

**M Tech
in
Electronics and Communication
Engineering (Microwaves)**

SYLLABUS



**Department of Physics
The University of Burdwan
Golapbag, Burdwan-713104, West Bengal
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Seminar (MW 107 and MW 207):

Each student in Semesters I and II is required to deliver one seminar per week on any of the topics suggested by the department having 15 minutes for presentation and 5 minutes for discussion. The internal teachers of the course will evaluate the performance of the students. Such evaluations will be termed as “Continuous Assessment”.

Course Outcome for MW 107 and MW 207:

- To become able to design and prepare a presentation on assorted technical topics
- To gain the communication skill and confidence to present a topic before the audience
- To gain the skill on technical report writing

Comprehensive Viva Voce on Practical's (MW 108 and MW 208):

Students will be examined by a board of examiners on the practical training performed and the laboratory report during each of the semesters I and II.

Course Outcome for MW 108 and MW 208:

The skill and knowledge gained through practical training (includes design, simulation, fabrication and T&M) would be estimated.

Semester III

Paper Code	Paper	Credit	Marks	
			Univ. Exam	Total
MW 301	Project I	16	200	200
MW 302	Term Paper/ Minor Elective from AICTE Approved Departments	02	50	50
MW 303	Research Methodology and IPR <i>May be opted from SWAYAM (https://swayam.gov.in/)</i>	02	50	50
TOTAL		20	300	300

Semester IV

Paper Code	Paper	Credit	Marks	
			Univ. Exam	Total
MW 401	Project II	18	300	300
MW 402	Grand Viva-Voce	04	100	100
TOTAL		22	400	400

MW 301 and MW 302: Project I and Term Paper/ Minor Elective from AICTE Approved Departments:

The entire third and fourth semesters of one year duration are assigned for the project works at different institutions and laboratories of repute within the country including Burdwan University.