देश दि.०६.१२.२०२२ च्या शासन निर्णयान्वये जारी करण्यात आले आहेत.

राष्ट्रीय शैक्षणिक धोरण, २०२० ची राज्यातील अंमलबजावणीच्या अनुषंगाने गठीत उपसमित्यांच्या अहवालातील शिफारशीच्या अंमलबजावणीसंदर्भात आढावा घेऊन येणाऱ्या अडचणी निवारणासाठी उपाययोजना सुचविण्यासाठी व मार्गदर्शन करणेसाठी दि. २६.०१२.२०२२ च्या शासन निर्णयान्वये सुकाणू समिती स्थापन करण्यात आली आहे. सुकाणू समितीने अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भात सादर केलेल्या अंतरिम अहवालावर दि. १९ व २० एप्रिल २०२३

रोजी आयोजित करण्यात आलेल्या चर्चासत्रामध्ये साधकबाधक चर्चा होऊन अभ्यासक्रम व श्रेयांक आराखड्याची राज्यामध्ये एकसमान प्रमाणात अंमलबजावणी होण्यासाठी सुधारित सुचना व निर्देश दिनांक २०.०४.२०२३ च्या शासननिर्णयान्वये जारी करण्यात आले आहेत.

सदर सुकाणू समितीने एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी श्रेयांक वितरणासंदर्भात दिनांक ०९.०५.२०२३ च्या पत्रान्वये शिफारशी केल्या आहेत. सदर शिफारशीची राज्यामध्ये एकसमान प्रमाणात अंमलबजावणी होण्यासाठी तशा सुचना व निर्देश जारी करण्याची बाब शासनाच्या विचाराधीन होती.

शासन निर्णय:-

एक्झिट पर्याय / एक वर्षाच्या पदव्युत्तर अभ्यासक्रमासह २ वर्षांच्या पदव्युत्तर अभ्यासक्रमासाठी, सोबत जोडलेल्या परिशिष्टानुसार अभ्यासक्रम व श्रेयांक आराखड्यासंदर्भात सुधारित निर्देश जारी करण्यात येत असून सदर निर्देशांची वर्ष २०२३-२४ पासून अंमलबजावणी करण्यात यावी.

सदर निर्देश महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ मधील कलम ५ (८१) मधील तरतूदीनुसार निर्गमित करण्यात येत आहेत.

सदर निर्देशांच्या अंमलबजावणीबाबतचा आढावा शासनामार्फत सुकाणू समितीच्या माध्यमातून वेळोवेळी घेण्यात येईल.

सदर शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा सांकेतांक २०२३०५१६१७२२१९५४०८ असा आहे. हा शासन निर्णय डिजीटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

AJIT MADHUKARRAO
BAWISKAR

Digitally signed by AJIT MADHUKARRAO BAWISKAR
DN: c=IN, o=GOVERNMENT OF MAHARASHTRA, ou=HIGHER AND
TECHNICAL EDUCATION DEPARTMENT,
2.5.4.20=9b453609479b4c7f30e7f7b4360c0f6004428594f23986e
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(अजित बाविस्कर)

उप सचिव, महाराष्ट्र शासन

प्रत,

१. मा. राज्यपाल यांचे प्रधान सचिव, राजभवन, मुंबई,
२. मा. मुख्यमंत्री यांचे प्रधान सचिव, मंत्रालय, मुंबई,
३. मा. उपमुख्यमंत्री यांचे उप सचिव, मंत्रालय, मुंबई,
४. मा. मंत्री, उच्च व तंत्र शिक्षण विभाग, यांचे खाजगी सचिव, मंत्रालय, मुंबई,

५. मा. कुलगुरु, सर्व अकृषि विद्यापीठे, अभिमत विद्यापीठे, स्वयं अर्थसहाय्यित विद्यापीठे व समूह विद्यापीठे.
६. कुलसचिव, सर्व अकृषि विद्यापीठे, अभिमत विद्यापीठे, स्वयं अर्थसहाय्यित विद्यापीठे व समूह विद्यापीठे
७. संचालक, उच्च शिक्षण/ तंत्रशिक्षण/ कला/ ग्रंथालय
८. प्रधान सचिव, उच्च व तंत्र शिक्षण विभाग, यांचे स्वीय सहाय्यक, मंत्रालय, मुंबई,
९. उप सचिव (विशि), उच्च व तंत्र शिक्षण विभाग, यांचे स्वीय सहाय्यक, मंत्रालय, मुंबई,
१०. निवडनस्ती (विशि-३).

Structure and Credit Distribution of PG Degree Program

Vide G.R. No. NEP-2022 /CR No. 09/VISHI-3 /शिकाना dated April 20, 2023, the Directive, covering the Credit distribution structure for Four Year UG Honours/ Honours with Research Degree Programme with Multiple Entry and Exit options, was issued. In continuation of Section 8 of this GR- 'Design of PG / Master's Programmes', the illustrative Table depicting the Credit Distribution for Two Year PG Programme with one Exit Option/ One Year PG Programme is as given below:

Illustrative Credit distribution structure for Two Years/ One Year PG (M.A./M.Sc./M.Com.) and Ph. D. Programme

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum. Cr.	Degree
			Mandatory	Electives					
I	6.0	Sem I	12-14 (2*4 +2*2 or 3*4+2)	4	4			20-22	PG Diploma (after 3 Yr Degree)
		Sem II	12-14 (2*4 +2*2 or 3*4+2)	4		4		20-22	
Cum. Cr. For PG Diploma			24-28	8	4	4	-	40-44	
Exit option: PG Diploma (40-44 Credits) after Three Year UG Degree									
II	6.5	Sem III	12-14 (2*4 +2*2 or 3*4+2)	4			4	20-22	PG Degree After 3- Yr UG Or PG Degree after 4- Yr UG
		Sem IV	10-12 (2*4 +2 or 3*4)	4			6	20-22	
Cum. Cr. for 1 Yr PG Degree			22-26	8			10	40-44	
Cum. Cr. for 2 Yr PG Degree			46-54	16	4	4	10	80-88	
2 Years-4 Sem. PG Degree (80-88 credits) after Three Year UG Degree or 1 Year-2 Sem PG Degree (40-44 credits) after Four Year UG Degree									
	8.0		Course Work Min. 12 (3*4)		Training in Teaching / Education/ Pedagogy: 4		16 + Ph. D. Work		Ph.D. in Subject

Abbreviations: Yr.: Year; Sem.: Semester; OJT: On Job Training; Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP; Cumulative Credits: Cum. Cr.

