गुरू घासीदास विश्वविद्यालय (केंद्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केंद्रीय विश्वविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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## SYLLABUS

**Based** on

## CHOICE BASED CREDIT SYSTEM (CBCS) under

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

## M. Sc. (Rural Technology)

2021-2022



DEPARTMENT OF RURAL TECHNOLOGY AND SOCIAL DEVELOPMENT

GURU GHASIDAS VISHWAVIDYALAYA (A Central University) Koni- Bilaspur 495009 Chhattisgarh

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Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)



#### DEPARTMENT OF RURAL TECHNOLOGY AND SOCIAL DEVELOPMENT GURU GHASIDAS VISHWAVIDYALAYA (A Central University)

Koni, BILASPUR (C.G.) 495009

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#### MINUTES OF MEETING OF BOARD OF STUDIES HELD ON 05-04-2022

A meeting of Board of Studies (BOS) of the Department of Rural Technology and Social Development was held on 05-04-2022 with following members to discuss, review and modify the syllabus as per the Learning Outcomes-based Curriculum Framework (LOCF) guideline for the UG and PG Programs. Following members were present in the meeting.

- I. Dr. P.R. Singh (Chairman)
- II. Prof. Rajendra Singh Negi (Academic External Expert-)
- III. Mr. Amit Gupta (Industry External Expert)
- IV. Dr. R. Mehta (Member)
- V. Dr. S.K. Nirala (Member)
- VI. Dr. Bhaskar Chaurasia (Member)
- VII. Dr. Alka Mishra (Member)
- VIII. Dr. Dilip Kumar (Member)
- IX. Dr. Lokesh Kumar Tinde (Member)
- X. Dr. D.S. Porte (Member)

The chairmen of BOS welcame the BOS members and following resolution were passed:

- All members of the BOS discussed the scheme and syllabus of Three year B.Sc. (RT) program and two year M.Sc. (RT) Program as per the LOCF criteria.
- The LOCF based scheme and syllabus for B.Sc. Rural Technology (all the six semesters) and M.Sc. Rural Technology (all the four semesters) was approved by the BOS (Scheme and syllabus is attached herewith).

The paper entitled "Wooden art" has been modified in "Wooden arts and craft" and syllabus of the paper has also been modified accordingly as per the expert advice.

A 30 Hours value added course on "Mushroom Agronomics" was proposed by Course Co-ordinator Dr. Bhaskar Chaurasia. All members of the BOS discussed the syllabus and scheme of examination of the value added course and approved the proposed value added course (Scheme and syllabus is attached herewith).

Meeting ended with vote of thanks by BOS chairman.

Prof. R. S. Negi (Academic External Expert) (On Line Present)

Nigala (Member) Dr. S.Ko

Dr. Dilip Komar (Member)

Dr. P.R. Singh (Chairman)

Mr. Amit Gupta (Industry External Expert) 2

Dr. Bhaskar Chaurasia (Member)

Dr. Lokesh Kumar Tinde

Dr. R. Mehta (Member) On lea

Dr. Alka Mishra (Member)



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#### Department of Rural Technology & Social Development Guru Ghasidas Vishwavidyalaya, Koni-Bilaspur (CG) Semester-wise syllabus for PG Course

#### M. Sc. IV SEMESTER

Course	Subject Code	Course	Marks Distribution			Marks	
Opted			Theory	Sessional	Practical		
Core-9	RTPDTC-1	Rural Energy Sources and Green Technology	70	30		100	
Core-10	RTPDTC-2	Rural Planning and Development	70	30		100	
DSE-4	RTPDTD-2	Computer application	70	30	*	100	
	OR						
	RTPDTD-3	Entrepreneurship					
	RTPDDC-1	Dissertation/ Project work followed by seminar	300	Viva- voce 100		400	
						700	

Dissertation must be compulsory for all students. Students will have liberty to complete his dissertation work either in the Department or any other Department or Institution. If student desires to complete his dissertation work outside the Department, he/she will have to bear all expenses.

