



**Tulsiramji Gaikwad-Patil College of Engineering and Technology**

Wardha Road, Nagpur - 441108

Accredited with NAACA+Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTMN Nagpur University, Nagpur)



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## Department of Electronics and Communication Engineering

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**M.Tech\_II Sem**

**Electronics Engineering (Communication)**

**Course Name: MEC21206 Advanced Wireless Communication (PE-II)**

Course Code	Course Outcomes	PO/PSO	CL	Class Sessions
MEC21206.1	<b>Analyze</b> the optical fiber based systems with the fundamentals of wireless communication.	PO1, PO2, PO3	4	9
MEC21206.2	<b>Compare</b> the performance of different digital modulation techniques over wireless Channels.	PO1, PO2, PO, PO12	4	9
MEC21206.3	<b>Design</b> OFDM system and data transmission through multicarrier modulation.	PO1, PO2, PO, PO12	6	9
MEC21206.4	<b>Describe</b> the OFDMA system, its operation and its applications.	PO1, PO2, PO3	3	9
MEC21206.5	<b>Examine</b> frequency hopping in OFDMA	PO1, PO2, PO3	4	9

**HoD(ECE)**