1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS) / Elective Course System has been implemented.

🥮 Gondwana University, Gadchiroli

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

M.I.D.C.ROAD, COMPLEX, GADCHIROLI, DIST GADCHIROLI -442605 (Acad. Landline No.) 7132-223323

No.G.U./Acad.g.(5/2021

Date : 23/08/2021

To whomsoever it may concern

This is to certify that Nilkanthrao Shinde Science & Arts College, Bhadrawati Dist. Chandrapur affiliated to the Gondwana University, Gadchiroli has been implementing Choice Based Credit System (CBCS) at undergraduate level for B.Sc. program since 2017 for the following subjects (courses):

Sr. No.	Programme	Subjects	Remark
I B.Sc	B.Sc.,	English	Implemented CBCS Scheme by
		Marathi	the University for all U G
		Supplementary English	programme Since session
	8	Mathematics	2016-2017
		Physics	-
		Chemistry	
		Zooloogy	-
	1	Botany	
		Computer Science	
		Micro- Biology	

Choice Based Credit System (CBCS) in the above programme and courses is

operative from academic year 2019-20 and onwards

Hence certified.

Date: 23.08.2021

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawali, Dist-Ghandrapur

251812021

(Dr. Anil Z. Chitade) Registrar (I/C) Gondwana University, Gadchiroli Robitrar (I/C.) Control Control (I/C.)

🦉 Gondwana University, Gadchiroli

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

M.I.D.C.ROAD, COMPLEX, GADCHIROLI, DIST GADCHIROLI -442605 (Acad..Landline No.) 7132-223323

No.G.U./Acad.u.(s) 2021

Date: 23/08/2021

To whomsoever it may concern

This is to certify that Nilkanthrao Shinde Science & Arts College, Bhadrawati Dist. Chandrapur affiliated to the Gondwana University, Gadchiroli has been implementing Choice Based Credit System (CBCS) at Undergraduate level for B.A. program since 2017 for the following subjects (courses):

Sr. No.	Programme	Subjects	Remark
1 B.A.	English	Implemented CBCS Scheme by	
		English Literature	the University for all U G
		Marathi	programme Since session
		Marathi Literature	2016-2017
		Home Economics	
		Economics	
		History	
		Sociology	
		Political Science	
		Geography	
24		Fashion Designing	

Choice Based Credit System (CBCS) in the above programme and courses is operative from academic year 2019-20 and onwards.

*Hence certified.

Date: 23.08.2021

goke Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

(Dr. Anil Z, Chitade) Registrar (I/C) Gondwana University, Gadehiroli Regiotres (Vo.)

🕮 Gondwana University, Gadchiroli

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

M.I.D.C.ROAD, COMPLEX, GADCHIROLI, DIST GADCHIROLI -442605 (Acad. Landline No.) 7132-223323

No.G.U./Acad.9652021

Date : 23/08/2021

To whomsoever it may concern

This is to certify that Nilkanthrao Shinde Science & Arts College, Bhadrawati Dist. Chandrapur affiliated to the Gondwana University, Gadchiroli has been implementing Choice Based Credit System (CBCS) at fostgraduate level for M.Sc. program since 2017 for the following subjects (courses):

Sr. No,	Programme	Subjects	Remark
1	M.Sc.,	Mathematics	Implemented CBCS Scheme by
		Physics	the University for all P.G
	Chemistry	Chemistry	programme Since session
		Zooloogy	2016-2017
		Botany	

Choice Based Credit System (CBCS) in the above programme and courses is

operative from academic year 2019-20 and onwards

Hence certified.

Date: 23.08.2021

231312021

(Dr. Anil Z, Chitade) Registrar (I/C) Gondwana University, Gadchiroli Registrar (I/n.) Goodmana University, Gadchirofi

goke Dr. L.S. Ladke PRINCIPAL

N.S. Science & Arts College Bhadrawati, Dist-Chandrapur



M.I.D.C.ROAD, COMPLEX, GADCHIROLI, DIST GADCHIROLI -442605 (Acad. Landline No.) 7132-223323

No.G.U. / Acad . 765/2021

Date : 23/08/2021

To whomsoever it may concern

This is to certify that Nilkanthrao Shinde Science & Arts College, Bhadrawati Dist. Chandrapur affiliated to the Gondwana University, Gadchiroli has been implementing Choice Based Credit System (CBCS) at Postgraduate level for M.A. program since 2017 for the following subjects (courses):

Sr. No.	Programme	Subjects	Remark
1	M.A.	English	Implemented CBCS Scheine by
		Marathi	the University for all P. G
		Home Economics	programme Since session
		Economics	2016-2017
		History	
		Sociology	
		Political Science	
		Geography	
		Home Economics	

Choice Based Credit System (CBCS) in the above programme and courses is

operative from academic year 2019-20 and onwards

Hence certified.

Date: 23.08.2021

Dr. L.S. Ladke PRINCIPAL

N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

125/8/2021

(Dr. Anil Z, Chitade) Registrar (I/C) Gondwana University, Gadehiroli

1.2.1 Structure of the programme clearly indicating courses, credits-

Programmes in the college are –

- 1.<u>B.Sc.</u>
- 2.<u>M. Sc.</u>
- 3.<u>B.A.</u>
- 4. <u>M. A.</u>
- 5.<u>Ph. D.</u>

Choice Based Credit System implemented from Session 2017-2018 onwards for B. Sc./ B. A.

Nilkanthrao Shinde Science and Arts College, Bhadrawati Dist – Chandrapur

Gondwana University, Gadchiroli

Reference: GUG/Aca/78/2017 Dated 06/07/2017

This letter from Gondwana University, Gadchiroli to all colleges. It shows that CBCS syllabus is now part of curriculum from the session 2017-2018 in Science, Arts and Commerce streams of Gondwana University, Gadchiroli.

> Dr. Vijay Silhar Deputi Registrar (Academic) Gondwana University, Gadchiroli

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

ِ गोंडवाना विद्यापीठ, गडचिरोली

परिषत्रक

गोधनामा नियाणीळाळी संतर्भनेत लावे संहाविणारव्यांना परिपत्रकालारे कळ्लिण्यात येते की. शीक्षणिक सन् २०१७ १८ पासून विद्यापीडातील सर्च पटणी अभ्यासक्रमांना Choice Based Credit System जागू करण्यात आलेले आहे. तर्भ विधाशाखेगोल पदया अभ्यासकमाले Choice Based Coedit System में आन्यासकन निधानीजने संकेनस्थळ www.unigug.org भर प्रश्तांत्रल करत्वात आहेले आहेल. सर्व मांठणितत महाविधालयातील प्राणायांभी यंग्लेलकाळालगेण अभ्यासक्रमांचे अवलोकम करल महाविद्यालयातील प्राध्यापक, जिलाशी इल्पालींना अवगल कलाले, हि विचली.

मा कुल्युक महीदयांचे आदेशाव्यले.

nuillie (তাঁ, বিজয় মিল্যাই) উপকৃতকান্দিৰ(বিয়া) গাঁওলানা কিমাদীও,গঙাপিয়াঁতী

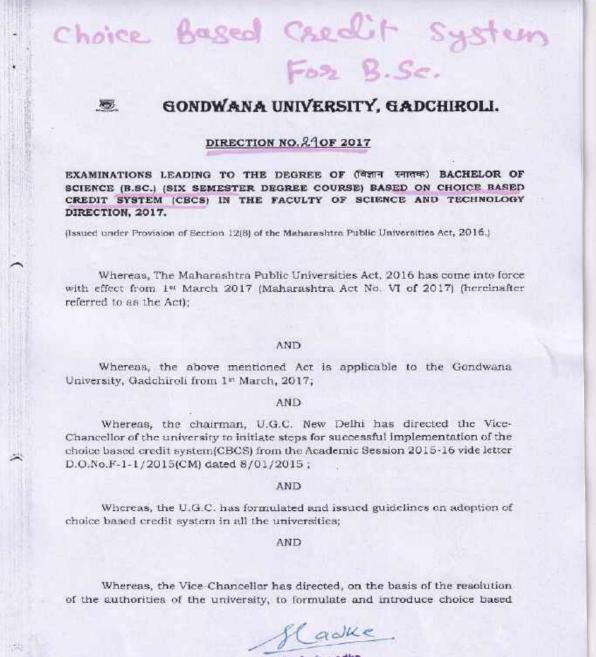
officiently

- मा.कुळपुरू महोदताचे कार्यालय,गोडवाना किंतापीठ,गडविंगेकी यांना समादागने सादर. मा.संचालक(परिश) व मुल्यमापन संडळ), गोंडवाना विद्यापीठ,गइष्पिली गांना गाहिती
- व कार्यावाडीस्टाव साहर अ.पा.पाचार्य, यार्थ संख्यांत्रत गहाविद्यालय, गोंडवाना विद्यापीठ,गडविसेली यांना गाहिती
- ज प्रार्थवातीलाच साहर मा सर्थ विश्वाराध्रमुख, गोळलाना विद्यापीठ,गाइडिसोली.

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bliadrawati, Dist Chandrapur



CBCS implemented for B. Sc. From Session 2017-2018 onwards



Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrepul

- All theory examinations shall be conducted by Gondwana University Gadchiroli at the end of each Semester.
- Practical examination for all odd semesters shall be conducted at the college level and all even semester, by Gondwaria University, Gadehiroli.
- Ducation 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, BI & 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 asything to the contrary of this Direction, no candidates shall be admitted to B.Sc. part L (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/site 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. f &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 linal examination shall be on payment of the prescribed fees, will be ontitled for the award of the degree in the prescribed form signed by the Vice Chancellor.
- Absorption scheme to switch over from yearly to semester pattern (From other University to Gondwana University)
- a) The emiddates 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.

