



Department of Computer Science & Information Technology (CSIT)

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

(A Central University established by the Central University Act 2009 No. 25 of 2009)

SYLLABUS FOR M.Sc.(CS) CBCS based

Session 2021-22

Semester-I

S.No.	Subject Code	Title	Credits	Marks		Total
				Internal	External	
1	MSC-101 (CORE- 1)	Design of Operating System	5	40	60	100
2	MSC-102 (CORE -2)	Artificial Intelligence	5	40	60	100
3	MSC-103 (CORE- 3)	Relational Data Base Management Systems	5	40	60	100
4	MSC-104 (CORE-4)	Advanced JAVA Programming	5	40	60	100
5	MSC-105 (Practical-1)	Programming Lab in JAVA	5			100
		Total	25			500

Semester-II

S.No.	Subject Code	Title	Credits	Marks		Total
				Internal	External	
1	MSC-201 (CORE - 5)	Design and Analysis of Algorithm	5	40	60	100
2	MSC-202 (CORE - 6)	Machine Learning	5	40	60	100
3	MSC-203 (DSE - 1)	Neural Networks and Deep Learning	5	40	60	100
4	MSC-204 (DSE - 2)	Web Technology	5	40	60	100
5	MSC-205 (RM - 1)	Research Methodology	2	40	60	100
6	MSC-206 (Practical - 2)	Programming Lab in Web Technology	5			100
		Total	27			600



Semester-III

S.No.	Subject Code	Title	Credits	Marks		Total
				Internal	External	
1	MSC-301 (CORE - 7)	Computer Graphics and Multimedia	5	40	60	100
2	MSC-302 (CORE - 8)	Compiler Design	5	40	60	100
3	MSC-303 (DSE - 3)	Data Mining and Data Warehousing	5	40	60	100
4	MSC-304 (DSE - 4)	Network Security	5	40	60	100
5	MSC-305 (OE - 1)	Open Elective*	5	40	60	100
6	MSC-306 (Practical - 3)	Programming Lab in Data Mining	5			100
Total			30			600

* Open Elective will be decided after the information of availability of courses from other departments

Semester-IV

S.No.	Subject Code	Title	Credits	Total
1	MSC-401 Dissertation/Field Work/Internship/Project/Industry Visit	Major Project	18	500

GRAND TOTAL	100	2200
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Open Elective offered by CSIT:

1. Programming in C/C++
2. Data Structure Using C/C++/Python/Java
3. RDBMS
4. Introduction to Information Technology
5. Linux Operating System
6. Soft Computing.

Note: The structure, marking scheme, courses can be changed by university/statutory body's direction whenever required.



This is to certify that following students are done the Project MSc.Computer Science:

S.No.	Student Name	Certificate Link
1	BHUPENDRA KUMAR DEWANGAN	http://new.ggu.ac.in/attachments/attachments/department/08162022_051111_project4 - Bhupendra Kumar dewangan 16.08.22 cQOfTUi.pdf
2	NEELAM CHOUDHARY	http://new.ggu.ac.in/attachments/attachments/department/08162022_051155_project5 - Neelam choudhary 16.08.22 ICJyQcK.pdf
3	ANJALI VAISHNAW	http://new.ggu.ac.in/attachments/attachments/department/08162022_051243_project6 - Anjali Vaishnaw 16.08.22 d60iM5W.pdf
4	MANISHA RATRE	http://new.ggu.ac.in/attachments/attachments/department/08162022_051750_project12 - Manisha Ratre MSC 16.08.22 tDK0hCk.pdf
5	DEEPESH KUMAR DWIVEDI	http://new.ggu.ac.in/attachments/attachments/department/08162022_052035_project15- DIPEESH KUMAR DWIVEDI MSC 16.08.22 i2EqsvZ.pdf
6	KAUSHALYA PATEL	http://new.ggu.ac.in/attachments/attachments/department/08162022_052234_project17- KAUSHALYA PATEL MSC 16.08.22 Zk9kA7H.pdf
7	NEELIMA TIWARI	http://new.ggu.ac.in/attachments/attachments/department/08162022_052329_project18 - Neelima Tiwari MSC 16.08.22 XD6hNQ4.pdf
8	PRATIBHA DHIWAR	http://new.ggu.ac.in/attachments/attachments/department/08162022_052420_project19 -Pratibha dhiwar MSC 16.08.22 pyMF1w4.pdf
9	HARISH KUMAR DEWANGAN	http://new.ggu.ac.in/attachments/attachments/department/08162022_052748_project23 MSC HARIS- KUMAR DEWANGAN 16.08.22 pFVcj90.pdf

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**HEAD
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G.G.V. BILASPUR (C.G.)**