गुरू घासीदास विश्वविद्यालय (केनीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत रचापित केन्द्रीय विश्वविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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

Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year : 2019-20School: School of Natural ResourcesDepartment: Rural Technology and Social DevelopmentDate and Time : July, 12, 2019 - 11:30 AMVenue: Seminar hall

	DEPARTMENT OF RURAL TECHNOLOGY AND SOCIAL DEVELOPMENT गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.) GURU GHASIDAS VISHWAXIDYALAYA, BILASPUR (C.G.) अंदीया विश्वविद्यालय अवधियक 2009 के अल्पोन स्थापित विभवविद्यालय (A Central University established by the Central Universities Act, 2009) Webcate www.ggr.ac.in
1	MINUTES OF MEETING OF BOARD OF STUDIES HELD ON 12-07-2019
A meeti	ing of board of studies (BOS) of the department of Rural Technology and Social
	present was held on 12-07-2019 with following members to discuss, review and modify the a for the degree of B.Sc., M.Sc. and Pre Ph.D. in Rural Technology.
	 P.R.Singh (Chairman)
	Prof. A.K. Giumha (External Expert)
111, 1	Dr. R. Mehta (Member)
	Dr. S.K. Nirala (Member) Dr. D.K.Patel (Member)
	Dr. D.K.Patei (Member) Dr. Bhaskar Chaurasia (Member)
	Dr. Alka Mishra (Member)
	I.Dr. Dilip Kumar (Member)
	Mr. Sanjeev Kumar Bhagat (Special Invitee)
	Mr. Prasoon Soni (Special Invitee) Mr. Kamal Kumar Sen (Special Invitee)
	airman of BOS Welcomed the BOS Members and following resolutions were passed:
1.	The BOS invited few passed out students (namely Mr. Sanjeev Kumar Bhagat, Mr. Prassoon Soni) of this department and stakeholder Mr. Kamal Kumar Sen (M.Sc. Rumi
	Technology Passed out from Bastar Vishwavidyalaya, Jagdalpur) to give their inputs as
	per their past experiences to improve course curriculum of the programmes running
	under the department of Rural Technology and Social Development.
2.	After the discussion with all the members of the BOS, the existing choice based credit
	system (CBCS) syllabus of B.Sc. 1 and II Sem, had been improved which was
	implemented from 2018-19. Syllabus for B.Sc. III and IV Sem, has been proposed for implementation from 2019-20 in continuation of 2018-19.
3.	The CBCS based scheme for B.Sc. Rural Technology for all the six semesters was
	approved by the BOS. (Scheme is attached herewith).
Bank	the state of the second of the
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and s sessi 5. Sylia from Mee Prof. A.K.	ting Syllabus of M.Sc. I and II Semester of Rural Technology has been improved syllabus of M.Sc. II and II Semester of Rural Technology has been improved syllabus of M.Sc. III - IV semester was approved by BOS for implementation from tool 2019-20. (Scherme is attached herewith). abus for Pre Ph.D. of Rural Technology approved by the BOS to be implemented in session 2019-20 and onwards. ting ended with vote of thanks by BOS chairman. Gauraha Gauraha Dr. R. Mehra (Member) Dr. R. Mehra (Member) Dr. R. Mehra (Member) Dr. Alka Mishma (Member)
and s seess 5. Sylin Mee Prof. A.K. Dr. D.K.I Dr. Dillij Mr. Sar	ting Syllabus of M.Sc. I and II Semester of Rural Technology has been imperved syllabus of M.Sc. III - IV semester was approved by BOS for implementation from ton 2019-20. (Scheme is attached herewith). abus for Pre Ph.D. of Rural Technology approved by the BOS to be implemented assession 2019-20 and onwards. sting ended with vote of thanks by BOS chairman.