- (a) With effect from Academic Year 2023-24, Two years Master's Degree Program will be revamped as per the Illustrative Credit Distribution given in the above Table.
- (b) Credits offered per Semester will be a Minimum of 20 and a Maximum of 22. While minimum credits are mandatory as per National Credit Framework, the Universities can evolve the mechanism for providing Semester/ Levelwise credit attainment flexibility within the broad framework.
- (c) Under the One-year PG Diploma program, and two-year master's Degree program, the students must complete on-the-job training/internship of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.
- (d) The 4 Credits Research Methodology Component is mandatory in the First Year.
- (e) Since the Master's Programme is based on DSC Specialisation, the PG curricular framework will not include Minor Subject. Electives selected in the PG program may be **Relevant to OR Supportive of** the Major Subject chosen. The Statutory authorities of the University or Autonomous College can take a decision in this regard.
- (f) The students will have to undertake a research project of 4 credits in Semester III and a research project of 6 credits in Semester IV in the second year of the two-year master's degree program. This is also applicable to the students admitted to one year PG program after completion of four year UG Program.
- (g) Colleges already having permission and recognition for the PG degree programme along with UG degree programme in the same Major shall be automatically allowed to continue PG degree programme in the same Major without undergoing any additional procedures. Similarly, the colleges with approved PG programme and Ph.D. Research Centre in the same Major shall be automatically allowed to continue PG and Ph. D. Degree programme without undergoing any additional procedures.
- (h) The exit option at the end of one year of the Master's degree program will commence from AY 2024-25. Students who have joined a two-year Master's degree program may opt for exit at the end of the first year and earn a PG Diploma.
- (i) The PG Diploma may be awarded to a student provided they have earned the requisite credits in one year including on-the-job training of 04 credits during summer break, after completion of the second semester of the first year in the respective Major Subject.

- (j) The one-year Master's Degree Program will begin with effect from Academic Year 2027-28.
- (k) Re-entry to complete the PG degree, after taking the exit option, will be permissible up to 05 years from the date of admission to the PG program.
- (l) With regards to the Eligibility criteria and Procedure for admission to the Ph.D. Programme, Duration of the Ph.D. Programme, Eligibility and Allocation of Research Supervisor, Course Work (Credit requirements, number, duration, syllabus, minimum standards for completion), Research Advisory Committee and its Functions, Academic, research, administrative, and infrastructure requirements to be fulfilled by Colleges for getting recognition for offering Ph.D. Programme, Award of Ph. D. Degree etc, the Universities and Autonomous Colleges must comply UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022, dated Nov. 7, 2022.
- (m) The University and Autonomous College must adopt this GR within 10 days after its issue.
-

Annexure - II

GONDWANA UNIVERSITY, GADCHIROLI

(According to NEP- 2020)

SYLLABUS

For

M. Sc.

BOTANY

SEMESTER I & II

Under

Choice Based Credit System

(CBCS)

Scheme													
M.Sc.– I Botany – Semester-I													
Subject	Course/ Paper Code	Paper Name	Teaching Scheme			Credits Assigned				% of Assessment			
			Theor y	Pract.	Tut.	Theor y	Prac t.	Tut .	Total	CA	UA	Total	Min. Passing Marks
Core	01MSCB 1	General Microbiology, Phycology and Mycology	4	-	-	3	-	-	3	20	80	100	40
	01MSCB 2	Bryophytes & Pteridophytes	4	-	-	3	-	-	3	20	80	100	40
	01MSCB 3	Gymnosperm & Paleobotany	4	-	-	3	-	-	3	20	80	100	40
Elective PGMSCB 4 (Student Shall select any one from the elective group)	01MSCB 4.1	Molecular Biology and Plant Biotechnology-I	4	-	-	3	-	-	3	20	80	100	40
	01MSCB 4.2	Reproductive Biology of Angiosperms-I											
	01MSCB 4.3	Paleobotany-I											
	01MSCB 4.4	AdvancePhycology-I											
	01MSCB 4.5	Mycology and Plant Pathology -I											
RM	01MSCB 5	ResearchMethodology	5	-	-	4	0	-	4	20	80	100	40
Practical-I	01MSCB 6	Based on 01MSCB 1 & 01MSCB 2	-	5	-	-	2	-	2	25	75	100	50
Practical-II	01MSCB 7	Based on 01MSCB 3 & 01MSCB 4	-	5	-	-	2	-	2	25	75	100	50
Total			19	10	-	16	4	-	20	150	550	700	300

M.Sc.- I Botany – Semester-II

Subject	Course/Paper Code	Paper Name	Teaching Scheme			Credits Assigned				% of Assessment			
			Theory	Pract.	Tut.	Theory	Pract.	Tut.	Total	CA	UA	Total	Min. Passing Marks
(Major) Mandatory	02MSCB 1	Plant Physiology	4	-	-	3	-	-	3	20	80	100	40
	02MSCB 2	Plant Development & Embryology	4	-	-	3	-	-	3	20	80	100	40
	02MSCB 3	Angiosperm-I	4	-	-	3	-	-	3	20	80	100	40
Elective 02MSCB 4 (Student Shall select any one from the elective group)	02MSCB 4.1	Molecular Biology and Plant Biotechnology-II	4	-	-	3	-	-	3	20	80	100	40
	02MSCB 4.2	Reproductive Biology of Angiosperms-II											
	02MSCB 4.3	Paleobotany-II											
	02MSCB 4.4	Advance Phycology- II											
	02MSCB 4.5	Mycology and Plant Pathology -II											
OJT/FP	02MSCB 5	On Job Training	-	5	-	-	4	-	4	20	80	100	40
Practical-I	02MSCB 6	Based on 02MSCB 1 & 02MSCB 2	-	4	-	-	2	-	2	25	75	100	50
Practical-II	02MSCB 7	Based on 02MSCB 3 & 02MSCB 4	-	4	-	-	2	-	2	25	75	100	50
Total			16	13	-	12	8	-	20	150	550	700	300

Note: As per GR, there is no mention of Ability Enhancement Course in the skeleton of PG syllabus for NEP20.