गुरू घासीदास विश्वविद्यालय (केन्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्न्रीय विश्वविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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गुरू धासीदास विश्वविद्यालय, बिलासपुर (छ.ग.) (केन्द्रीय विश्वविद्यालय अधिनियम 2009. कमांक 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय) GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.) (A Central University established by the Central Universities Act., 2009 No. 25 of 2009) Web Site – www ggu.ac.in, ph. No. 07752-260342, fax No. C7752-260148,154

कमॉक 1 🛞 ० / अका. / अका. कैलेण्डर / 2021

बिलासपुर, दिनॉक 2 🛛 SEP 2021

### कार्यालयीय ज्ञाप

विद्यापरिषद की स्थायी समिति की बैठक दिनॉक 06–09–2021 पूरक विषय क0–10 अन्तर्गत अधिष्ठाताओं की बैठक दिनॉक 02–09–2021 के कार्यवृत्त एवं अधिष्ठातागणों द्वारा अनुशंसि अकादमिक कैलेण्डर सत्र 2021–22 के लिये अनुमोदन किया गया है।

अनुमोदनोपरांत सर्व—सूचनार्थ एवं आवश्यक कार्यवाही हेतु विश्वविद्यालय शिक्षण विभान् में संचालित पाठ्यकमों के विषम सेमेस्टर (1<sup>st</sup> & 3<sup>rd</sup> Sem) के अकादमिक कैलेण्डर 2021—22 संलग्न व एतद् द्वारा जारी किया जाता है।

आदेशानुसार,

कुलसचिव (कार्यवाहक)

प्रतिलिपिः–

- 1. कुलपति / कुलसचिव जी के सचिव / निज सहायक को मान.कुलपति / कुलसचिव जी के सूचनार्थ
- 2. अधिष्ठाता, समस्त विद्यापीठ, गुरू घासीदास विश्वविद्यालय, बिलासपुर की ओर सूचनार्थ ।
- विभागाध्यक्ष, समस्त शिक्षण विभाग, गु0घा0वि0वि0, बिलासपुर की ओर आवश्यक कार्यवाही हेतु प्रेषित।
- 4. परीक्षा नियंत्रक, गुरू घासीदास विश्वविद्यालय,बिलासपुर की ओर सूचनार्थ
- उप-कुलसचिव,परीक्षा एवं प्रभारी गोपनीय विभागों की ओर सूचनार्थ प्रेषित ।
- अधिष्ठाता, छात्र कल्याण विभाग, गुरू घासीदास विश्वविद्यालय, बिलासपुर की ओर सूचनार्थ।
- 7. समस्त कक्ष अधिकारी, प्रशासनिक भवन के समस्त विभागों की ओर सूचनार्थ प्रेषित।
- समन्वयक, आई.टी.सेल की ओर इस आशय के साथ प्रेषित है कि सत्र 2021–22 का अकादमिक कैलेण्डर विश्वविद्यालय वेबसाईट में अपलोड करने हेतु।

9. प्रभारी मीडिया सेल, गुरू धासीदास विश्वविद्यालय,बिलासपुर की ओर सूचनार्थ प्रेषित।

10 कार्यालय प्रति।

सहायक कुलसचिव (अका0)

गुरू घासीदास विश्वविद्यालय (केन्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्न्रीय किवविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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#### GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR [C.G.]

Academic Calendar for Session 2021-22 for the University Teaching Departments

Odd Semester (UG/PG)

Academic Session 2021-22

S.N	Event	First and Third Semesters		
1.	Commencement of classes (New Admission)	20.10.2021 (1 <sup>st</sup> Sem)	11.10.2021 (3 <sup>rd</sup> Sem)	
2.	1 <sup>st</sup> Unit Test (Internal Assessment)	06.12.2021 to 10.12.2021		
3.	Last date for showing the answer script/marks of test to the students	14.12.2021		
4.	Winter Vacation	27.12.2021 to 03.01.2022		
5.	Last date for submission of End 10.01 Semester Examination form		1.2022	
6.	2 <sup>nd</sup> Unit Test (Internal Assessment)	24.01.2022 to 31.01.2022		
7.	Last date for showing the answer script/marks of test to the students	04.02.2022		
8.	Last day of classes	21.02.2022		
9.	Practical/Project Examination	21.02.2022 to 25.02.2022		
10.	End Semester Examination	01.03.2022 to 15.03.2022		
11.	Last date for showing the answer script/marks of test to the students	21.03.2022		
12.				

Bhory



InternalQualityAs suranceCell(IQAC) GuruGhasidas VishwavidyalayaBilaspur(C.G.) (ACentralUniversityestablishedbytheCentralUni versityAct20@No.25of2009)

Website:www.ggu.ac.in

**No.**415/IQAC/GGV/2023

Bilaspur,Dated-.05/007/2023.