Gadehirol Date: 22 08 08 777

(Dr. N. V. Kalvankar) Vice Chancellor

S. Ladke

PRINCIPAL N.S. Science & Arts College Bhadrewall, Dist-Chandreput

B. Sc. Credit Points

		т	nree j	year	(Six	sen	achelo g and E 4ESTE c, 1 (Se	xamin RS) C	ation BCS I and	schem Degree []])	Progr			Арре	ndix-/	•
Sr N	Subjects	Teac		ş	-	-			F	xamin	ation	Schen	10			
0				-					Theo	ry			Pra	ctical		
		A The Tu Periods	Pr(Periods)	A Total periods	A Credits	w Duration Hrs.	S Max mark Th paper	Min Passing Marks Th	Max marks 14	© Min passing	Letal 100	B Min. passing Marks	Duration hrs.	Max. mark practical	Min.passing marks	5 Total marks
J.	AECC-English	1							0.33754	1971		416	-			- 75.92
2.	AECC-Second Language	3		3	4	з	80	32	20	08	100	40	**	**	-375	10
3.		3+ @	14	6+ ©	6	з	40	40	10	08	120	48			1	15
4.	Science Core II, Paper I,II and Practical, excluding Mathematics	3+ @	-	e	Б	3	40		10				-		-	
5.	Science Core III, Paper I,II and Practical, excluding Mathematics For Core III Mathematics refer to row No 6&7	1	+	6	6	-			1	1		-	6 - 8*	30	11	
6,	Mathematics	4+1	-		3	3	60		15	12	150	60	-		1.44	
7	(Paper I) Mathematics	4+1		8+	3	3	60	48	15	12	150	00	-	-	1000	15

Dr. L. S. Ladke PRINCOIPAL N.S. Science & Arts College Binadrowati, Dist-cliandraput

Appendix-B1

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

Sr .N	Subjects	Teach schem							Exa	minat	tion Se	cheme				
0			-		1			Tł	eory					Prac	tical	
		Th+Tu Periods	Pr(Periods)	Fotal periods	Credits 🦿	Duration http://www.com	Maxi.mark Th paper	Min Passing Marks Th	Max marks IA	Min.passing I.A	Total	Min. passing Marks	Duration hrs.	Max.marks practical	Min.passing marks	Total marks
١.	Science Core I Paper I,II and Practical, excluding Mathematics	3+ @	1	6 +	6	3	50	40	10	08	120	48	1.1	-		150
2.	Science Core II Paper I,II and Practical, excluding Mathematics	3+ @	+	@	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.		1	6	6		-			-	-		5 8 *	30	11	
4.	Mathematics (Paper I)	4+1	1	8	3	3	60		15	12	150	60	:	-	-	15
5.	and the second se	4+1		+2	3	3	60	48	15					-	<u> </u>	

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

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Dr. L. S. Ladka PRINCIPAL N.S. Science & Arts Collega Shadrawali, Distrumanarapur

Appendix-B2

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

Sr N	Subjects	Teach schen		Examination Scheme													
-						Theory								Practical			
		fh+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+ @	1	6 +	5	3	50	40	10	08	120	48	1.1	1	-	150	
2,	Science DSE II Paper I,II and Practical, excluding Mathematics	3+ @	*	0	6	3	50		10				55 53.	-	1		
3.	Science DSE III Paper I,II and Practical, excluding Mathematics If DSE III is Maathematic s then refer row no.4,5	1	-	6	6		-	1	1		-	-	6 - 8 *	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.

Majka Dr. L. S. Ladke

Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

1)	(i) Core cours	es (12) with practical				
		Theory	12x4	=	48	
		Practical	12x2	=	24	
					72	
	(ii) Core cour	ses without practical	12x6	=	72	
2)	(i)Elective co	urses (6) with practical				
		Theory	6x4	-	24	
		Practical	6x2	=	12	
					36	
	(ii)Elective co	ourses (6) without practica	1	6x6	-	36
3)	Ability enhan	cement courses(4)				
		Compulsory		4x4	=	16
4)	Skill enhancer	ment Courses (04)		4x2	=	08
	Total	132 credits for complete	B.Sc. Prog	ramm	e,	
Sem.	1	Core (18) + AEC	C (08)	=	26	
Sem.	п	Core (18) + AEC	C (08)	-	26	
Sem.	ш	Core (18) + SEC	(02)		20	
Sem.	IV	Core (18) + SEC	(02)	=	2.0	
Sem.	v	DSE (18) + SEC	(02)	=	20	
Sem.	VI	DSE (18) + SEC	(02)		20	
			Fotal		132 ci	redits

Details of courses under Undergraduate programme B.Sc.

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Clipe

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/Hindj	04
	etc)	
	ŧ	Total
		26
п	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	04
	etc)	
		Total
		26

Scheme for Choice Based Credit System

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts Callege Bhadrawati, Dist-Chandrapur

	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 1 (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
	Core Course X Paper I (Th) Phy	02
	Core Course X Paper II (Th) Phy	02
	Core Course X (Pr) Phy	02
	Core Course X1 Paper 1 (Th) Che	02
	Core Course XI Paper II (Th) Che	02
	Core Course XI (Pt) Che	02
	Core Course XILPaper I (Th) Maths	03
	Core Course XII Paper II (Th) Maths	03
	SEC II (chosen by student)	02
	SEC II (chaster by the set	Total
		20
	DSE 1 Paper I (Th) Phy	02
V	DSE I Paper II (Th) Phy	02
	DSE I (Pr) Phy	
	DSE 11 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
		02
	SEC III	

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IV

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

	Total
	20
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
SECIV	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 :-

A

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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 (Semisster 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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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist Chandrager

Programme	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	TotalCredits
Under	26	26	26	20	20	20	132
Graduate					April 14		and the state of the

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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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadraw di, Dist-Chandrepur

Choice Based Credit System for 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 1# 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 structute 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;

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AND Radke Br. L.S. Ladke PERIODAL N.S. Science & Arts College Bharmwati, Dist-Chundrapur

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:-

 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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PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandragur

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- 2. This Direction shall come into force with effect from the date of its issuance.
- 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 reffered to as the main Ordinance)
 - 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".
 - 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 :-

(Dr. N.V.Kalyankar)

Vice-Chancellor

Ladke

PRINCIPAL N.S. Scienco & Aris College Bhadrawali, Dist-Chandrapur

Choice Based Credit System for B. A.

B.A. Direction & Scheme

	DIRECTION NO. 18 SOF 2017
SEM	MINATIONS LEADING TO THE DEGREE OF BACHELOR OF ARTS[B.A.](82) ESTER DEGREE COURSE) BASED ON THE CHOICE BASED CREDIT NYSTEM I FACULTY OF HUMANITIES DIRECTION, 2017
(Iss	and under Provision of Section 12(8) of the Maharashira Public Universities 5(2), 2016.)
ettie	Whereas, The Mahamahim Public Universities Act, 2016 has come une ferre with from 1 ** March 2017 (Mahamahima Act No. VI of 2017);
	AND
Gad	Whereas, the above mentioned Act is applicable to the Gondwana University, chiroli from 1 = March, 2017; AND
	Whereas, the chairman, U.G.C. New Delhi has directed the Vace-Character of
syst	emiversity to initiate steps for successful unplementation of the choice based credit em(C.B.C.S.) from the Academic Session 2013-16 value letter D.C.No.1-1 DIS(CM) dated 8/01/2015 (AND
choi	Whereas, the U.C.C. has formulated and issued guidelines on adoption of ce based coeffit system in all the universities; AND
	Whereas, the vice-channellar has directed, on the basis of the resolution of the parities, to formulate and introduce choice based credit system at U.G. and P.G. I programma intell the familities in the university:
regs	AND Whereas, the matter to introduce choice based wiedly system is required to be dated by an ordinance to be made in this behalf,
	AND
bas	Whereas, no ordinance is in existence in the university for introducing choice of credit system in the faculty of Humanities; AND
the	Whereas, making of an ordinance for introducing shoice based codet system is faculty of Humanities is a time consuming process.
	XND.
Art	Whereas, the choice based credit system in to be hypothesed of the Euclidor of a degree level in the faculty of Humanities from the Academic year 2017-18.
	Dr. L.S. Ladke
	Dr. L.S. Lodke
	PRINCIPAL
	N.S. Science A date in the
	Bhadrawall, Dist-Chandrapur

B. A. Credit Points

			Subject : MARAT (Three) ourse and Exami	ear UG Con action Scher	rse in	faculty	of Arts)		-		
(B.A.) Semester	Area	Uniqu	MARATHI Subject's paper	Credits Per Semester			mination		7		Found
Marsthi	ct		and and a holest		M	iximum f	Vlarks	Mini	mum ks		ation Course
		code (USC)		~	ESE/ UE	IE/ CE	Totai	ESE /UE	SEC		
1	AECC	UAMA R TI	नारहित्य अभित्रेता भारत न	04	80	20	100	40			Prian 4 poel of feratables ensate (cd) Ceafit
n	AECC	UAMA R T2	न्ताद्वित्य चापिता लाजा १	04	80	20	100	40			Friend a pool of franclasicar course (92) Ciesta
ш	AECC	UAMA R T3	नसदित्व पराषिता आज व	04	80	20	100	40	भाषा मामती आगा, मामतीरात्मी		
IV	AEOC	UAMA R T4	साहित्य न्सन्तित भाग न	64	80	20	100	40	भाषा Antin भाषा — समायभाषा सोल्मीपाण(Anti)		
v	SECC	LIAMA R T 5	मनाठी झाथा आणि हवाज्यन्ण	04	80	20	100	40		(Oen aric) (02)	
VI	SECC	UAMA R T6	भनाठी भाषा आणि लेन्ठाज	04	80	20	100	40		ÉEssie 50 6940 60essi: 80 60m	

ESE : Examination Semester End/Uni, Exam UE : Unit Exam even Semester IE : Internal Evaluation / College Exam CE : College Exam