**Teaching and Examination Scheme
M.Sc. Semester I
Master of Science
(Biotechnology)**

Gondwana University, Gadchiroli						
Faculty Name : Science and Technology			Name P.G.: BIOTECHNOLOGY			
Two Years Regular Post Graduate Program						
SEM – I						
Major (Mandatory)	Credit	Elective	Credit	Research Methodology	Credit	Total Credit
1. Cell Biology , Paper - I Theory = 03 Credit Theory = 100 (80 + 20)	(3x3) 9	1. Molecular Biology , Paper - IV Theory = 03 credit Theory = 75 (80 + 20)	3	1 Research Methodology	3	20
2. Microbiology , Paper - II Theory = 03 credit Theory = 100 (80 + 20)		2. Advanced Environmental Biotechnology , Paper - IV Theory = 03 credit Theory = 100 (80 + 20)				
3. Biophysical Techniques – Paper - I Theory = 03 credit Theory = 100 (80 + 20)		3. Environmental Microbiology & Waste Management , Paper - IV Theory = 03 credit Theory = 100 (80 + 20)				
		4. Microbial Technology , Paper - IV Theory = 03 Practical = 01 Theory = 100 (80 + 20)				
		5. Virology , Paper - IV Theory = 03 credit Theory = 100 (80 + 20)				
		Note:- Student shall select any one from above group		Practical Seminar	1	

**Scheme of teaching and examination under semester pattern for M.Sc.
Program in Biotechnology (M.Sc. Semester I Biotechnology)**

**MARKING SCHEME
Semester I**

Code	Theory / Practical	Teaching Scheme					Credit	Examination Scheme					
		Theory		Practical		Total		Duration in hrs.	Max. Marks		Total	Minimum Marks	
		UA	CA	UA	CA				External	Internal		Theory	Practical
Major - 01MSCBT01	Theory	80	20	LAB-1	25	300	3	3	80	20	100	40	40
Major - 01MSCBT02	Theory	80	20	75			3	3	80	20	100	40	40
Major - 01MSCBT03	Theory	80	20	LAB-2	25	300	3	3	80	20	100	40	40
Elective – 01MSCBT04	Theory	80	20	75			3	3	80	20	100	40	40
Minor - 01MSCBT09	Theory	80	20	-	-	100	3	3	80	20	100	40	40
SEMINAR	-	-	50			50	1	-	-	50	50	-	-
TOTAL		400	150	150	50	750	20						

SCHOOL OF DISTANCE EDUCATION

GONDWANA UNIVERSITY, GADCHIROLI



Syllabus

for

Master of Science (M.Sc.) Chemistry

Based on NEP – 2020

(with effect from 2023-24)

Board of Studies in Chemistry

Faculty: Science and Technology

GONDWANA UNIVERSITY, GADCHIROLI
M.Sc.-I Semester I, II (Chemistry)
(NEP 2020, Effective from 2023-24)

M.Sc. (Chemistry)

Scheme of Teaching and Examination for M.Sc. (Chemistry)									
M.Sc. (Chemistry) Semester – I									
	Subjects	L	T	P	Total Credits	UA	CA	Min	Total
Major	01MSCCH01 Paper I (Inorganic Chemistry)	3	--	--	3	80	20	40	100
	01MSCCH02 Paper II (Organic Chemistry)	3	--	--	3	80	20	40	100
	01MSCCH03 Paper III (Physical Chemistry)	3	--	--	3	80	20	40	100
Major Elective	01MSCCH04 Paper IV (Analytical Chemistry) or	3	--	--	3	80	20	40	100
	01MSCCH05 Paper IV (Ind. Chem. & Env.) or	3	--	--	3	80	20	40	100
	01MSCCH06 Paper IV (Green Chemistry) or	3	--	--	3	80	20	40	100
	01MSCCH07 Paper IV (Hetcyc. & Nat. Prod.) or	3	--	--	3	80	20	40	100
	01MSCCH08 Paper IV (Pharm. & Cosm. Chemistry)	3	--	--	3	80	20	40	100
Practical	01MSCCHL1 Practical I (Based on Paper I & II)	--	--	4	2	75	25	50	100
	01MSCCHL2 Practical II (Based on Paper III & IV)	--	--	4	2	75	25	50	100
RM	01MSCCH09 Paper V (Research Methodology)	3			3	80	20	40	100
	01MSCCHSI Seminar I	1			1	-	50		50
	Total	16		8	20				750

Scheme of Teaching and Examination for M.Sc. (Chemistry)									
M.Sc. (Chemistry) Semester – II		L	T	P	Total Credits	UA	CA	Min	Total
Major	02MSCCH01 Paper I (Inorganic Chemistry)	3	--	--	3	80	20	40	100
	02MSCCH02 Paper II (Organic Chemistry)	3	--	--	3	80	20	40	100
	02MSCCH03 Paper III (Physical Chemistry)	3	--	--	3	80	20	40	100
Major Elective	02MSCCH04 Paper IV (Analytical Chemistry) or	3	--	--	3	80	20	40	100
	02MSCCH05 Paper IV (Inorg. Mat. Of Ind. Imp.) or	3	--	--	3	80	20	40	100
	02MSCCH06 Paper IV (Polymer Chemistry) or	3	--	--	3	80	20	40	100
	02MSCCH07 Paper IV (Mol. Spectroscopy) or	3	--	--	3	80	20	40	100
	02MSCCH08 Paper IV (Front. in Electrochemistry)	3	--	--	3	80	20	40	100
Practical	02MSCCHL3 Practical III	--	--	4	2	75	25	50	100
	02MSCCHL4 Practical IV	--	--	4	2	75	25	50	100
	02MSCCH09 Paper V (OJT/FP)	3			3	80	20	40	100
	02MSCCHS2 Seminar II	1			1	-	50		50
Total		16		8	20				750

Syllabus
of
M.Sc. – I
(Computer Science)
(Sem – I)

Scheme

M.Sc. – I Computer Science – Semester-I

Subject	Course/ Paper Code	Paper Name	Teaching Scheme			Credits Assigned			% of Assessment				
			Theory	Prac.	Tut.	Theory	Prac.	Tut.	Total	IA	UE	Total	Min. Passing Marks
Core	01MSCCS01	Scripting Languages and Information Retrieval	4	-	-	3	-	-	3	20	80	100	40
	01MSCCS02	Python Programming	4	-	-	3	-	-	3	20	80	100	40
	01MSCCS03	Advanced Java	4	-	-	3	-	-	3	20	80	100	40
Elective PGMSCC04 (Student Shall select any one from the elective group)	01MSCCS04.1	Cloud Computing	4	-	-	3	-	-	3	20	80	100	40
	01MSCCS04.2	Discrete Mathematics											
	01MSCCS04.3	Theory of Computation & System Programming											
	01MSCCS04.4	Network Security											
	01MSCCS04.5	Computer Graphics											
RM	01MSCCS05	Research Methodology & Publication Ethics	4	-	-	3	-	-	3	20	80	100	40
LAB - I	01MSCCS06	Based on 01MSCCS01 & 01MSCCS02	-	4	-	-	2	-	2	25	75	100	50
LAB - II	01MSCCS07	Based on 01MSCCS03 & 01MSCCS04	-	4	-	-	2	-	2	25	75	100	50
Ability Enhancement	01MSCCS08	Seminar	-	1	-	-	1	-	1	50	-	50	20
Total			20	9	-	15	5	-	20	200	550	750	320

