

## **REVISED COURSE ASSESSMENT METHODOLOGY FOR**

### **M.TECH. COMMUNICATION SYSTEMS (II SEM) JANUARY 2020**

<b>EC602 - Advanced Digital Communication</b>				
S.No	Assessment	Mode	Duration	% Weightage
1	Assessment I Written Test (Unit 1 & 2)	Completed	60 Minutes	20
2	Assessment II Assignment			10
3	Assessment III Online test (unit 3 & 4)	Online	60 Minutes	20
4	Assessment IV Seminar presentation/ voice over PPT	Online		20
5	Final assessment (all units)	Online through Institute portal	120 Minutes	30

<b>EC 604 Broadband Wireless Technologies</b>				
S.No.	Assessment	Mode	Duration	% Weightage
1.	Written Test -1 (Unit 1 and Part of Unit 2)	Completed	1 Hour	20
2.	Online Test (Unit 2 & 3)	Online	90 min	20
3.	Assignment- Problem solving	Online submission		10
4.	Seminar Presentation/ voice over ppt	Online		20
5.	End Semester Exam (All Units)	Online through Institute Portal	2 Hours	30

<b>EC606 Optical Communication Systems</b>			
S. No	Assessment	Mode	% Weightage
1.	Assessment 1	Completed	15
2.	Assessment 2	Online	20
3.	Seminar/ Assignments	Completed	15
4.	Paper Writing/Project	Completed	20
5.	Final Assessment	Online through institute portal	30

<b>EC628 Pattern recognition and computational intelligence</b>				
S.No.	Assessment	Duration	Mode	% Weightage
1.	Written test	1 hour	Completed	20
2.	Assignment based on video lectures (Flip test)			30
3.	Audio slide preparation and Matlab based assignment			20
4.	End semester	2 hours	Online through institute portal	30

<b>EC619 Wavelet signal processing</b>				
S.No.	Mode of Assessment	Duration	% Weightage	Status
1.	Assessment-I (Descriptive)	60 minutes	25	completed
2.	Assessment-II (Matlab based Assignment)		20	Completed
3.	Assessment-III (online seminar presentation)		10	Already done through online
4.	Assessment-IV (Project)		15	Already done through online
5.	Final Assessment (Descriptive)	120 minutes	30	On line Test through institute portal as per institute time table

<b>EC664 Cognitive Radio</b>			
S. No.	Assessment	Weightage	Mode
1.	Assessment 1 (CT1)	30%	
2.	Assignment 1	15%	
3.	Assignment 2	15%	
4.	Assessment 2 (CT2)	10%	Online mode
5.	End Semester Exam	30%	Online through institute portal

<b>EC656 – Design of ASICs</b>				
S. No.	Mode of Assessment	Duration	% Weightage	Status
1.	Assessment – 1 (Descriptive Exam) (1 <sup>st</sup> and 2 <sup>nd</sup> units)	60 minutes	20 Marks	completed
2.	Assignment – 1 (1 <sup>st</sup> and 2 <sup>nd</sup> units)	-	25 Marks	completed
3.	Assignment – 2 (3 <sup>rd</sup> and 4 <sup>th</sup> units)	-	25 Marks	completed
4.	Compensation Assessment (1 <sup>st</sup> and 2 <sup>nd</sup> units)	60 minutes	20 Marks (CPA)	On line Test as per time table
5.	Final Assessment – (All units)	120 minutes	30 Marks	On line Test through institute portal as per institute time table

<b>EC634 Next generation WLAN</b>			
S.No	Assessment	Mode	% Weightage
1.	I Assessment	completed	20
2.	Assignment	completed	15
3.	Quiz/ seminar	completed	15
4.	II Assessment	online	20
5.	Final Assessment	Online through institute portal	30

<b>EC608 Fiber Optics and Communication Laboratory</b>				
S.No.	Mode of assessment	Week/date	Mode	% weightage
1	Assessment-I (Lab Preparedness)	Entire course duration	-	20
2	Assessment-II (Continuous evaluation)	Entire course duration	-	20
3	Assessment-III	One week prior to the end semester	Online	30
4	Assessment-IV End semester evaluation	4 <sup>th</sup> week of July	Online by Personal interview/viva	30

<b>EC610 Digital signal and Image Processing Laboratory</b>				
<b>S.No.</b>	<b>Mode of Assessment</b>	<b>Duration</b>	<b>% Weightage</b>	<b>Status</b>
1	I (Close book)	60 Minutes	20	Already done
2	II (Project)	-	20	Already done
3	III (Close book- Quiz)	20 minutes	10	Already done
4	IV (Continuous evaluation and Record)	-	20	Based on the experiments done
CPA	Compensation Assessment	60 Minutes	20	To be conducted
5	Final Assessment (Online through Personal interview/viva)		30	To be conducted

**Dr. B.Rebekka**

**Class committee chairperson**

**(M.Tech, CSY, II Sem)**

**Dr. P. Muthuchidambaranathan**

**Head of Department/ECE**