Dr. P.B.BAWANKULE Chairman (Board of MARATHI) Goudwana University Gadchiroli

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Shadrawali, Dist-Chandrapur

						-				-	- 18
		Semester Pattern Scheme	e of Examinati	on for B./	L in Politi	ical Scice	ice (CBC:	5) 2017-2018		0	
				Exemination		Tetomal Assessment		Project Ew	olution) n	ana)
				Marks	Crecity	Modes	Credits	Marks	Credits	Micke	Credits
B.A. Part I	Comp. Paper	Indum Democracy	Full Marks	80	32	20	0.8	50 FC	02	150	6
Semester T	county ruber	internet because they	Pass Marks		+	-	-	20		40	-
R.A. Part I Semester II	Comp Paper	Local Self Government	Full Marks	80	3,2	20	0.8	50PC ICO (Good Gowensecv)	02	250	10
		i den de la	Pass Marks	-	10		-	20+40	1	40	-
B.A. Part II	Comp. Paper	Political Theory	Full Marks	80	3,2	20	0.8	*	(4)	100	4
Semester 111	enable rates	and the state of t	Phys Marks		10	+	+		-	40	-
B.A. Part II	Cump Dame		Full Marks	80	3,2	20	9.8		-	100	4
Sensester IV	Comp. Paper		Pass Marias	+		4	-		•	40	
B.A. Part III Semester V	Paper-A Paper-B	Indian Political Theoght CB Politic Administration in	Full Merka	80	3.2	20	0.8	50 (Generat)	2	150	5
Paper-C	liidia OR Poliiics of Mahamatum	Pass Marks		14	6	4.	20		40		
			Full Marks	RO	3.2	20	0.3	50 (Generic)	2	150	ő
B.A. Pari III Semester VI	Paper-A Paper-B	Western Petrinal Thought CR Diplomacy OR India's Foreign Policy	Pass Marks			-		20		40	
	гаран-С Рарат-С			Ű.				100 (Project)	04	T00	64
			PASS Marks					40		40	
	1000		Full Maries	450	39.2	120	4.8	300	12	1000	40
	TOTA	L	Pass Moria	404	274.00	LAU	4,0	200	14	1000	441

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Dr. L.S. Lidke PRINCIPAL N.S. Scient: Arts College Bhadrawith of Galactic out

nary) Elective Course (GEC)					2. Interna tional Relatio n. 3. State Politics in India	2. National ism in India 3. Diploma cy	
Project				•	-	Group project recomm ended by subject teacher	0
l'otal Crédits per semeste	06	10	04	04	06	10	4(

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawsti, Dist-Ghandrapur

B.A. Political Science (CBCS) Syllabus for Gondwana University, Gadchiroli

1]	B.A. Sem, I	4	Compulsory Paper, Indian Democracy
2]	B.A. Sem. II	4	Compulsory Paper, Local Self Government
3]	B.A. Sem. III	÷.	Compulsory Paper, Political Theory
4]	B.A. Sem. IV	:	Compulsory Paper, Political Analysis & Concepts
5]	B.A. Sem. V	4	Elective Paper A, Indian Political Thought OR
	(Choose to any One		Elective Paper B, Public Administration OR
	Paper)		Elective Paper C, Politics of Maharashtra
6]	B.A. Sem. VI	3	Elective Paper A, Western Political Thought OR
	(Choose to any One		Elective Paper B, Diplomacy OR
	Paper)		Elective Paper C, India's Foreign Policy

Dr. Rajendra Sadashiv Muddamwar Chairman BOS Political Science Gondwana University, Gadchiroli

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Dr. L.S. Ladke PRINCIPAL N.S. Scienci Bhadrawmi

Choice Based Credit System implemented from Session 2016-2017 onwards for M. Sc./ M. A.

GONDWANA UNIVERSITY, GADCHIROLI

(Established by Government of Maharashtra, Notification No. MISC (2007/(322/07) UNI -4 under Sub Section (2) of Section-3 of the Maharashtra Universities Act, 1994 (Mah.-XXXV of 1994.)

Office of the Board of College and University Development

Dr.S.M. Rokade	MIDC Road, Complex, GADCHIIDU - 442 665 (M3)
Director (In-charage)	D7132-273322 Fax: 07132-223322 Email: 1004d accederate of versity Permit com
	web:unigug.org

LNo./GUG/ 6228 /2018

To,

Principal of all affiliated colleges Gondwana University Gadehiroli.

Sub. : Implementation of Choice Based Credit System for all Post Graduate Courses (1st Semester) from the Academic Year 2016-17.

Sir/Madam

It is hereby informed that, in pursuance of the UGC Guidelines on Adoption of Choice Based Credit System and thereon the resolution of the Academic council in its meeting held on 22nd April 2016 has been made applicable to all the Post Graduate courses (1st Semester) from the academic year 2016-17.

Information about all the syllabi, revised scheme of examination and direction will be displayed on the website of the university on or before 10th July 2016.

Date 20/06/2016

Dr. S. M. Řokade Director (In-charge) Board of College and University Development

Copy Submitted to the Hon'ble Vice-chancellor Gondwana University, Gadchiroli for kind information please.

Copy to;

- * Registrar, Gondwana University, Gadchiroli.
- * Controller of Examinations, Gondwana University, Gadehiroli,
- * Academic Section, Gondwana University, Gadehiroli.
- * All departments of university, Gondwana University, Gadchiroli,

PRINCIPAL N.S. Schurce & Jots College Bhadrawall, Diel Chandrapur

Choice Based Credit System for M. A.

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 inSemester 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, 2016considered and approved the recommendations of Board of Studies regarding the syllabi of Γ^{a} , Π^{ad} , Π^{ad} and IV^{th} 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, Gadehiroli in exercise of powers vested in me under Section 14(8) of the Maharashtra universities Act, 1994 do hereby issue the following Directions:-

- 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.
- 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 havepassed Bachelor'sDegree in the relevant discipline of the University or a degree of any other statutory University recognized as equivalent hitherto.

Page 2 of 8

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PRINCIPIO, N.S. Science & Arts College Bhadrawall, Dist-Chandrapur

 (Issued under section 14(8) of the Malacashtra Universities Act, 1994.) Examinations leading to the Degree of Master of Arts in English with Choice Based Credit System in Semester Pattern in the Faculty of Arts, Direction, 2016. Whereas, the Mahamshira Universities Act No. NNNV of 1994 has come into from with other and " July, 1994. NNN Wareas, the Dean of the Faculty of Arts has consumed with the reaction and into the Faculty of Arts on the Nonember 2015. NNN Whereas, the Board of Studies in English in the Faculty of Arts on the moeting held on 16 March, 2016 decided to male amendments related to MAA(Maghta), first to has commute, with Choice Based of Studies in English in the Faculty of Arts on the Nonember 2015. NNN Whereas, the Board of Studies in English in the Faculty of Arts on the moeting held on 16 March, 2016 decided to male amendments related to MAA(Maghta), first to has commute, with Choice Based Credit system in Senaster Fattern for award of dages of MAA(English) (Cross years F.G. course) in the Faculty of Arts in the meeting held on 15th July, 2016 considered and approach the faculty of Bartie in the meeting held on 15th July, 2016 considered and approach the faculty of Bartie in the meeting held on 15th July, 2016 decided to meeting held in the senate of proteon value of the Matarashtra universities Act, 1994 do hereity issue the following Directions of English with Choice Based credit system in the Faculty of Arts. Direction, 2010. This Direction shall be alled "Examinations landing to the senate. 2010. This Direction shall come into force from the date of the senate. The course shall be of the duration of two neadernic years spread ever four semestates at shall have University examinations of the Matarashte. Direction and the momphism of the Senate of the counties of the counties of the senate of the senate of the senate of the offer duration of the senate of the senates of the senate of the senates. This		Gondwana University, Gadchiroli
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 Whereas, the Dean of the Faculty of Aris has concurred with the recommendations of the Board of Studies in English in the Faculty of Aris on 7th November. 2015. AND Whereas, the Board of Studies in English in the Faculty of Aris on its moeting held on 18⁶ March. 2016 decided to make amendments related to M.A.(English), first to have summater out Choice Baard Credit system in Senaster Fatuers for award of degrees of M.A.(English) (two years P.G. course) in the Faculty of Aris. MND Whereas, the Faculty of Aris in its meeting held on 15th Joly. 2016 convidences and approach the recommendations of Board of Studies regarding the syllabi of 1°. 11° and 10°. Senaster and approach the recommendations of Board of Studies regarding the syllabi of 1°. 11° and 10°. Senaster and enamination schemes of M.A. (English). WHEREAS, ordinance making is a time consuming process. Now therefore, 1, 10° N Concrete Vice Chancellor of Gondozana University. Gadehirolis in esensive of powers vested in me and Sociation 14(8) of the Maharashtra universities Act, 1994 do heredvis issue the following Directions. This Direction shall come into force hout the faculty of Arts. Direction, 2010. This Direction shall come into force hout the date of its issuance. The course shall be of the duration of two seadernic years spread over four semesters an shall have University examinations of the provisions of this Direction and other Ordinances in force from time to time, an applicant for admission to the each sametra. The course shall be of the duration of two seadernic years spread over four semesters and shall have University examination student-teachers shall be resensed as antiput to a during state the end of acet sametra. The minimum attendance of student-teachers shall be 75% for each semestar from time to time, an applicant for admission to the examination and they one-set Bachelon Degree in the relevant disciptine of this University or of any other Univ		21" July, 1994.
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 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 1° .11° .110° and 10° Semester and examination schemes of M.A. (English) AND WHEREAS, ordinance making is a time consuming process. New therefore, 1, 10° N Koncrete Vice Chancellor of Gondwana University, Gadehiroli in exercise of powers vested in me unde 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 Direction of Auto 4 English with Choice Based credit system in the Faculty of Auto. Direction, 2010" 2. This Direction shall come anto force from the date of its issume. 3. The course shall be of the duration of two academic years spread ever four somesters and shall have University examinations of this Direction and other Ordinances in force from time to time, an applicant for admission to the examination shall have neared Bachalu Degree in the relevant discipline of this University or of any other University recognized an equivalent.hiltherto. 6. The A.T.K.T. rules for admission shall be as given in the following table. 	Mary Choi	ch, 2016 desided to make amendments related to M.A.(English), first to last consister, with or Based Credit system in Senaster Fotiern for award of degree of M.A.(English) (Two)
 recommendations of Board of Studies regarding the syllable of 1° , 11° and 10° is Semester and examination schemes of M.A. (English) AND WHEREAS, ordinance making is a time consuming process. Now therefore, 1, 10 is V Semester Vice Chancellor of Gondwana University, Gadehiroli in exercise of powers vested in me unda Section 14(8) of the Maharashira universities Act, 1994 do hereby issue the following Directions 1. This Direction shall be called "Examinations leading to the Degree of Master of Auto 1 English with Choice Based credit system M.A.(English), first to bud semester in Choice Based Credit System in Semester Pattern in the Faculty of Auto Direction, 2010." 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 an 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 fere from time to time, an applicant for admission to the examination dull have possed Bachelo Degree in the relevant discipline of this University or of any other University recognized an equivalent. 6. The A.T.K.T. rules for admission shall be as given in the following table. 		
 AND WHEREAS, ordinance making is a time consuming process. Now therefore, 1, 16:55 V Kennesis Vice Chancellor of Gondwara University, Gadehiroli in exercise of powers vested in me unde 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 Dagree of Master of Auto 4 English with Choice Eased credit asstamM.A.(Laglish). first to but sensates in Choice Based Credit System in Semester Parties in the Taculty of Arts. Direction, 2010". 2. This Direction shall come into force from the date of its issuince. 3. The course shall be of the duration of two neademic years spread ever four semesters an shall have University examinations at the end of each semester. 4. The minimum attendance of student-teachers shall be 75% for each semester in fore from time to time, an applicant for admission to the examination shall have onesed Bachdon Dagree in the relevant discipline of this University or of any other University recognized an equivalent. Hitherto. 6. The ATXT rules for admission shall be as given in the following table. 	reges	mmendations of Board of Studies regarding the syllabit of Γ^{0} , Π^{el} , Π^{el} and \mathcal{W}^{0} Semesters
 Vice Chancellor of Gondwana University. Galchiroli in exercise of power vested in me unde Section 14(8) of the Maharashira universities. Act, 1994 do hereby issue the following Directions. 1. This Direction shall be called "Examinations leading to the Degree of Master of Arts i English with Choice Based credit systemM.A.(Faglish) first to lost semester in Choice Based Credit System in Semester Patters in the Faculty of Arts. Direction, 2010" 2. This Direction shall come into force from the date of its issuance. 3. The course shall be of the duration of two scademic years spread over four semesters an 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 Ordnances in fore from time to time, an applicant for admission to the examination dull have messed Bachelo Degree in the relevant discipline of this University or of any other University recognized of an equivalent hitherto. 6. The A.T.K.T. rules for admission shall be as given in the following table. 	and the second	
 Vice Chancellor of Gondwana University. Galchiroli in exercise of power vested in me unde Section 14(8) of the Maharashira universities. Act, 1994 do hereby issue the following Directions. 1. This Direction shall be called "Examinations leading to the Degree of Master of Arts i English with Choice Based credit systemM.A.(Faglish) first to lost semester in Choice Based Credit System in Semester Patters in the Faculty of Arts. Direction, 2010" 2. This Direction shall come into force from the date of its issuance. 3. The course shall be of the duration of two scademic years spread over four semesters an 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 Ordnances in fore from time to time, an applicant for admission to the examination dull have messed Bachelo Degree in the relevant discipline of this University or of any other University recognized of an equivalent hitherto. 6. The A.T.K.T. rules for admission shall be as given in the following table. 	10000	
 English with Choice Based credit systemM.A.(Faglish). first to but serventer in Choic Based Credit System in Sementer Pattern in the Faculty of Arts. Direction, 2010." This Direction shall come into force from the date of its issumce. The course shall be of the duration of two academic years spread over four semesters an shall have University examinations at the end of each semester. The minimum attendance of student-teachers shall be 75% for each semester. Subject to the compliance with the provisions of this Direction and other Ordinances in fore from finite to thing, an applicant for admission to the examination shall have proved Bachder Degree in the relevant discipline of this University or of any other University recognized an equivalent hitherto. The A.T.K.T. rules for admission shall be as given in the following table. 	Vice	Chancellor of Goudwana University, Gadelairoli in exercise of possess vested in me undo
 The course shall be of the duration of two academic years spread ever toor semesters an shall have University examinations at the end of each semester. The minimum attendance of student-teachers shall be 75% for each semester. Subject to the compliance with the provisions of this Direction and other Ordinances in fore from time to time, an applicant for admission to the examination shall have presed Bachelo Degree in the relevant discipline of this University are also used Bachelo Degree in the relevant discipline of this University or all my other University recognized an equivalent hitherto. The A.T.K.T. rules for admission shall be as given in the following table. 		English with Choice Based credit systemM.A.(English), first to last semester in Choice
 shall have University examinations at the end of each semester. The minimum attendance of student-teachers shall be 75% for each semester. Subject to the compliance with the provisions of this Direction and other Ordinances in fore from time to time, an applicant for admission to the examination shall have passed Rachder Degree in the relevant discipline of this University or of any other University recognized an equivalent hitherto. The A.T.K.T. rules for admission shall be as given in the following table. 	2.	This Direction shall come into force from the date of its issumer.
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 From time to time, an applicant for admission to the scamination shall have presed Bachelor Degree in the relevant discipline of this University or of any other University recognized an equivalent hitherto. 6. The A.T.K.T. rules for admission shall be as given in the following table. MacMackee PRINCIPAL 	42.5	The minimum attendance of student-teachers shall be 75% for each semiciter-
Dr. L.S. Ladke		from time to time, on applicant for admission to the examination shall have passed Bachelo Degree in the relevant discipline of this University or of any other University recognized a
Dr. L.S. Ladke	6.	The A.T.K.T. rules for admission shall be as given in the following table
Dr. L.S. Ladke		
Dr. L.S. Ladke		
Dr. L.S. Ladke		
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		Dr. L.S. Ladke
N.S. Science & Arts College Bhadrawati, Dist-Chandrapur		Prenda tais College