M.Sc. – I Computer Science – Semester-II

Subject	Course/ Paper Code	Paper Name	Teaching Scheme			Credits Assigned				% of Assessment			
			Theory	Prac.	Tut.	Theory	Prac.	Tut.	Total	IA	UA	Total	Min. Passing Marks
(Major) Mandatory	02MSCCS01	Web Designing using ASP.Net	4	-	-	3	-	-	3	20	80	100	40
	02MSCCS02	Data Warehouse and SQL	4	-	-	3	-	-	3	20	80	100	40
	02MSCCS03	Android Application Development	4	-	-	3	-	-	3	20	80	100	40
Elective 02MSCCS04 (Student Shall select any one from the elective group)	02MSCCS04.1	Cyber Security & IPR	4	-	-	3	-	-	3	20	80	100	40
	02MSCCS04.2	Soft Skills											
	02MSCCS04.3	Digital and Cyber Forensics											
	02MSCCS04.4	Operation Research											
	02MSCCS04.5	Data Visualization											
OJT	02MSCCS05	On Job Training	4	-	-	3	-	-	3	25	75	100	50
LAB - I	02MSCCS06	Based on 02MSCCS01 & 02MSCCS02	-	4	-	-	2	-	2	25	75	100	50
LAB - II	02MSCCS07	Based on 02MSCCS03 & 02MSCCS04	-	4	-	-	2	-	2	25	75	100	50
Ability Enhancement	02MSCCS08	Seminar	-	1	-	-	1	-	1	50	-	50	20
Total			20	9	-	15	5	-	20	205	545	750	330

Gondwana University, Gadchiroli



Syllabus

for

Master of Science (M. Sc.) Electronics

Based on NEP – 2020

(With effect from 2023-24)

Board of Studies in Electronics

Faulty: Science and Technology

Scheme

M.Sc. – I Electronics – Semester-I

(2 Year P.G. Honors)

Subject	Course/ PaperCode	PaperName	Teaching Scheme Hrs/Week			Credits Assigned			%ofAssessment				
			Theory	Prac.	Tut.	Theory	Prac.	Tut.	Total	IA	UE	Total	Min. Passing Marks
Core (DSC)	PSCELT101	DSC 1 Semiconductor Devices and Electronic Circuits	4	-	-	3	-	-	3	20	80	100	40
	PSCELT102	DSC 2 Analog and Digital System	4	-	-	3	-	-	3	20	80	100	40
	PSCELT103	DSC 3 Advanced Microprocessors	4	-	-	3	-	-	3	20	80	100	40
Elective (DSE) (Student Shall select any one from the elective group)	PSCELT104	DSE 1 Virtual Instrumentation	4	-	-	3	-	-	3	20	80	100	40
	PSCELT104	DSE 2 Embedded Systems and Applications											
	PSCELT104	DSE 3 Communication Techniques and Networking											
Research Methodology (RM)	PSCELT105	Research Methodology & Publication Ethics	4	-	-	3	-	-	3	20	80	100	40
Lab Course- I	PSCELP101	Lab Course I (Semiconductor devices & Digital System)	-	4	-	-	2	-	2	25	75	100	50
Lab Course - II	PSCELP102	Lab Course II (Microprocessor & Virtual system)	-	4	-	-	2	-	2	25	75	100	50
Ability Enhancement	PSCELS101	Seminar	-	1	-	-	1	-	1	50	-	50	20
Total			20	9	-	15	5	-	20	200	550	750	320

Scheme

M.Sc. – I Electronics – Semester-II

(2 Year P.G. Honors)

Subject	Course/ PaperCode	PaperName	Teaching Scheme Hrs/Week			Credits Assigned			%ofAssessment				
			Theory	Prac.	Tut.	Theory	Prac.	Tut.	Total	IA	UE	Total	Min. Passing Marks
Core (DSC)	PSCELT201	DSC 4 Computer Organization and Interfacing	4	-	-	3	-	-	3	20	80	100	40
	PSCELT202	DSC 5 Microwave and Optical Communication	4	-	-	3	-	-	3	20	80	100	40
	PSCELT203	DSC 6 Fuzzy Logic and Artificial Neural Networks	4	-	-	3	-	-	3	20	80	100	40
Elective (DSE) (Student Shall select any one from the elective group)	PSCELT204	DSE4 Internet of Things											
	PSCELT204	DSE 5 Digital signal Processing	4	-	-	3	-	-	3	20	80	100	40
	PSCELT204	DSE 6 Digital Image Processing											
OJT/FP	PSCELOJT201	On-the-Job Training/Internship/ Field Project	4	-	-	3	-	-	3	20	80	100	40
Lab Course - III	PSCELP201	Lab Course III (Interfacing and Optical Communication)	-	4	-	-	2	-	2	25	75	100	50
Lab Course- IV	PSCELP202	Lab Course IV (IoT and Digital Signal Processing))	-	4	-	-	2	-	2	25	75	100	50
Ability Enhancement	PSCELS201	Seminar	-	1	-	-	1	-	1	50	-	50	20
Total			20	9	-	15	5	-	20	200	550	750	320

GONDWANA UNIVERSITY

GADCHIROLI



National Education Policy 2020

FACULTY OF SCIENCE AND TECHNOLOGY

Syllabus

M.Sc. I Semester I and II

Program: FYPGP

PG Course: Environmental Science

With effect from 2023-2024

**Scheme of teaching and examination under semester pattern NEP2020 for
M.Sc. Program (Semester I&II) in Environmental Science**

SEMESTER I

Major and Elective Paper, Code	Theory / Practical	Teaching Scheme			Credit	Duration in hrs.	Examination Scheme				
		Hours/ week					Max. Marks		Total	Minimum Marks	
		Theory	Practical	Total			External	Internal		Theory	Practical
Major I, PMENVT01	Paper I	4		4	3	4	80	20	100	40	
Major II, PMENVT02	Paper II	4		4	3	4	80	20	100	40	
Major III, PMENVT03	Paper III	4		4	3	4	80	20	100	40	
Elective, PEENVT04 (Paper 1, 2, 3,4 &5)	Paper IV	4		4	3	4	80	20	100	40	
Practical I, PMENVP01	Practical 1		4	4	2	4	75	25	100		50
Practical II, PMENVP02	Practical 2		4	4	2	4	75	25	100		50
Research Methodology, RMENVT05	Paper V	4		4	3	4	80	20	100	40	
Seminar	Theory	--	--	--	1	1	--	50	50	--	--
TOTAL		20	8	28	20	29	550	200	750	200	100