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



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The Board of Study of Rural Technology also decided to introduced the following new courses in the session 2019-20

List of New Course(s) Introduced

Department : Rural Technology and Social Development : M.Sc. and B.Sc. Rural Technology **Programme Name** Academic Year : 2019-20

List of New Course(s) Introduced

M. Sc. Rural Technology

RT-103	Natural Products Processing Techniques
RT-104	Laboratory Course (Based on RT-103)
RT-107	Innovation Appraisal and action for Rural Development
RT-108	Laboratory Course (Based on RT-108)
RT-309	Seminar
NR/RT/C-101L	Organic Manure Production Techniques
NR /RT/C-101P	Practicals based on theory
NR /RT/C-102L	Elementary Biology
NR /RT/C-P-102P	Practicals based on theory
NR/RT/GE-101/LS	Soil and Fertilizers
NR/RT/GE-P-101/LS	Practicals based on theory
NR /RT/AE-101/EC	English Communication / MIL (Hindi Communication) ECA-Extra-curricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachchhta/ Vocational Training/ Sports/ others
NR /RT/C-203	Microbial Technology
NR /RT/CP-203	Practicals based on theory
NR /RT/C-204	Dairy Management and Products
NR /RT/CP-204	Practicals based on theory
NR /RT/GE-202/LS	Plant Propagation and NurseryManagement
NR /RT/GE-P-202/LS	Practicals based on theory
NR/RT/AE-201/ES	Environmental Science
	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachchhta / vocational Training/ Sports/ others
NR/RT/C-301L	Sericulture
Course Introduced	Criteria – I (1.2.1)

NR /RT/C-301P	Practicals based on theory
NR /RT/C-302L	Mushroom Production Techniques
NR /RT/C-P-302P	Practicals based on theory
NR/RT/GE-301/LS	Aquaculture
NR/RT/GE-P-301/LS	Practicals based on theory
NR /RT/GE-II A- 301/EC	Integrated Pest Management
NR/RT/GE-301L	Practicals based on theory
NR /RT/SEC-1- 101P	Horticulture and Landscaping
NR/RT/C-401L	Rural Social Structure and Planning
NR /RT/C-401P	Practicals based on theory
NR /RT/C-402L	Poultry Production Techniques
NR /RT/C-P-402P	Practicals based on theory
NR/RT/GE-401/LS	Plant Morphology and Plant Reproduction
NR/RT/GE-P-401/LS	Practicals based on theory
NR /RT/GE-II B- 401/EC	Economic Botany
NR/RT/GE-401L	Practicals based on theory
NR/RT/SEC-2-401P	Herbal Production Techniques

NEAD Department of Rural Technology & Social Development Guru Ghasidas Vishwavidyalay~ Bilaspur (C.G.) 495009

Criteria – I (1.2.1)

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Scheme and Syllabus

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

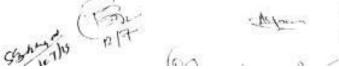
SEMESTER SCHEME Master of Science of Rural Technology 2019-20

Subject	Course	Marks Distribution		Marks	
Code		Theory	Sessional	Practical	
RT-101	Soil and Water Conservation Engineering	60	40		100
RT-102	Laboratory Course (Based on RT-101)	1.2	20	30	50
RT-103	Natural Product Processing Techniques Product	60	40		100
RT-104	Laboratory Course (Based on RT-103)	1	20	30	50
RT-105	Instrumentation and Techniques	60	40		100
RT-106	Laboratory Course (Based on RT-105)		20	30	50
RT-107	Innovation, Appraisal and action for Rural Development THEC CLICK OF	60	40	•	100
RT-108	Field Work/ Survey (Based on RT-107)	*	20	30	50
	Total	240	240	120	600

M. Sc. II SEMESTER

1

Subject	Course	Ma	arks Distrib	ution	Marks	Thur.
Code		Theory	Sessional	Practical		R.
RT-201	Fundamentals of Medicinal Plant	60	40	* 5	100	-
RL-202	Laboratory Course (Based on RT-201)	-	20	30	50	-
RT-203	Application of Remote Sensing and GIS-I	60	40		100	-
RT-204	Laboratory Course (Based on RT-203)	•	20	30	50	-
RT-205	Rural Waste Management 7 itte class waged	60	40		100	-
RT-206	Laboratory Course (Based on RT-205)		20	30	50	-
RT-207	Research Methodology FUCGEL I Store	60	40		1001	1
RT-208	Laboratory Course (Based on RT-207)	11:00	20	30	50	-
	Total	240	240	120	680	-