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Credit Points for M. A.

	Δ	ppendix-	A							
		RATHI								
Teaching and Subject		unse Schum		(CBCS) No.of Credits	T		Exami	nation Si	chame	-
				204000		and Pillur	n Marika	Mi	nimum 1 Mark	
	L	T/Others	Tr		ESU	T-IA'	Yotal	ESE	1A	Tenal
Semister 1			T		T			1		
CORE 1-अर्वाचीनकवितापान- १ (१८८५ ते १९४५)	4	2	1.0	(4+1)5	80	-30	100	32	98	40
CORE I I-साहित्यशास भाग—)	4	2		(4+1)5	80	20	100	32	08	40
ELECTIVE P. तथ भाग- १ (प्राचीन)	4	2	-	(4+1) 3	80	20	100	32	08	40
ELEXTERVE P. मराजीवैधारिकनिवंश जाम- १										
ELECTIVE P. HERRY ?	4	2	1	(4+1)5	80	20	100	32	08	40
ELECTIVE P.लोकरवटित्य आग- १										
Semister II					L	1.		ppen	dix-B	
CORE । -अर्वाचीनकत्तितागाग २ (१९४५ ते २०००)	4	2	•	(4+1)5	80	20	100	32	08	40
CORE I 1-साहित्यशास्त्र भाग	4	2	-	(4+1).5	80	20	100	32	08	40
ELECTIVE R गय भाग- २ (अवस्थित)	4	2		(4+1)5	80	20	100	32	08	40
KLECTIVE P. मराहीवैश्वासिक विवयः भाग- ३										
ELECTIVE P. II CONTRACT 2	4	2	1	(4+1) 5	80	30	100	32	00	40
ELECTIVE P.लोकजाहित्य भाग- २										

Semister III						Ap	pendix	-C		
CORE 1-प्राचीर— सध्यपुगीनसंग्रटीकविताभाग— १	4	2	1	(4+1) 5	80	20	100	32	08	4
CORE 11-মাশানিক্সনমায়— ং	+	2		(4+1) 5	80	20	100	32	08	-44
ELECTIVE P विशेषप्रंथकार : तुकारामधाग- १	*	2	•	(4+1)5	80	20	109	32	80	44
ELECTIVE P. विशेषप्रथवार : अण्णाभाऊमाठेभाग– १										
ELECTIVE P.मराठीवाड् मगाणाइतिहासभाग– १	4	1	*	(4+1) 5	80	20	100	32	U8.	- 40
(आरंभाषासून तेइ.स. १८१८ पर्यंत)										
ELECTIVE P.नवेवाइ मय प्रवाहभाग १ ः दलित व										
स्वीचादौसाहित्य										
Semister IV			-		-	-	App	endix	-D	-
CORE । -प्राचीन- यभ्यपुर्गनिमण्डीकवित्रामाग- २	4	2	15	(4+1) 5	80	20	100	12	08	40
CORE 11-भागाविझानभाग- २	4	2	-	(4+1) 5	80	20	100	32	OR	40
BLECTIVE P.विशेषप्रेयकार - तुकारामणन- २	4	2	14	(4+1)5	80	20	100	32	08	40
RLRCTIVE P विशेषप्रेश्वज्यर ः अपणाभाठनाठि भाग—३										
ELECTIVE P.मरातीवाट् मधाबाइतिहास भाग—२	4	2	-	(4+1):5	80	2.0	100	32	08	49
2026 it 2000)							-			
CLECTIVE P.नवेवाङ् भय जवाहमाग २ : ग्रानीण त										
नादिवासीयाहित्य										
Total			-	80	1	-	-	16	00	-

 Nate := Lecture
 T- Totorial
 P-Prescription
 ESE: End Summerier Examination
 LA- 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.

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Appendix-A

Subject	Col	ase Scheme		No. of Credits		Ea	aminati	on Scl	iems:	
					Mas	din um	Marks	, p	Minin	
M.A. English Semister I	L	T/others	P		EST	1A	Tota			Tota
CORET- CC 1	4	2	-	5	80	20	100	32		40
COREII-CC2	4	3		5	80	20	100	32	08	40
ELECTIVE PBC 1		-	+	-	-	-	-	+	-	-
BLECHVED -BC2	4	-2	-		- 80	20	100	32	08	40
ELECTIVE P -EC 3					35	120	100	34	10	49
ELBCY(VEPEC4				1		1		1		-
ELECTIVE P EC 5	4	2	-	5	80	20	100	32	08	.40
ELECTIVE P. +866										
Semister II		1	-			App	endix-I	8	-	-
CORE1- CC3	4	2	1	5	80	20	100	32	08	40
CORE 11-CC4	4	2		5	80	20	300	32	08	40
ELECTIVE A -DC 7			-		-	-	-	-	-	-
BLECTIVE P -BC #	4	2.		3	80	20	100	32	08	40
FLECTIVE PEC 9					- ONI	1	100	36	08	40
ELECTIVE P4C 10										1
FLECTIVEP, SEC 11	4	2		5	80	20	100	32	08	-40
ELECTIVE PEC12										
Semister III					-	-		Ann	endix-	c
COREI- CCS	4	2		5	80	20	100	32	08	40
CORELL-CC 6	4	2	+.;	5	-80	20	103	32	08	- (0
ELECTIVE P EC 19			-		-	-	-	200		363
ELECTIVE PDC 14	4	2	49	5	80	20	100	-	1	0.000
ELECTIVE P PC 15		-		-		1 A A	ive	32	08	40
FLECTIVE PBC 16	1.12.24									
ELECTIVE P - FC 17	4	2	1	5	80	20	100	32	08	40
ELECTIVE FECIS					_					
Semister IV CORE 1- CC 7	4							Apr	sendix	-D
	in the second	2	-	5	80	-20	100	32	08	40
CORETT-CC 8	4	2	•	5	\$0	20	100	32	08	40
ELECTIVE PEX. 19								-		-
ELECTIVE P6C 20	+	2	-	5	80	20	105	32	08	40
ELECTIVE P EC 21					22	188	1222	10		in .
ELECTIVE P BC 22										
SLUCTIVE P -EC 23	<u>*</u>	2	•	5	80	20	100	32	08	40
LECTIVE P RC24										
Totni			T	80			1609	-	-	-

M.A.ENGLISH Teaching and Examination Scheme(CBCS)system

 Tatal
 80
 1609

 Nate : 1- Lecture 1- Tutarial/others- BSSignment/presentation of one credit for each paper is prescribed in each semester.
 P. Precticel
 ESE- End Semester Psamination 1A- Internal Assessment/Two Core Papers And Two Flective Papers to be opted by students each remester. If a student opts his part of a raper he shall opt lind part of the same paper in the next semester.
 Tutation is a student opts his part of a raper he shall opt lind part of the same paper in the next semester.