SEMESTER II

Major and elective Paper, Code	Theory / Practical	Teaching Scheme			Credit	Duration in hrs.	Examination Scheme				
		Hours/ week					Max. Marks		Total	Minimum Marks	
		Theory	Practical	Total			External	Internal		Theory	Practical
Major I, PMENVT06	Paper VI	4		4	3	4	80	20	100	40	
Major II, PMENVT07	Paper VII	4		4	3	4	80	20	100	40	
Major III, PMENVT08	Paper VIII	4		4	3	4	80	20	100	40	
Elective, PEENVT09 (Paper 1, 2,3, 4&5)	Paper IX	4		4	3	4	80	20	100	40	
Practical III, PMENVP03	Practical 3	--	4	4	2	4	75	25	100	--	50
Practical IV, PMENVP04	Practical 4	--	4	4	2	4	75	25	100	--	50
OJT/FP (On Job Training, Internship/Apprentices hip/Field Project), OJT, ENVT10	Paper X	4	--	4	3	4	80	20	100	40	--
Seminar	Theory	--	--	--	1	1	--	50	50	--	--
TOTAL		20	8	28	20	29	550	200	750	200	100

Scheme of teaching and examination under semester pattern for M.Sc. Program

MARKING SCHEME													
Semester I													
Code	Theory / Practical	Teaching Scheme					Credit	Examination Scheme					
		Theory		Practical		Total		Duration in hrs.	Max. Marks		Total	Marks Minimum	
		UA	CA	UA	CA				External	Internal		Theory	Practical
Major - 01MSCMB01	Theory	80	20	LAB-1	25	300	4	3	80	20	100	40	40
Major - 01MSCMB02	Theory	80	20	75			4	3	80	20	100	40	40
Major - 01MSCMB03	Theory	80	20	LAB-2	25	300	4	3	80	20	100	40	40
Elective - 01MSCMB04	Theory	80	20	75			4	3	80	20	100	40	40
Minor - 01MSCMB09	Theory	80	20	-	-	100	3	3	80	20	100	40	40
SEMINAR	-	-	50			50	1	-	-	50	50	-	-
TOTAL		400	150	150	50	750	20						

MARKING SCHEME													
Semester II													
Code	Theory / Practical	Teaching Scheme					Credit	Examination Scheme					
		Theory		Practical		Total		Duration in hrs.	Max. Marks		Total	Minimum Marks	
		UA	CA	UA	CA				External	Internal		Theory	Practical
Major - 02MSCMB01	Theory	80	20	LAB-1	25	300	4	3	80	20	100	40	40
Major - 02MSCMB02	Theory	80	20	75			4	3	80	20	100	40	40
Major - 02MSCMB03	Theory	80	20	LAB-2	25	300	4	3	80	20	100	40	40
Elective - 02MSCMB04	Theory	80	20	75			4	3	80	20	100	40	40
OJT - 02MSCMB09	-	80	20	-	-	100	3	3	80	20	100	40	40
SEMINAR	-	-	50			50	1	-	-	50	50	-	-
TOTAL		400	150	150	50	750	20						

M.Sc. Program (Semester I&II) in Geology
(Scheme Teaching and examination under semester pattern NEP 2020)

SEMESTER I

Major and Elective Paper, Code	Theory / Practical	Teaching Scheme			Credit	Examination Scheme					
		Hours/ week				Duration in hrs.	Max. Marks		Total	Minimum Marks	
		Theory	Practical	Total			External	Internal		Theory	Practical
Major I, (PSCGEOT01)	Paper I	4		4	3	4	80	20	100	40	
Major II, (PSCGEOT02)	Paper II	4		4	3	4	80	20	100	40	
Major III, (PSCGEOT03)	Paper III	4		4	3	4	80	20	100	40	
(Select any one) Elective, PSCGEOE- Papers 01 to 05	Paper IV	4		4	3	4	80	20	100	40	
Practical I, PSCGEOP01	Practical 1		4	4	2	4	75	25	100		50
Practical II, PSCGEOP02	Practical 2		4	4	2	4	75	25	100		50
Research Methodology, RMGEOT05	Paper I	4		4	3	4	80	20	100	40	
Seminar	Theory	--	--	--	1	1	--	50	50	--	--
TOTAL		20	8	28	20	29	550	200	750	200	100

SEMESTER II

Major and elective Paper, Code	Theory / Practical	Teaching Scheme			Credit	Examination Scheme					
		Hours/ week				Duration in hrs.	Max. Marks		Total	Minimum Marks	
		Theory	Practical	Total			External	Internal		Theory	Practical
Major I, PSCGEOT04	Paper IV	4		4	3	4	80	20	100	40	
Major II, PSCGEOT05	Paper V	4		4	3	4	80	20	100	40	
Major III, PSCGEOT06	Paper VI	4		4	3	4	80	20	100	40	
(Select any one) Elective PSCGEOE- Papers 06 to 10	Paper V	4		4	3	4	80	20	100	40	
Practical III, PSGEOP03	Practical 3	--	4	4	2	4	75	25	100	--	50
Practical IV, PSGEOP04	Practical 4	--	4	4	2	4	75	25	100	--	50
OJT/FP (On Job Training, Internship/Apprenticeship/Field Project), OJT, GEO-01	Paper II	4	--	4	3	4	80	20	100	40	--
Seminar	Theory	--	--	--	1	1	--	50	50	--	--
TOTAL		20	8	28	20	29	550	200	750	200	100

Note- Internal assessment will be based on actual field work with or without collaborated in GSDA, GSI, other Geological organization and also work with NGO's for the rural development.

Eligibility to the course

Subject to their compliance with the provisions of this direction and of other ordinances in force from time to time, the following applicant candidates shall be eligible for the admission to Master of Science and examinations thereof.

Eligibility for Semester I

For M.Sc. Geology for admission to the M. Sc. Semester I in Geology, a candidate shall have offered Geology as one of the subject at the B.Sc. level.

