



**Curriculum**

**of**

**Master of Philosophy (M.Phil.)**

**Programme**

**in**

**Information Technology/Cyber Security**

Choice Based Credit System (CBCS)

**From the Academic Year 2018 - 2019 onwards**



## **Ordinance and Syllabus**

### **Title of the Programme**

Master of Philosophy (M.Phil.) Degree Programme in Information Technology/Cyber Security.

### **Duration of the Programme**

One Year under Semester pattern with Choice Based Credit System.

### **Eligibility**

Post Graduate Degree in IT/Computer Science/Computer Engineering/Cyber Security/any relevant or allied discipline.

### **Seats**

The number of students to be admitted in the Programme shall be as per the UGC and University Norms.

### **Structure of the Programme:**

This M.Phil. Research programme will consist of:

**I Semester:** *3 courses* (Equivalent to Course work as per UGC norms)

**II Semester:** *1 course and 1 Dissertation*

### **Programme Governance:**

The Programme will be governed by the UGC / RSU M.Phil. Regulations. The Programme will be jointly administered by the Department of Information Technology & Telecommunication and the Institute of Research and Development, RSU.





## Abstract of the Syllabus

Paper Code	Paper Name	Internal Marks	External Marks	Total Marks	Course Credits
MPIT101	Cyber Security	30	70	100	4
MPCOM102	Research Methodology	30	70	100	4
MPCOM103	Research Writing	30	70	100	4
	<b>Total</b>	90	210	300	<b>12</b>

**Total Marks of Semester 1: 300**

	Paper Code	Paper Name	Internal Marks	External Marks	Total Marks	Course Credits
<b>Elective</b> (Any One amongst MPIT201a., MPIT201b., MPIT201c., MPIT201d.)	MPIT201a.	Artificial Intelligence & Machine Learning	30	70	100	4
	MPIT201b.	Mobile & Wireless Communication Security				
	MPIT201c.	Digital Image Processing				
	MPIT201d.	Cyber Forensics				
	MPIT202	Dissertation	60	140	200	8
		<b>Total</b>	90	210	300	<b>12</b>

**Total Marks of Semester 2: 300**

**Grand Total of Marks of all the Semesters (300+300) = 600. Total Credits 24.**