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Shadrawati, Dist-Chandrapur

Choice Based Credit System for M. Sc.

hased Credit choice For M.Sc. Gondwana University Gadehiroli FACULTY OF SCIENCE DIERCTION NO. 207 OF 2016 EXAMINATIONS LEADING TO THE DEGREE OF MASTER OF SCIENCE, SEMESTER PATTERN WITH CHOICE BASED CREDIT SYSTEM, DIRECTION, 2016. (Issued under Section 14(8) of the Maharashtra Universities Act, 1994) Whereas, the Maharashtra Universities Act, 1994 (hereinafter referred to as the Act) has come into force from 21st July, 1994 and was amended from time to time, Whereas, the University Grants Commission, New Delhi vide letter No.D.O.No.F-1-1/2015 (CM) dated January 2015 to introduce Choice Based Credit System at the earliest from the academic session 2015-16 to provide option to students and also seamless mobility across the institutions. AND Whereas, the Board of Studies in all the Science subjects in their meetings held during 24.4:2015 prepared the syllabi and scheme of examinations for the M. Sc. courses and recommended for starting of the Choice Based Credit System in the Faculty of Science from the academic session 2015-16, AND Whereas, the faculty of Science in its meeting held on 20.5.2015 vide item No. 16, has considered, accepted and recommended to Academic Council, the policy decision regarding introduction of Choice Based Credit System and the Draft syllabi of M. Sc. Semester-I to IV with Draft Direction and other details. Whereas, the Academic Council in its meeting held on 23/08/2016 vide has considered, accepted and recommended to Management Council, for M.Sc., along with Draft Direction and other details Whereas, the Management Council in its meeting held on 24/08/2016 vide has considered, accepted the Draft Direction and other details. Whereas, the new Draft Direction and scheme of examinations as per semester pattern are to be implemented from the Academic Session 2016-17 for M.Sc. semester 1 and onwards which is to be regulated by this Direction and as such there is no ordinance in existence and framing of an Ordinance for the above examinations is a time consuming process AND Whereas, the admission of students in the Choice Based Credit System at M.Sc. Somester I are to be made in the Academic Session 2016-17. AND Whereas, ordinance making is a time consuming process, Now, therefore, I, Dr. N.V. Kalvankar, Vice Chancellor Gondwana University, Gadehiroli in exercise of powers vested in me under Section 14(8) of the Act, do hereby issue the following Directions :-This Direction may be called " examinations leading to the Degree of Master of Science, Semester Pattern with Choice Based Credit System, Direction, 2016" This direction shall come into force from the date of its issuance. The duration of the M. Sc. course shall be of two academic years consisting of four semesters with the University examinations at the end of each semester detailed in the following table. 3. a) M. Sc. Semester | Exam, b) M. Sc. Semester II Exam, M. Sc, Semester III Exam, and C) adke d) M. Sc. Semester IV Exam Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawsti, Dist-Chandrapyr TABLE

Sr. No.	Name of the examination	Main Examination	Supplementary Examination	
-		3	4	
1	2	Winter	Summer	
1	1 Semester 1, 111	Summer	Winter	
1	Senuster II. IV	7200300000		

ELICIBILITY TO THE COURSE:
 4. 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 Course and examinations thereof.
 Eligibility for Semester 1

	A For M.Sc. (Physics) B. For M.Sc. (Chemistry)	For admission to the M. Sc. Semester 1 in Physics, a condidate shall have offered Physics as one of the subjects at the qualifying B.Sc. Examination. For admission to the M. Sc. Semester Lin Chemisus, a condition shall have offered Chemistry. Industrial Chemistry as one of the subjects of the qualifying
	THE REPORT OF A DECK	B.Sc. Fermination
	C For M.Sc. (Mathematics)	For admission to the M. Sc Semester I in Mathematics, a candidate shall have offered Mathematics as one of the subjects at the qualifying B.Sc. Examination.
	D For M Sc (Computer Schman)	For admission to the M. Sc. Semester I in Computer Science, a condidate shall have othered Computer Science as one of the subjects at the pialifying B.Sc evanitination or with Post B.Sc. diploins control in Computer Science of Gondwang University or any other summary university with optional subjects Computer Manuferance / B.Sc. (Information Technology) (B.C.A.MCA). "Studied Mails subject to B.Sc. level.
	E For M.Sc. (Electronics)	For admission to the M. Sc. Semester I in Electronics, a candidate shall have othered Electronics / Computer Maintenance/ B.Sc. II and BCA as one of the subjects at the Qualifying B.Sc.; B.Sc. II and BCA Examination.
	F For M.Sc. (Briany)	For admission to the M. Sc. Semister I in Bolany, a cardilate shall have offered Bostoy is one of the subjects at the qualifying B.Sc. Examination / B.Sc. Amouture science:
	G For M.Sc (Zoology)	A montrur science. For admission to the M. S. Senaster I in Zoology, a candidate shall have offered Zoology at one of the subjects at the qualifying B Sc Examination.
	H. For M.Scr(Microbiology)	For adortistion to the M. Sc. Semester, I in Microbiology a condition duell have affected Microbiology Biorectinology of a onlyter of analy in qualifying B Sec. FA approxim
1	1 For M.Sc. (Biochemistry)	For admission to the M. Sc. Semaster I in Biochemistry, a candidate shall have offered Chemistry and Biochemistry as subjects of study at B.Sc. Examination
flad		For scheres of study if D.R. Echenesis I in Biotechnology, a For scheresion to the M. So. Scheres: gradows / Versitially candidate shall be a Mic Science: gradows / Versitially Fishers Sciences / Plannacy / Engineering Technology Fishers Sciences / Plannacy / Engineering Technology Madrong (MBDS)+ScD.S. U.Se. Agriculture Science

- b) The candidates who have cleared first and second semester of Part I of the Credit Based Semester Pattern examinations in the concerned subject shall get admission to Third Semester of Part II of the Choice Based Credit System directly. However, candidates who are allowed to keep term will not be eligible for admission to Third Semester of Part II of the Choice Based Credit System unless they clear all the papers and practical of first and second semister of Part I of the Credit Based Semister Pattern examinations.
- 15. Absorption scheme for failure students of annual pattern:

The candidates who have cleared first year of annual pattern shall get admission to Semester III of the Choice Based Credit System directly. However, candidates who are allowed to keep term will not be eligible for admission to Third Semester of the Choice Based Credit System unless they clear all the papers and practical of First year of the annual pattern examination.

16. The ATKT rules for admission for the M. Sc. Course (Theory, Practical and Seminar etc. as separate passing head and on calculation fraction, if any, shall be ignored) shall be as given in the following table

Admission to Semester	Rules
Semester 1	As provided in the para 4 of the Direction
Semaster II	Candidate should have appeared in semester 1 of University Examination.
	For Practical Subjects: Condidate should have passed at least 8 papers out of 12 in semester I and II together including practicals. For Non-Practical Subjects (Example Maths): Condidate should have passed at least 6 papers out of 10 in semester I and II together.
	Candidate should have appeared in at least one paper of semester III of University Examination.

Gadchiroli. Date :- 24 / 08 /2016.

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Dr. L. S. Ladke N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

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

Credit Points for M. Sc.

	for M.Sc. Program in all sub Core Course	Ability Enhancement	Bas	the second se
SEM 1	Core 1: Th. Paper 1 (4) Credits) (4 Hours Week)	Seminar F() Credit) (2 (Hours Week)		
eme	Core 2 Th. Paper 2(4) Credits) (4)Hours/Week) Core 3 Th. Paper 5 (4) Credits) (4)Hours/Week) Core 4 Th. Paper 4 (4)			an a
	Credits) (4 Houns Week) Pritel, Core Pr. 1 (Based on Core Th. 1&2) (4 Gredits) (3-9) Heart Week)			
Tatal	Pract, Core Pr. 2 (Based on Core Th. 3&4) (4 Credits) (3-8 (Journ Week) 25 Credits			
Total	25 Creans			Appendi
	Core Subject	Ability Enhancement	02.50	II Discipline sed Specific Elect
SEM H	Core S'Eh, Paper 5 (4 Cogdres (4 Hours Work)	Seminar II (1 Credit) (2 Hours/Week)		
	Core 6 Th. Paper 6 (4 Credits) (4 Hours/Weck) Core 7 To. Paper 7 (4 Credits)			
548	Core 8 Th. Paper 8 (4 Credits) (4 Hours/Week) Pr. Core Pr. 3 (Based on Core Th. 5306 (4 Credits			
	(3-8 Hoars Week) Pr. Core Pr. 4 (Based on Core Th. 7:68) (4 Credin)			
	(3-8 Hours Week)	and the second se	64 ·	