Gondwana University, Gadchiroli



Syllabus

for

Master of Science (M.Sc.) Mathematics

Based on NEP-2020

(With effect from 2023-24)

Board of Studies in Mathematics

Faculty: Science and Technology

Semester I for M.Sc. Program in Mathematics											
Course	Teaching Scheme (Hours/Week)			Credits			Examination Scheme				
	Theory	Practical	Total	Theory	Practical	Total	Duration in Hrs.	Maximum Marks		Total Marks	Minimum Passing marks
						External assessment Theory		Internal assessment	External assessment + Internal assessment		
Major (DSC) 1	4	--	4	4	--	4	3	80	20	100	40
Major (DSC) 2	4	--	4	4	--	4	3	80	20	100	40
Major (DSC) 3	4	--	4	4	--	4	3	80	20	100	40
Elective (DSE)	4	--	4	4	--	4	3	80	20	100	40
Research Methodology	4	--	4	4	--	4	3	80	20	100	40

Semester II for M.Sc. Program in Mathematics											
Course	Teaching Scheme (Hours/Week)			Credits			Examination Scheme				
	Theory	Practical	Total	Theory	Practical	Total	Duration in Hrs.	Maximum Marks		Total Marks	Minimum Passing marks
						External assessment Theory		Internal assessment	External assessment + Internal assessment		
Major (DSC) 1	4	--	4	4	--	4	3	80	20	100	40
Major (DSC) 2	4	--	4	4	--	4	3	80	20	100	40
Major (DSC) 3	4	--	4	4	--	4	3	80	20	100	40
Elective (DSE)	4	--	4	4	--	4	3	80	20	100	40
On Job Training /Field Project (OJT/FP)	4	--	4	4	--	4	3	80	20	100	40

Guidelines about Internal Assessment for Semester I and II:

The internal assessment marks shall be awarded by the concerned teacher. The internal assessment marks shall be sent to the University.

In case, the candidate fails in Theory Examination, the Internal Assessment marks will be carried forward for his next supplementary Examination.

There shall be no separate / extra allotment of work load to the teacher concerned. He/ She shall conduct the internal assessment activity during the regular teaching days / periods as a part of regular teaching activity.

The concerned teacher / department / college shall have to keep the record of all the internal assessment activities until six months after the declaration of the results of that semester.



GONDWANA UNIVERSITY
GADCHIROLI

**SYLLABI AND COURSE OF
STUDIES IN**

MICROBIOLOGY

**FYPG SEMESTER I AND II
UNDER NEP 2020 PROGRAMME**

SESSION 2023-ONWARDS

Paper wise Marking Distribution Scheme

SEM - I						
Major (Mandatory)	Credit	Elective	Credit	On Job Training /Field Project (OJT/FP)	Credit	Total Credit
<p align="center">01MSCMB01 Microbial Diversity and Evolution</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>	(4x3) 12	<p align="center">01MSCMB04 Microbial Physiology and Metabolism</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>	4	<p align="center">01MSCMB09 Research methodology</p> <p>Theory = 80 Internal = 20</p>	4	20
<p align="center">01MSCMB02 Enzymology and Techniques</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>		<p align="center">01MSCMB05 Principle of Microbiology</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>				
<p align="center">01MSCMB03 Commercial Microbiology</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>		<p align="center">01MSCMB06 Pharmaceutical Microbiology</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p>				
		<p align="center">01MSCMB07 Advanced Microbiology</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p> <p align="center">01MSCMB08 Agriculture, Dairy and Food Microbiology</p> <p>Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M</p> <p>Note: Student can select any one elective paper</p>				

Paper wise Marking Distribution Scheme

SEM – II						
Major (Mandatory)	Credit	Elective	Credit	On Job Training /Field Project (OJT/FP)	Credit	Total Credit
02MSCMB01 Advance Techniques in Microbiology Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M	(4x3) 12	02MSCMB04 Microbial Methods for environment management Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M	4	02MSCMB09 On Job Training or Field Work Theory = 80 Internal = 20	4	20
02MSCMB02 Membrane structure and signal transduction. Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M		02MSCMB05 Biosafety and IPR Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M				
02MSCMB03 Microbiological Testing of industrial product Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M		02MSCMB06 Microbial Biotechnology Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M				
		02MSCMB07 Microbial Enzyme Technology Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M				
		02MSCMB08 Microbes in sustainable agriculture and Development Theory = 03 Practical = 01 Theory = 75M (60 + 15) Practical = 25M Note: Student can select any one elective paper				

Board of Studies in Physics
FACULTY OF SCIENCE AND TECHNOLOGY
GONDWANA UNIVERSITY, GADCHIROLI



Syllabus of
M. Sc. First Year Semester I & Semester II
SUBJECT – PHYSICS

DIRECTION RELATING TO THE EXAMINATION LEADING TO
THE TWO YEAR / ONE YEAR MASTER OF SCIENCE
DEGREE WITH SEMESTER PATTERN
AS PER NEP 2020

Session 2023-2024

Teaching and Examination Schemes:

Teaching and Examination Schemes for Two Year M.Sc. (of four semesters) programme in Subject Physics is as follows:

Table 1: M.Sc. Semester I

Course Category	Course Code	Name of the course (Title of the Paper)	Level	Teaching Scheme (hrs)				Examination Scheme						
				Theory	Pract.	Total	Total Credit	Duration of Exam (Hrs)	Maximum marks		Total	MiniPassing Marks		
									ESE (UA)	CIE (CA)		Theory	Practical	
DSC	01MSCPH 1	Paper 1: Semiconductor Physics and Devices	6.0	4	--	4	3	3	80	20	100	40		
	01MSCPH 2	Paper 2: Electrodynamics		4	--	4	3	3	80	20	100	40		
	01MSCPH 3	Paper 3: Mathematical Physics		4	--	4	3	3	80	20	100	40		
DSE	01MSCPH4.1	Paper 4: Complex Analysis and Numerical Methods												
	01MSCPH4.2	Paper 4: Astrophysics												
	01MSCPH4.3	Paper 4: Energy Physics		4	--	4	3	3	80	20	100	40		
	01MSCPH4.4	Paper 4: Introduction to Python												
	01MSCPH4.5	Paper 4: Biophysics												
RM	01MSCPH 5	Paper 5: Research Methodology		4	--	4	3	3	80	20	100	40		
Lab-I	01MSCPH 6	Practical Based On (Paper I+ Paper II)		--	8	8	2	3-8	80	20	100		50	
Lab-II	01MSCPH 7	Practical Based On (Paper 3+ Elective)		--	8	8	2	3-8	80	20	100		50	
Ability Enhancement	01MSCPH 8	Seminar		2	--	2	1	--	--	50	50	20		
Total --				22	16	38	20		560	190	750		--	