#### **CERTIFICATE**

It is hereby declared that following students of various programmes, who have opted for Dissertation / FieldProjects / Research Projects / Internships etc., have not yet completed their program due to delayed sessionunder pandemic condition. Therefore, their completion certificate will be produced after their completion of Dissertation/FieldProjects/ResearchProjects/ Internships in the appropriate session.

Director memal Quality Assurance Cell Guru Ghasidas Vishwavidyalaya Koni, Bilaspur (C.G.) 495009

Director,IQAC



# Thisistocertify that following students are enrolled in M.Sc. (Rural Technology) for thesession of 2021-22.

StudentsName	Enrollmentno.		
Dipti	GGV/21/10702		
DileshPatel	GGV/21/10701		
HemantKumarBhoi	GGV/21/10703		
JaishreeSuryavanshi	GGV/21/10704		
JyotiPatel	GGV/18/6095		
Laxman Patel	GGV/18/6100		
MahendraSalam	GGV/21/10705		
NidhiTiwai	GGV/21/10706		
PrabhatSankarSahu	GGV/18/6127		
PukendraKumar	GGV/21/10707		
Saket Nirala	GGV/18/6145		
Snehlata	GGV/21/10708		
SunehaSinghThakur	GGV/21/10709		
RakeshJaiswal	GGV/18/6132		
JyotiRajput	GGV/18/6096		
Twinkle	GGV/21/10710		



#### ThisistocertifythatfollowingstudentsaresuccessfullycompleteddissertationinM.Sc.(RuralT echnology)forthesessionof2020-21. Name of the Student S.No. Semester Academic Name of Subject Duration Year theVisitin tovisit g Organization June, 2020 AmandeepPatel 1. M.Sc. IV Dissertation Van thSemeste 2020-21 DhanKendr a.NTFPFore r st division (C.G) 2. M.Sc. Dissertation June, 2020 Bhupendra Van KumarKaushik VthSeme 2020-21 DhanKendra .NTFP ster Forestdivisi on (C.G) Divisional M.Sc. IV 21/02/. 3. Kamlesh Dissertation 2020-21 ForestOffi 2020 **KumarPrajapati** thSemeste to20/05/20 ce, r Bilaspur 20 (C.G) 4. DevendraKumar M.Sc. IV Divisional Dissertation 21/02/. 2020-21 ForestOffi 2020 thSemeste ce,Bilaspu to20/05/20 r 20 r (C.G) 5. Regional F21/02/. LaxmiPrasad M.Sc. IV Dissertation 2020-21 Geomatic 2020 thSemeste Centre, to20/05/20 r Bilaspur 20 21/02/. M.Sc. IV 2020-21 Divisional Dissertation 6. ManSingh ForestOffi 2020 thSemeste to20/05/20 ce, r Bilaspur 20 (C.G)Divisional 7. M.Sc. IV 2020-21 Dissertation F21/02/. MisterIndia thSemeste ForestOffi 2020 to20/05/20 ce,Bilaspu r 20 r (C.G) 8. M.Sc. IV Divisional Dissertation F21/02/. thSemeste 2020-21 ForestOffi 2020 **MrinaliniBrahmbhatt** to20/05/20 r ce, Bilaspur 20 (C.G)



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9.		M.Sc. IV		Divisional	Dissertation	F21/02/.
		thSemeste	2020-21	ForestOffi		2020
	ParmeshwarOraon	r		ce,Bilaspu		to20/05/20
				r		20
				(C.G)		
10.	AnjaliPatel	M.Sc. IV		Divisional	Dissertation	F21/02/.
		thSemeste	2020-21	Forest		2020
		r		Office,		to20/05/20
						20
11		M.Sc. IV		Divisional	Dissertation	F21/02/.
	Pragyaportey	thSemeste		ForestOffi		2020
	Tagyaportey	r		ce,Bilaspu		to20/05/20
				r		20
				(C.G)		
12		M.Sc. IV		Divisional	Dissertation	F21/02/.
	RahulKumarSahu	thSemeste		ForestOffi		2020
	Kanunkumarsanu	r		ce,		to20/05/20
				Bilaspur		20
		_		(C.G)		
13		M.Sc. IV		Divisional	Dissertation	F21/02/.
	TankadharChaudhari	thSemeste		ForestOffi		2020
		r		ce,Bilaspu		to20/05/20
				r		20
				(C.G)		

HEAD Department of Rural Technology & Social Development Guru Ghasidas Vishwavidyalaya Bilaspur (C.G.) 495009