Appendix-4

	Core Subject	Ability Enhancemen	Skill Enhancement Course	Discipline Specific Elective
SEM III	Core 9. The Paper 9 (4. = Credits) (4 Hours Wetk)	Seminar III (1 Credit) (2	Foundation Course I (SEC	Core Elective I (DSE I) Th. Paper
		Hours Work)	 Paper 12 (4€redits) (4 Hours(Week) 	14 (4 Credits) (4 Hours Week) Pr. Core Elective I
ine i granec	Core 10 Th. Paper 10(4 Credits) (4 Hours/Week)			DSE I) Practical ((DSE I) Practical ((4 Credits) (3-8 Hours/Week)
	Pract. Core Pr. 5 (Based on Core Th. 96 ft) (4 Creditor (3.8) (HometWeek)	13 人名普西 1 在 1 不 10		

Course	Core Subject	Ability Enhancement	Skill Based Course	Discipline Specific Elective
SEM IV	Core 11, 15, Paper 13 (4 Credits) (4 Hours Week)	Project 70issertation (4 Credits) (3-8 Flours/Week)	Foundation Course II (SFC II) Th. Paper 16 (4 Credits) (4 Hours/Wsek)	Core Elective ff (DSF fb) Th. Paper 15 (4 Crodits) (4 Hours Week)
	Core 12 Th. Paper 14 (4 Credits) (4 Hours/Weck)	Seminar IV (1 Credit) (2 Hours/Week)		
	Pr 7 Based on Core Th. Paper 11 (12 & Core Elective II (DSE H) C4 Credits1 (3-8) Hours Week)			

Total 25 Credits
Note: Th = Theory: Pr = Practical/lab.
The Practical and Project/Dissertation shall be evaluated by both the External and Internal and Internal

Appendix-5 Scheme of teaching and examination under semester pattern Choice Based Credit System (CBCS) for M.Sc. Program in Mathematics.

Ability Enhancement	Skill Based Course	Discipline Specific Elective
Seminar I (1 Credit)	Strate and the	ATTACK AND
Seminar II (1 Credit)		Internet States
Seminar III (1 Cred.t)	and the second second	A COMPANY IN ALL STREET
Seminar TV (1 Credit)		
Seminar V (1 Credit)		Success Paris and
	Seminar I (1 Credit) Seminar II (1 Credit) Seminar III (1 Credit) Seminar IV (1 Credit)	Course Seminar I (1 Credit) Seminar II (1 Credit) Seminar II (1 Credit) Seminar IV (1 Credit)

Total 25 Credits

Appendix-6

	Core Subject	Ability Enhancement	Skill Based Course	Discipline Specific Elective
SEM II	Core & Th. (4 Cree	and the second	it)	STORAL DURING COMP.
Contraction of the	Core 7 Th.t4 Cro			
HUS STATE	Core STL (4 Cre	difs) Saminar VIII	101 124 74WZ	All and a star
Sil	Core 9 Th. [4 Crea	The second secon		
		() Credit)		Carl State Constitution
	Cors 10 Th (CC):	(i) Seminar X (1 Cred.		
Total 25 (Credits			
Total 25 (Core Subject	Ability Enhancement	Skill Enhancement Course	and a second
SEM III	Core Subject	Ability Enhancement	Ditting .	Discipline Specific Elective Core Elective I
	Core Subject		Enhancement Course Foundation Course I (SEC	Discipline Specific Elective Core Elective I (DSE I) Th. Paper
	Core Subject		Enhancement Course Foundation Course I (SEC I) Th. Paper	Core Elective I
	Core Subject	Seminar XI() Credit)	Enhancement Course Foundation Course I (SEC I) Th. Paper IS (4 Credits)	Discipline Specific Elective Core Elective I (DSE I) Th. Paper
	Core Subject		Enhancement Course Foundation Course I (SEC I) Th. Paper	Discipline Specific Elective Core Elective I (DSE I) Th. Paper 14 (4 Credits)
	Core Subject	Seminar XI() Credit)	Enhancement Course Foundation Course I (SEC I) Th. Paper 15 (4 Credits) Seminar (SEC	Discipline Specific Elective Core Elective I (DSE I) Th. Paper 14 (4 Credits) Semiaar XIV
	Core Subject	Seminar XI() Credit)	Enhancement Course Foundation Course I (SEC I) Th. Paper 15 (4 Credits) Seminar (SEC I) XV (1	Discipline Specific Elective Core Elective I (DSE f) Th. Paper 14 (4 Credits) Semisar XIV

Total 25 Credits

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Course	Core Subject	Ability Enhancement	Skill Based Course	Discipline Specific Elective
SEM IV	Core 14 Th. Paper 16 (4 Credits)	Project/Desertation (5 Credits)	Foundation Course II (SEC II) Th, Paper 20 (4 Credits)	Core Elective II (DSE-II) Th Paper 19 (4 Credits)
	Core 15 Th. Paper 17 (4 Credits) Core 16 Th. Paper 18 (4 Credits)			

Note: Th = Theory;

Project/Dissertation shall be evaluated by the Internal and External Examiner in the respective University Department / Center / Affiliated College.

Appendix-9

Appendix-8

Scheme of teaching and examination under semester pattern Choice Based Credit System (CBCS) for M.Sc. Program in all subjects except Mathematics.

Semester I

		Tea	ching S	cheme			Exe	minati	ion Sch	ieme	
	Theory / Practical		Hrs/ we	ek	Credit	ii.	Max. Marks			Minimum Marks	
Code		Theory	Practical	Total		Duration in hrs.	External	Internal	Total	Theory	Practical
Core 1	Paper 1	4	-	4	4	3	80	20	100	40	2002
Core 2	Paper 2	4		4	4	3	80	20	100	40	-
Core 3	Paper 3	4		4	4	3	80	20	100	40	-
Core 4	Paper 4	4		4	4	3	80	20	100	40	-
Pract. Core 1 & 2	Practical 1	12	8	8	4	3-8*	80	20	100	40	40
Pract. Core 3 & 4	Practical 2	-	8	8	4	3-8*	80	20	100	40	40
Seminar 1	Seminar 1	2	-	2	1	-		25	25	10	-
TOTAL		18	16	34	25		480	145	625	170	80

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Semester II

		Tea	ching S	cheme			Exa	minati	on Sch	eme	
	Theory / Practical		Hrs/ we	æk	Credit	Duration in hrs.		lax. arks		Minimur Marks	
Code		Theory	Practical	Total			External	Internal	Total	Theory	Practical
Core 5	Paper 5	4	-	4	4	3	80	20	100	40	-
Core 6	Paper 6	4	-	4	4	3	80	20	100	40	
Core 7	Paper 7	4	4	4	4	3	80	20	100	40	-
Core 8	Paper 8	4	121	4	4	3	80	20	100	40	-
Pract, Core 5 & 6	Practical 3	-	8	8	4	3-8*	80	20	100	40	40
Pract. Core 7 & 8	Practical 4	-	8	8	4	3-8*	80	20	100	40	40
Seminar 2	Seminar 2	2	-	2	1			25	25	10	
TOTAL		18	16	34	25		480	145	625	170	80

Appendix-11

Semester III

		Tea	ching S	cheme			Exa	minati	on Sch	eme	
	Theory / Practical		Hrs/ we	æk	Credit	Duration in hrs.	Max. Marks			Minimum Marks	
Code		Theory	Practical	Total			External	Internal	Total	Theory	Practical
Core 9	Paper 9	4		4	4	3	80	20	100	40	-
Core 10	Paper 10	4	-	4	4	3	80	20	100	40	-
Core Elective 1	Paper 11	4	-	4	4	3	80	20	100	40	-
Foundation Course 1	Paper 12	4	•	4	4	3	80	20	100	40	
Pract. Core 9 & 10	Practical 5	-	8	8	4	3-8*	80	20	100	40	40
Pract. Core Elective 1	Practical 6	-	8	8	4	3-8*	80	20	100	40	40
Seminar 3	Seminar 3	2	-	2	1			25	25	10	-
TOTAL		18	16	34	25		480	145	625	170	80

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Semester IV

		Tea	ching S	cheme			Exe	minat	ion Sch	eme	
	Theory / Practical		Hrs/ we	eek	Credit	Duration in hrs.	Max. Marks			Minimum Marks	
Code Core 11		Theory	Practical	Total			External	Internal	Total	Theory	Practical
Core 11	Paper 13	4		4	4	3	80	20	100	40	-
Core 12	Paper 14	4	-	4	4	3	80	20	100	40	-
Core Elective 2	Paper 15	4		4	4	3	80	20	100	40	-
Foundation Course 2	Paper 16	4	+	4	4	3	80	20	100	40	1
Pract. Core 11, 12 & Elective 2	Practical 7	-	8	8	4	3-8*	80	20	100	40	40
Project	Project		8	8			80	20	100	-	10
Seminar 4	Seminar 4	2	-	2	1	U.T.	00	10	100	-	40
TOTAL		18	16	34	25		480	145	625	170	80

Appendix-13

Scheme of teaching and examination under semester patter Choice Based Credit System (CBCS) for M.Se. Program in Mathematics.