Table 1: M.Sc. Semester II

Course Category	Course Code	Name of the course (Title of the Paper)	Level	Teaching Scheme (hrs)			Total Credit	Duration of Exam (Hrs)	Examination Scheme					
				Theory	Pract.	Total			Maximum marks		Total	MiniPassing Marks		
									ESE (UA)	CIE (CA)		Theory	Practical	
DSC	02MSCPH 1	Paper 1: Fundamentals of Quantum Mechanics	6.0	4	--	4	3	3	80	20	100	40		
	02MSCPH 2	Paper 2: Solid State Physics		4	--	4	3	3	80	20	100	40		
	02MSCPH 3	Paper 3: Classical and Statistical Mechanics		4	--	4	3	3	80	20	100	40		
DSL	02MSCPH4.1	Paper 4:- Advanced Optoelectronics			4	--	4	3	3	80	20	100	40	
	02MSCPH4.2	Paper 4: Plasma Physics and Space Science												
	02MSCPH4.3	Paper 4: Practical Electronics												
	02MSCPH4.4	Paper 4: Medical Physics												
	02MSCPH4.5	Paper 4: Data Science												
OJT/FP	02MSCPH5	Paper 5: Industrial Training/ Field Project/Research Project		4	--	4	3	5	80	20	100	50		
Lab-I	02MSCPH 6	Practical Based On (Paper I+ Paper II)		--	8	8	2	3-8	80	20	100		50	
Lab-II	02MSCPH 7	Practical Based On (Paper 3+ Elective)		--	8	8	2	3-8	80	20	100		50	
Ability Enhancement	02MSCPH 8	Seminar		2	--	2	1	--	--	50	50	20		
Total --				22	16	38	20		560	190	750		--	

Abbreviations: DSC: Discipline Specific Core, DSE: Discipline Specific Elective, OJT: On Job Training; Internship/ Apprenticeship; FP: Field projects; RM: Research Methodology; Research Project: RP. ESE: End Semester Evaluation (UA), CIE: Continuous Internal Evaluation (CA).

**GONDWANA UNIVERSITY,
GADCHIROLI**



**DIRECTION RELATING TO THE
EXAMINATION LEADING TO THE TWO
YEAR / ONE YEAR MASTER OF
SCIENCE DEGREE WITH SEMESTER
PATTERN
AS PER NEP 2020**

**FACULTY- SCIENCE AND TECHNOLOGY
SUBJECT- ZOOLOGY
M.Sc. Semester I and II
Session 2023-24**

Teaching and Examination Schemes:

Teaching and Examination Schemes Two Year M.Sc. (of four semesters) programme is as follows.

Table 1: M.Sc. Semester I

Sr No	Course Category	Name of the course (Title of the Paper)	Level	Teaching Scheme (hrs)			Total Credit	Evaluation Scheme			
				Th	Tu	P		Duration of Exam (Hrs)	UA (ESE)	CA (CIE)	Mini Passing Marks
1	DSC	Paper 1:- Structure and function of Invertebrates (01MSCZO01)	6.0	4	--	--	3	3	80	20	40
		Paper 2:- General Physiology (01MSCZO02)		4	--	--	3	3	80	20	40
		Paper 3:- Cell Biology and Genetics (01MSCZO03)		4	--	--	3	3	80	20	40
2	DSE Elective	Paper 1:- Bioinstrumentation, Bioinformatics and Biostatistics		4	--	--	3	3	80	20	40
		Paper 2:- Environmental science and Basic concepts of Ecology									
		Paper 3:- Ecology and Environmental Pollution									
		Paper 4:- Medical Laboratory Techniques									
		Paper 5:- Basic Limnology (01MSCZO04)									
3	RM	Research Methodology (01MSCZO05)		4	--	--	4	5	80	20	40
4	Lab-I	Practical Basis On (C1+ C2)		--	--	4	2	5	80	20	50
5	Lab-I	Practical Basis On (C1+ EL)		--	--	4	2	5	80	20	50
6		Seminar		---	--		--	--	--	50	20
				20	--	8	20		550	200	--
<p>Cumulative Credits required for PG in Major Subject (One Year PG Degree) = 20 Credits Subject Core = 09, Practical = 04, Electives = 03, RM = 4, Total = 20 Credits</p>											

Table 1: M.Sc. Semester II

Sr No	Course Category	Name of the course (Title of the Paper)	Level	Teaching Scheme (hrs)			Total Credit	Evaluation Scheme			
				Theory	Tutorial	Practical		Duration of Examination (Hrs)	End Semester Evaluation (ESE)	Continuous Internal Evaluation (CIE)	Minimum Passing Marks
				Th	Tu	P					
1	DSC	Paper 1:- Structure and Function of Vertebrates (02MSCZO01)	6.0	4	--	--	3	3	80	20	40
		Paper 2: Comparative Endocrinology- (02MSCZO02)		4	--	--	3	3	80	20	40
		Paper 3 Molecular Biology and Biotechnology: (02MSCZO03)		4	--	--	3	3	80	20	40
2	DSE Elective	Paper 1:- Biology of Parasites		4	--	--	3	3	80	20	40
		Paper 2:- Aquaculture and Management Paper 3:- Applied Entomology Paper 4:- General and Applied Ichthyology Paper 5:- Economic Zoology (02MSCZO04)									
3	OJT / FP	Industrial Training/Survey/ Research Project (02MSCZO05)		4	--	--	4	5	80	20	50
4	Lab-I	Practical Basis On (C1+ C2)		--	--	4	2	5	80	20	50
5	Lab-I	Practical Basis On (C3+ EL)		--	--	4	2	5	80	20	50
6		Seminar		---	--		--	--	--	50	20
				20	--	8	20		550	200	--
<p align="center">Cumulative Credits for : PG Degree in Major Subject Core = 09, Practicals = 04, Electives = 03 OJT / FP= 4 Total = 20 Credits (Sem-1: 20 + Sem-2: 20 = 40 Credits)</p>											

Annexure-III

DETAILS OF 'ON JOB TRAINING/FIFLD PROJECT/INTERNSHIP AND RESEARCH PROJECT

[A] GUIDELINES FOR 'ON JOB TRAINING/FIELD PROJECT/INTERNSHIP

Semester II

1. Learning Outcomes

co1	Student will be able to explain the profile of the institute/company/industry where the OJT/Internship has been carried out. OR Student will be able to describe the need for objective of undertaking the field project.
co2	The student will be able to assess its Strengths, Weaknesses, Opportunities and Challenges (SWOC). OR Student will be able to list the outcomes of the Field Project.
co3	Student will be able determine the challenges and future potential of OJT/Internship. OR Student will be able to describe the profile of respondents / community involved in the 'Field Project'
co4	Student will be able to correlate theoretical classroom learning and its application in practical situations by accomplishing the tasks undertaken during OJT/ Internship/FP
co5	Student will be able to apply various soft skills such as time management, positive attitude, and communication skills, scientific temperament during OJT/ Internship/ FP
co6	Student will be able to suggest improvements in processes / systems based on his experiences during OJT/ Internship/FP.