गुरु धासीदास विश्वविद्यालय (केंद्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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

Subject	Course	Ma	urks Distrib	Marks	6	
Code		Theory	Sessional	Practical		1
RT-301	Drug Formulation and Extraction	60	40		100	
RT-302	Laboratory Course (Based on RT- 301)		20	30	50	12
RT-303	Geospatial Technology and its application 🥑	60	40	-	100	1
RT-304	Laboratory Course (Based on RT-303)		20	30	50	ł
RT-305	Concepts of Statistical Analysis	60	40		100	
RT-306	Laboratory Course (Based on RT-305)	- 22	20	30	50	-
RT-307	Lac and Apiculture P.S. T. Som.	60	40	*	100	
RT-308	Laboratory Course (Based on RT-307)		20	30	50	
1-309	Seminar	Contractory	20	30	50	
And in case	Total	240	260	150	650	

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Subject	SEMESTER KS 2 CT IS COPP	Marks Distribution	Marks
Code		Dissertation	
RT-401	Dissertation	250	250
	Total		250

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 bear all expenses.

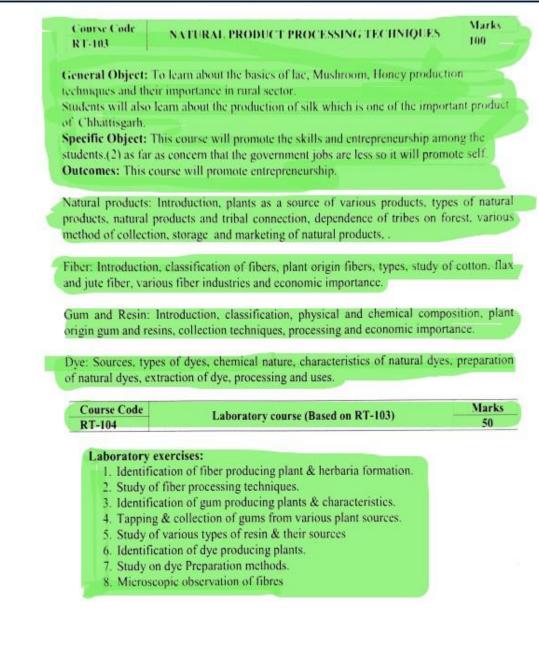
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New Course Introduced

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



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- Criteria – I (1-2-1)



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1 Microscopic observations of Biological materials. 2 Separation of biological material using Centrifuge, paper chromatography and 3. Biochemical analysis of samples using spectrophotometer. 4. Microtomy and preparation of permanent mounts. Course Code INNOVATION, APPRAISAL AND ACTION FOR RURAL RT-107 Marks **DEVELOPMENT** 100 General Object: To learn the concept of technology, innovation Adoption of technology, Learn the communication and familiar with the model of communication. Specific Object:Students aware with the technology and its development and Improvement of technology also which is the need of today. It develops the skill among Department of Recal Technology & Instal Development Enru Chathlas Vislewavidyalaya, Koni-Bilaspur (C.C.). unter-who syllabus for PG Course on Barriers. Transfer of Technology - Concept of Technology, heology- Definition and characteristics Principles and Approaches of PRA, PRA Tools- Map scial resource, land use pattern mup, enterprise map, transect, and trends, Matrix ranking, Mobility map, Venn diagram, RRA and PLA diaction, foundation, process, difference between RRA and PRA, Project appr Reference Books

New Course Introduced

Criteria – I (1.2.1)

गुरू घासीदास विश्वविद्यालय (केत्रीय विश्वविद्यालय अधिनयम 2008 क्र. 25 के अंतर्गत स्वापित केन्द्रीय विश्वविद्यालय) कोनी, बिलासपुर - 495009 (छ.ग.)



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