Coqe Theory / Practical	etical	E Weck)			Credits			Examination Scheme														
	Theory / Pra	4	Total	Theory	nihar otal		ueory ninar		wory		ainar		Theory Seminar		winar		Tatal Duration in brs. arks arks		. Marks	Total Marks	Pa	imam sing arks
					F	Se		Durat	Kuteru al Marks	littern al Asst	Teta	La. Katera	Intern al Ass.									
Core 1	Paper 1	5	5	4	1	5	3	100	25	125	1	50										
Core 2	Paper 2	5	5	4	1	5	3	100	25	125	1	50										
Core 3	Paper 3	5	5	4	1	5	3	100	25	125	3	0										
Core 4	Paper 4	5	5	4	1	5	3	100	25	125	5	0										
Core 5	Paper 5	5	5	4	1	5	3	100	25	125		0										
	TOTAL	25	25	20	5	25	-	500	125	625	2	50										

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Code Theory / Practical	ctical	Teaching scheme (Hours/ B Week)			Credits			Examination Scheme					
	Ibeory / Pra	п	Total	Theory	Seminar	Total	Duration in hrs.	Max	Marks	Total Marks	Pa	imum ssing arks	
				F	Se		Durah	Extern al Marks	latera al Asst.	Tota	Extension in the second	Intern.	
Core 6	Faper 6	5	5	4	1	5	3	100	25	125		50	
Core 7	Paper 7	5	5	4	1	5	3	100	25	125	:	50	
Core 8	Paper 8	5	5	4	1	5	3	100	25	125		50	
Core 9	Paper 9	5	5	4	1	5	3	100	25	125	3	50	
Core 10	Paper 10	5	5	4	1	5	3	100	25	125	-	50	
	TOTAL	25	25	20	5	25	-	500	125	625		50	

ester II for M.Sc. Program in Mathematics

Appendix-15

	ctical	sc (H	heme lours/ /cck)		Credi	ts			Examina	tion Sch	lemė	
Code Core 11 Pr	Theory / Practical	Ē	Total	Theory	Seminar	Total	Duration in hrs.	Max.	Marks	Total Marks	Pa	imum ssing arks
				T	1.000		Durat	Extern al Maries	latera al Ast	Tota	La Batern Batern al	Intern ul.Ass.
Core 11	Paper 11	5	5	4	1	5	3	100	25	125	1	50
Core 12	Paper 12	5	5	4	1	5	3	100	25	125	50	
Core 13	Paper 13	5	5	4	1	5	3	100	25	125		0
Discipline Specific Elective I	Paper 14	5	5	4	1	5	3	100	25	125	đ	0
Skill Enhancement	Paper 15	5	5	4	1	5	3	100	25	125	5	0
	TOTAL	25	25	20	5	25	-	500	125	625	2	50

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Illustration for SGPA

Code	Theory/Practical	Credits	Marks Obtained	Out of	Grade Point	Grade Letter	Credit Points
Caral							(Credit x Grade Points)
Core 1	Paper 1	4	91	100	9	0	4x9=36
Core 2	Paper 2	4	89	100	8	A+	4x8=32
Core 3	Paper 3	4	50	100	4	C	4x4=16
Core 4	Paper 4	4	78	100	7	100	
Practical	Practical Core 1 & 2	4	89	100	8	A A+	4x7=28 4x8=32
Practical	Practical Core 3 & 4	4	85	100	8	A+	4x8=32
Seminar1	Seminar]	1	46	50	9	0	
	Total A =185/25 = 7.4	25		-14	2	U	1x9-9 185

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. $CGPA = \Sigma (Cl x Si) / \Sigma Ci$

where Si is the SGPA of the i^a semester and Ci is the total number of credits in that semester. Illustration for CGPA

Semester 3 Credit : 25 SGPA: 5.69	Semester 4 Credit : 25
	Crean : 25
	SGPA: 6.31
5 x 5.69 + 25 x 6.31= 211.5 +	+195.15 + 142.25 + 157.7
	100
	GPA = 7.06

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts. For example 7.0765 = 7.08 or 6.5168 = 6.52 etc.

Transcript (Format): Based on the above recommendations on Latter grades, grade points and SGPA and CCPA, the HEIs may issue the transcript for each semaster and a consolidated transcript indicating the performance in all semasters.

The course code may be given as follows for different courses

and a constant and a second

		r-Postgraduate; S-Science
PSFC01	-	Foundation Course
PSCHT01		Chemistry theory
PSCHP01		Chemistry Practical
PSPHT01		Physics theory
PSPHT01	1.1	Physics Practical
PSBOT01	5	Botany Theory
PSBOP01	-	Botany Practical

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Dr. L. S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawsti, Dist-Chandrapur

Eligibility Criteria by Affiliating University for

Award of Ph. D.

GONDWANA UNIVERSITY, GADCHIROLI

DIRECTION NO. 17 OF 2019

"ELIGIBILITY CRITERIA AND PROCEDURE FOR REGISTRATION OF CANDIDATES, ALLOTMENT OF SUPERVISORS/GUIDES AND RESEARCH TOPICS, SUBMISSION OF THESIS AND ITS EVALUATION FOR THE AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY, 2016 (AMMENDMENT) Direction 2019"

(Issued under 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 Massin 2017(herein after referred to as the Act);

AND

Whereas, the above said Act is applicable to the Gondwana University, Gadehiroli;

AND

Whereas, it is the duty of Board of Deans as provided under section 37 (2) (b) (IV) to undertake the task in Research matters;

AND

Whereas, the University Grants Commission, in suppression of the UGC (Minimum Standards & Procedures for Awards of Ph D. Degrees of the universities) Regulation, 2009, has issued University Grants Commission (Minimum Standards & Procedures for awards of M.Phil./Ph.D. Degree) Regulations, 2016 vide its Notification dated 5th May 2016 published in the Gazette of India No.278, Part III - Section 4, dated 5th July 2016, necessitating issuance of new Direction regarding Minimum Standards & Procedures for award of the Ph.D. Degree,

AND

Whereas, a three member committee was constituted vide item no. 32 in the meeting of Academic Council on dated 2nd November 2018 to suggest

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Dr. L.S. Laune PRINCIPAL N.S. Science & Arts College Bhattrowett, Dist Chandrapur the effective measures for conducting PET examination, procedure for Ph. D. admission and allocation of supervisor and recognition of Ph. D. supervisor;

AND

Whereas, the recommendation of the above said committee were accepted vide item No. 8(2) in the meeting of Academic Council on dated 25th February 2019;

AND

Whereas, the matter is required to be executed with immediate effect.

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

- This Direction shall be called "ELIGIBILITY CRITERIA AND PROCEDURE FOR REGISTRATION OF CANDIDATES, ALLOTMENT OF SUPERVISORS/ GUIDES AND RESEARCH TOPICS, SUBMISSION OF THESIS AND ITS EVALUATION FOR THE AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY, 2016 (AMMENDMENT) DIRECTION 2019" (Hereinafter referred to as "the Direction").
- This Direction shall come into force with effect from the date of its issuance.
- 3. Scope:-
 - a) This Direction shall govern the process of Enrolment, PET examination and award of Ph.D. degree in all the faculties in the University;
 - b) This Direction shall apply to the university / (institutions/conducted colleges/constituent colleges), every affiliated college of the university and an institution recognized by the university for the purposes of research.
 - 4. Definitions:-

In this Direction, unless the context requires otherwise:-

a) "Act" means the Mahurashtra Public Universities Act, 2016.

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- b) "Board of Studies" means a Board for a particular subject or a group of subjects constituted as per provisions of the related Section:
- c) "College" means a college as defined under the related Section of the Act,
- d) "Faculty" means a faculty constituted as per the provisions of the related Section of the Act,
- e) "Head, Place of Research" means the Head of the Department of the University/Principal of the College/ Director of the Institute;
- "Place of Research" means all the post-graduate teaching departments of the University and includes any other place which is duly recognized as the place of research by the University;
- gj "Ph.D. Entrance Test (PET)" means the entrance test conducted by the Gondwana University, Gadchiroli in accordance with the (applicable) rules framed by the University in this regard;
- Post Graduate Department" means a department in a college or institution of higher learning, research, or specialized studies, recognized to be so by the university and imparting post-graduate instruction of guidance for research and includes the postgraduate teaching department of the University;
- "Supervisor" means a Ph.D. supervisor who is recognised as Ph.D. supervisor and "External Supervisor" means a Ph.D. supervisor who is recognised as a Ph.D. supervisor in the university but is not a full time regular teacher of the University/Institution/College, and
- j) "University" means the Gondwana University, Gadchiroli,

5. Eligibility Criteria for admission to Ph.D. Programme:

Subject to the compliance with the requirements of this Direction, an applicant, fulfilling the eligibility criteria as recommended by the subcommittee for the purpose and approved by the Academic Council which is appended with this Direction as Appendix-I, shall be eligible to Enrol for PET examination.

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6. Procedure for Ph. D. admission and allocation of supervisor:

Subject to the compliance with the requirements of this Direction, an applicant after qualifying PET examination shall have to follow procedure as recommended by the sub-committee for the purpose and approved by the Academic Council which is appended with this Direction as Appendix-I, shall be eligible to be admitted for Ph. D.

7. Recognition of Ph. D. supervisor:

Subject to the compliance with the requirements of this Direction, an applicant desirous of supervising research study/studies, shall fulfil the eligibility criteria as recommended by the sub-committee for the purpose and approved by the Academic Council is appended with this Direction as Appendix-I, shall be eligible to Enrol for PET examination.

- 8. The relevant provisions as specified in Ordinance No 55 of 2017, 87 of 2017 and 105 of 2017 stands repealed due to issuance of this Direction. However for rest of the matters pertaining to Ph.D. registration and award, various other provisions as applicable and specified in Ordinance No 55 of 2017, 87 of 2017 and 105 of 2017 shall remain in force.
- 9. For any other matter pertaining to Ph.D. registration and award which is beyond the purview of this Direction and Ordinance Nos. 55 of 2017, 87 of 2017 and 105 of 2017, shall be referred to the Vicechancellor and that the decision in the regard by the Vice-chancellor shall be final and binding to all the concerned.

Dr. N. V.

Vice Chancellor

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Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

Place: Gadchiroli Dute: 3/08/2019

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APPENDIX-I

GONDWANA UNIVERSITY, GADCHIROLI

(Established by Geverancer of Reductation Solitication No.2007(322:07) UNI-4 Dated 278 Sept. 2013. Presently a Nute University grounded by Matanadura Public Universities Act. 2016 (Matanadura Act. No. 916) 7217

Rules for conducting Online Ph.D. Entrance Test (PET) for Registration of the Degree of Doctor of Philosophy (Ph.D.)

- University will conduct Online Ph.D. Entrance Test (PET) for registration of Degree of Doctor of Philosophy
- To be conducted centrally by the Gondwana University, Gadchiroli
- To be conducted Once in a year
- · Applications should be invited online
- External Agency should be appointed by the University which will generate Roll Numbers and Admission Cards and will conduct the PET exam online on behalf of the Gondwana University, Gadchiroli
- Admission Cards shall be provided Online to the candidates.

PET Syllabus

- PET will have one paper with two sections Section A & Section B
- Section A 50 Questions 100 Marks
- Section B.- 50 Questions 100 Marks

Section A- General Aptitude

Note: common to all candidates and medium will be in English / Marathi.

Paper Co	urse Structure:	
· Log	Ical Reasoning	10 Marks
	merical Ability	10 Marks
	lytical Reasoning	20 Marks
	guage	10 Marks
	itude Test	10 Marks
 Apt Get 	teral information Awareness of Environment	10 Marks
	areness of Computer	10 Marks
	earch Methodology	20 marks
 Ret 	Sence meetingering k	

Section B- Subject Specific

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Based on specific subject in the relevant faculty.