2. Every student admitted to M.Sc. Second Semester is compulsorily required to undergo this course bearing 4 credits.

3. During second semester, all students will have to undergo OJT/Internship/FP of 120 Hours.

4. Each student will be required to submit a detailed report to the Department/College/Institute for the work undertaken during this period **within 7 days of completion of the training** following which the evaluation and assessment for OJT/Internship/FP will be done by the college/institute concerned. The Report submitted must be according to the Learning outcomes and in tune with the rubric for evaluation.

5. College/Institute is required to assign Supervisor/Mentor to students for OJT/Intership/FP who will guide the student in attaining the outcomes of this course.

6. It is desirable to appoint an external examiner from the company/organization where a student has completed his OJT/Internship/FP. However, the Principal/HOD may appoint any other industry professional or subject expert as an external examiner. The remuneration (Rs.200/- per

student for internal and external examiner each), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.

7. The Internal Examiner and External Examiner shall jointly evaluate the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.

8. The College/Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.

[A-1] EVALUTION REPORT OF OJT/INTERNSHIP/FP

M.Sc. (Major Subject) Examination, _____

Name of Student: _____

OJT/SLP Title: _____

Roll No. _____

Max. Marks: 100

CRITERION	Parameters	Score
Continuous Internal Evaluation	Regularity, punctuality, sincerity, scientific temperament and feedback from the Organization where OJT/Internship/FP has been carried out	___ out of 50
Organization Profile	Basic information about the organization where the OJT/Internship/FP/ has been carried out	___ out of 10
SWOC analysis	SWOC analysis, key challenges & opportunities, Goals and objectives of the OJT/Internship/FP	___ out of 10
Application of theoretical knowledge and Conclusions	Details of the work done, experiments carried out, new techniques learnt, hands on training gained etc. Specific Conclusions based on empirical evidences. Recommendations based on practical feasibility	___ out of 10
Report on OJT/Internship/FP	One copy of spiral bound report duly signed by the Mentor and HOD to be submitted to the College/Institute/Department	___ out of 10
Presentation	A power point presentation based on work carried out and viva voce by external examiner.	___ out of 10
Total Marks Scored out of 100		
Name and Signature of Internal Examiner		Name and Signature of External Examiner

[B] GUIDELINES FOR RESEARCH PROJECT

1. Learning Outcomes:

On completion of the research project, the learner will be able to-	
co1	Formulate a research problem statement under a given state of conditions
co2	Carry out Review of Literature in the context of defined research problem and identify research gap
co3	Develop Constructs, design data collection instruments and collect data using appropriate sampling technique and/ or experiments
co4	Analyse data to arrive at meaningful findings and conclusions using appropriate statistical tools with reference to defined research problem
co5	Write a project report explaining research problems, hypotheses (if any), data collection, analysis of data, findings, conclusions, and future scope
co6	Defend the research design, methods, and findings in the Open Defence Examination

Note:-This table gives generic Cos. Cos may vary with reference to the requirement of a program (course)

2. The research project is a compulsory course carrying 10 credits (3rd Semester-4 Credits and 4th Semester-6 Credit) to become eligible for award of degree of Master of Science under this scheme of examination.

3. College/Institute is required to assign Supervisor to students for Research Project who will guide the students in attaining the outcomes of this course. One such supervisor can supervise maximum 20 students in a session.

4. A supervisor shall be a full-time teacher working with the college/institute concerned. However, in case of non-availability of adequate number of full-time teachers, an ad-hoc or CHB teacher can be appointed as a supervisor. In certain cases, an industry professional or subject expert can also be appointed as a supervisor by the Principal of college/HOD of the Department. Supervisors shall not claim any additional remuneration/honorarium for guiding students.

5. Guidelines for Research Project:

a. Objective:- Every student will be assigned a project in 3rd and 4th Semesters and it will be pursued by him/her under the supervision of an internal supervisor. The objective of the Project Work is to help the student develop his/her ability to apply multidisciplinary concepts, tools and techniques to solve organizational and/or to evolve new/innovative theoretical frame work.

b. Types of Project: The Project may take any one of the following forms (not limited to these):

1. Research project
2. Review project
3. Field study

c. **Submission of the Research Project Report:** Every Student shall submit a Hard Copy of the Research Project Report duly sign by the student and supervisor to the college/institute. Following documents are required to be submitted with the Research Project Report:

i. A certificate from the Supervisor to the effect that the candidate has satisfactorily completed the Project work for not less than one session and that the Project work is the result of the candidates own work and is of sufficiently high standard to warrant its presentation for examination

ii. A declaration by the candidate that the Project is the result of his/ her own research work and the same has not been previously submitted to any examination of this University or any other University. The Project shall be liable to be rejected and / or cancelled of found other wise.

iii. A certificate obtained through anti-plagiarism software stating that the original content of the project work report is more than 70% must be attached at the beginning of the candidate has not copied/ plagiarised the contents of project report and that the supervisor has ensured the originality & authenticity of data/contents incorporated in the project report.

d. **General Format of the Report:** The project report should preferably be written in the following format (The format may vary depending on the nature of research topic):

i. Introduction

ii. Literature survey

iii. Aim and objective(s)

iv. Materials and Method (Experimental)

v. Results and Discussion

vi. Conclusion

vii. Future scope

viii. References/Bibliography

6. The College / Institute shall schedule the project presentation by the students during semester end examination. The presentation shall be evaluated by the supervisor/mentor assigned to a student (as an internal examiner) and an external examiner appointed by the college/institute.

7. The External Examiner for evaluation of Research Project Report shall be appointed by the University through its established rules and procedures. The remuneration (Rs. 200 per student for Internal and External Examiners), TA/DA or Conveyance Allowance to external examiner may be paid by the college/institute which will be reimbursed by the university as per established rules.

8. The Internal Examiner and External Examiner shall jointly evaluation the report submitted by the student and her/his seminar and shall immediately submit the evaluation report in the prescribed format provided along with.

9. The College / Institute shall submit marks obtained by students to the university as per prevalent system within 3 days of evaluation.

Semester-Master of Science (M.Sc.) (OBE-NEP) Summer-20
EVALUATION REPORT OF PROJECT REPORT & VIVA VOCE OF 100 MARKS/200
MARKS

Roll No.	Name of Student	Evaluation parameters (Sem-3/Sem-4)						Total Marks Obtained (Sem-3:100 marks/Sem-4:200 marks)
		Continuous Internal Evaluation (50/100)	Introduction and Literature survey (10/20)	Aim and objective (s) (5/10)	Materials and Method (10/20)	Results and Discussion (15/30)	Presentation and viva voce(10/20)	

Name & Signature of External Examiner

Name & Signature of Internal Examiner