Paper Course-

The Paper Course for Section 8 shall be as per the prescribed for the respective P.G. course of the Gondwana University. The syllabi will be displayed on the University Website.

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General Instructions

-Duration of Examination - 2 Hours (One hour for each section)

Mandatory to score minimum 50% marks in aggregate for passing the PET exam. However for the reserved category student S.C. /S.T./ D.T. /N.T. / S.B. C. / O.B.C. (Non Creamy Layer) / SEBC etc., minimum passing will be of 45%.

-Question Bank Committee will be formed by the University & will carry out the work of preparation of Question papers for the Section A & Section B.

-Total Questions in the bank will be minimum 10 times of the total number of questions in a paper in a particular section.

-The appointed External Agency will make the questions available Online at randomly from the Question Bank.

PET will be conducted online at the specified examination centres

The validity of PET will be of 3 years. .

Rs. 1000/- for Open Category students and Fees for PET Examination-Rs. 650/- for Reserved Category students

Exemption / Relaxation from the PET

- · The candidate who have passed UGC- NET (including GRF)/ UGC-CSIR (including GRF)/SLET/GATE/Teacher fellowship holder will be exempted from PET.
- The Candidates who have passed M.Phil, Exam. (Regular mode admission to M.Phil. programme through entrance examination) shall be exempted from PET.

Eligibility criteria for PET Exam

The candidate should have passed a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' In the UGC 7-point scale (or an equivalent grade in a 7-point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

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A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/VINT/SBC/OBC (non-creamy layer) / Differently-Abled and other categories of candidates as per the decision of the Commission from time to time or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

Candidates who have cleared the M.Phil. course with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and successfully completed the M.Phil. Degree shall be eligible to proceed to do research work leading to the Ph. D. Degree in the same institution in an integrated programme. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC(non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

Procedure for Ph. D. admission and allocation of supervisor:

There shall be a Research Advisory Committee (RAC) for every subject. The constitution of the committee shall be as under:

a) For University Departments/Centers:

I) Head of the concerned Department / Center - Chairperson ii) One subject expert (must be recognized supervisor) Nominated by the Head of the Department / Center - Member iii) Research Supervisor of the concerned subject - Member Secretary

b) For Affiliated/Autonomous Colleges:

i) Principal - Chairperson

ii) HoD of the concerned subject - Member
 iii) One subject expert (must be recognized supervisor)- Member
 (to be nominated by the Principal)
 iv) Research Supervisor of the concerned subject - Member Secretary

The eligible candidate shall apply to the Research Center (RC) for admission to the Ph.D. programme in the prescribed format on or before 1st December every year. The RC shall prepare and display the list of eligible candidates along with the schedule of the interview. The schedule of the interview shall be notified 15 days in advance.

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Dr. LS. Ladke PRINCIPAL S. Science & Arts College Rhadrawati, Dist. Chendraput The Candidate shall have to appear for interview before the Research Advisory Committee (RAC) for discussing proposed research interest / area of doctoral degree. The allocation of research supervisor for a selected research scholar shall be decided by the concerned RAC depending on the number of scholars per research supervisor, the available specialization among the supervisors and research interests of the scholars as indicated by them at the time of interview.

In case if RAC feels that topic selected by the candidate is interdisciplinary then a cosupervisor may be allowed who must be the recognized supervisor of the University. The Research Advisory Committee shall take care of reservation policy of the State while allocating the supervisor/s.

The Research Center (RC) shall display the list of selected candidates along with the allocated supervisors who shall be acting as internal evaluators for the Ph.D. thesis. After the interview process, the selected candidate shall confirm the admission by paying the prescribed fees and depositing essential original documents, on or before 31st December of the year.

Recognition for Ph.D. Supervisor:

Must possess Master's Degree in the relevant subject.

Must have Ph.D. in the relevant subject/area in which recognition is to be sought. Regular Professor of the University/College having at least five research publications in the referred journals

-Regular Associate Professor of the University/College with a Ph.D. degree and at least two research publications in the referred journals

Assistant Professor at PG level in the University having teaching experience of two years and two research papers in the referred journals

Assistant Professor at UG level in colleges with Ph.D. and should have teaching experience of five years and two research papers in the referred journals

-Five years of working experience as a Librarian / Director of Physical Education with at least two research publications in the concerned subject in the referred journals

-A person working in institute/organization, in the private or public sector, with not less than ten years of experience as a scientist with Ph.D. Degree and having published at least five research papers in the referred jeurnals.

Students Count -

803

Professor: Associate Professor: Assistant Professor will have the registration of Maximum 8 students will have the registration of Maximum 6 students will have the registration of Maximum 4 students

Dr. L.S. Ladko

PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

1.2.1 Minutes of BOS

GONDWANA UNIVERSITY, GADCHIRDLI

Minutes of the Annual Meeting of the Board of Studies Committee in Mathematics the Faculty of Science held on \$4/05/2016 at 11.30 AM Gondwana University, Gadchiroli.

The following Members were passed.

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1 Dr. S.S. Singru.	2
Ipr. s.D. Deo	4
SIL-A Khan.	5.
7.	8
8.	10

CONFIRMATION OF THE MINUTES

ITEM NO. I Considered the Minutes of the last meeting of Board of Studies held on dated 29.4.2016

ITEM NO. 2 Considered and approved the following Choice Based Credit System syllabuses.

Proposed sylibus For

- 1) B.S. Mathematics semi & semi under choice based credit system
- 2) MSC. Mathematics sem I & semT under choice based credit system both vire. f. Accodencie year 2016-17

ITEM No. 3 Considered and approved the following Choice Based Credit System Direction,

considered Bapproved. The following Chorce Based Credit system direction V) Bisc Mathematics sent 2 centry ITEM No. 4 Any other from with the permission of the chair.

No other wire was discussed.

EEBMBEU. Chairman (ASSEMPSON) Board of Committee in Mathematics

* (mun) .चापीत, 132000

Dr. S.D. Dear bab. pool: I. A. Kham. Them Ar. Bes. C. M. Blapple Albergale

Present Members

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College

Bhadrawati, Dist-Chandrapur

GONDWANA UNIVERSITY, GADCHIROLI

Minutes of the Annual Meeting of the Board of Studies Committee in Physics_ the Faculty of <u>science</u> held on <u>3</u>/06/2016 at 11.30 AM Gondwana University, Gadehiroli.

The following Members were passed present

1 Dr. N.S. Desepante chiman	2. Dr. Jainam Khobnagade
3. or. A.J. Dahegoonker	4 Dr. Ranget recorded
5 pr. Bohirwar	S. Dr. N.S. Ramitelle
7. Dr. Pandinay nicherkar	8.
9 on Vovasci Manie	10.

CONFIRMATION OF THE MINUTES

ITEM NO. 1 Considered the Minutes of the last meeting of Board of Studies held on dated 24/4/2016

ITEM NO. 2 Considered and approved the following Choice Based Credit System syllabuses.

SEMI & SEMI - of BSC.

R SENT ASEN I ST M.SC.

ITEM No. 3 Considered and approved the following Choice Based Credit System Direction.

ITEM No. 4 Any other item with the permission of the chair.

Present Members

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And Babes

Chairman (2012) Board of Committee in Sr. M.S.) colpande

> मेन्द्र प्रिया) N अनुम्बद्धिय (बिदा) N भौडवाना विद्यापीत, Bit

> > and the

Dr. L.S. Ladke PRINCIPAL N.S. Science & Arts College Bhadrawati, Dist-Chandrapur

GONDWANA UNIVERSITY, GADCHIROLI

Minutes of the Annual Meeting of the Board of Studies Committee in BOTANY the Faculty of Science held on 24 /05/2016 at 11.30 AM Gondwana University, Gadchiroli.

The following Members were passed.

1 Da. M. C. Kale	2 Dun. M.B. Wadehan
3 Do. C. A. Mikhads	4 BM. A.N. Konpennuan
5. Du. S. G. Kukneja	6 Dup . Y.B. Gedom
7	8
9.	10.

CONFIRMATION OF THE MINUTES

ITEM NO. 1 Considered the Minutes of the last meeting of Board of Studies held on dated 29/04/2016 Pred & confirmed

ITEM NO. 2 Considered and approved the following Choice Based Credit

Considered and supported and finally Submitted the syllabus of B.St. (Sem I & II) and M.St. (Sem I & II) in Hand copy as well as Soft copy

ITEM No. 3 Considered and approved the following Choice Based Credit System Direction.

N.A.

ITEM No. 4 Any other item with the permission of the chair. As devided, Regarding the CBCS Syllabus, one day sucred shop at Rashhupito Matatric Gandhi Callege, Naghtid was organised on 20th may 2016, Suggestions from Botony teachers Chairman are incarposed while froming the Syllabus, (Well Present Members Present Members Board of Committee in Mrunal. C.

lad Dr. L.S. Ladke PRINCIPAL H.S. Science & Arts Collegedoaurawati, Dist-Chandrapur

उपराम्यादिय (ति मॉडवाना विदाय म जिसेली

E GONDWANA UNIVERSITY, GADCHIROLI the Faculty of ______ held on 2 7/04 /2016 at 11.30 A.M. Gondwana University, Gadchiroli The following Members were present : 5) Din Shonkas Kutorys 1] Dur. Munal Kale 2) But - M. B. Ellastekas 63 7) 3) Du. C. A. Mikhode 1) Drs. Anil Koupenevas 8) 90 10) 12)CONFIRMATION OF THE MINUTES ITEM NO. : 1: Confirmed the Minutes of the last meeting of Board of Studies held on dated, 2.7/931/6 Pear & Confirmed 100 ITEM NO. :2: Considered and approved the following Choice Based Credit System syllabuses. Considered & decided to submit the syllades of SEPT-I & II of UC & PG, in the next meeting ITEM NO.13: Considered and approved the following Choice Based Credit System Scheme. Discussed in the Bos, and devided & Amaline in the next meeting ITEM NO.:4: Considered and approved the following Choice Based Credit System Direction. Read the directlow for CBES & decident to finalized in next meeting ITEM NO.:6: Any other item with the permission of the Chair Suggessing given by the membrus are considered & Present Members Board of Committee in Bofar ladke L.S. Ladke PRINCIPAL N.S. Science & Arts College As (far. Bhadrawati, Dist-Chand(a)