NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL-506004

DEPARTMENT OF PHYSICS

I Year M.Sc. (Tech) ENGINEERING PHYSICS I SEMESTER

Academic year 2020-21

Commencement of Class Work: 03/09/2020

TIMETABLE

Time/ Day	8-9 hr	10-11hr	11:30-12:30 hr	13:30-14:30 hr	15-16 hr	16:30-17:30 hr
Mon	OP	CVIT	SSP	O-LAB		NA
Tue	NA	OP	QM	CVIT	SSP	
Wed	SSP	QM	CVIT	NA LAB		
Thu	OP	SSP	QM	CVIT	NA	
Fri	NA	QM	OP	SSP LAB		
Sat	As per academic calendar					

S. No	Course Code	Course Title		Credit	Course Instructor
1	PH5101	Complex Variables and Integral Transforms	CVIT	4	Dr. Surya K Ghosh
2	PH5102	Quantum Mechanics	QM	4	Dr. B. Allu
3	PH5103	Solid State Physics	SSP	4	Prof. KVG Reddy
4	PH5104	Optical Physics	OP	4	Dr. D. Haranath
5	PH5105	Network Analysis	NA	4	Dr. K. Thangaraju
6	PH5106	Optics Laboratory	O-LAB	2	Dr. P abdul Azeem, Dr. Sourabh Roy, Dr. D. Haranath
7	PH5107	Solid State Physics Lab	SSP LAB	2	Prof. KVG Reddy, Dr. P Abdul Azeem, Dr. V . Jayalakshmi
8.	PH5108	Network Analysis Lab	NA LAB	2	Dr. K. Thangaraju, Dr. Paul Josheph, Dr. Hitesh Borkar
			Total	**26**	

(Prof. D. Dinakar)
Professor & Head

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL-506004

DEPARTMENT OF PHYSICS

II Year M.Sc. (Tech) ENGINEERING PHYSICS I SEMESTER

Academic year 2020-21

Commencement of Class Work: 03/09/2020

TIMETABLE

Time/ Day	8-9 hr	10-11hr	11:30-12:30 hr	13:30-14:30 hr	15-16 hr	16:30-17:30 hr
Mon	OE	STLD	LICA	MS	MTEA	
Tue	MTEA	STLD	OE	STLD LAB		
Wed	OE	MS	STLD	LIC LAB		LICA
Thu	LICA	OE	STLD	MS	MTEA	
Fri	MS	LICA	MTEA	MT LAB		
Sat	As per academic calendar					

S. No	Course Code	Course Title		Credit	Course Instructor
1	PH6101	Switching Theory and Logic Design	STLD	4	Dr. R Rakesh kumar
2	PH6102	Materials Science	MS	4	Dr. D Paul Joseph
3	PH6103	Opto-Electronics	OE	4	Dr. P Adbul Azeem
4	PH6104	Linear Integrated Circuit Applications	LICA	4	Dr. TV Appa Rao
5	PH6105	Measurement Techniques and Error Analysis	MTEA	4	Dr. B. Sobha
6	PH6106	Linear Integrated Circuit Lab	LIC LAB	2	Dr. TV Appa Rao, Dr. P Syam Prasad
7	PH6107	Switching Theory and Logic Design Lab	STLD LAB	2	Prof., LRG Reddy, Dr. R Rakesh kumar
8	PH6108	Measurement Techniques Lab	MT LAB	2	Dr. B. Sobha, Dr. K Thangaraju
			Total	**26**	

(Prof. D. Dinakar)
Professor & Head

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL-506004

DEPARTMENT OF PHYSICS

III Year M.Sc. (Tech) ENGINEERING PHYSICS I SEMESTER

(Electronics Specialization)

Academic year 2020-21

Commencement of Class Work: 03/09/2020

TIMETABLE

Time/ Day	8-9 hr	10-11hr	11:30-12:30 hr	13:30-14:30 hr	15-16 hr
Mon	DSP	EI	MI	DSP LAB	
Tue	MES	MI	EI	VD	DC
Wed	DC	MES	DSP	MC LAB	
Thu	MI	DC	VD	DSP	MES
Fri	MES	DSP	VD	EI	
Sat	As per academic calendar				

S. No	Course Code	Course Title		Credit	Course Instructor
1	PH7101	Digital Signal Processing	DSP	4	Prof. RLN Sai Prasad
2	PH7102	Microcontrollers and Embedded Systems	MES	4	Prof D Dinakar
3	PH7117	Electronic Instrumentation	EI	3	Dr. TV Appa Rao
4	PH7119	Medical Instrumentation	MI	3	Prof. LRG Reddy
5	PH7124	VLSI Design	VD	3	Dr. Hitesh Borkar
6	PH7125	Data Communication	DC	3	Dr. B. Sobha
7	PH7103	Digital Signal Processing Lab	DSP Lab	2	Prof. RLN Sai Prasad
8	PH7104	Microcontrollers Lab	MC Lab	2	Prof D Dinakar, Dr R Rakesh Kumar
9	PH7142	Comprehensive Viva		2	---
			Total	**26**	

(Prof. D. Dinakar)
Professor & Head

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL-506004

DEPARTMENT OF PHYSICS

III Year M.Sc. (Tech) ENGINEERING PHYSICS I SEMESTER

(Instrumentation Specialization)

Academic year 2020-21

Commencement of Class Work: 03/09/2020

TIMETABLE

Time/ Day	8-9 hr	10-11hr	11:30-12:30 hr	13:30-14:30 hr	15-16 hr
Mon	SP	EI	MI	PI	AI
Tue	PI	MI	EI	PI LAB	
Wed	AI	NDT	SP	AI LAB	
Thu	MI	AI	NDT	----	PI
Fri	PI	SP	AI	EI	NDT
Sat	As per academic calendar				

S. No	Course Code	Course Title		Credits	Course Instructor
1	PH7109	Analytical Instrumentation	AI	4	Dr. Kusum Kumari
2	PH7110	Process Instrumentation	PI	4	Dr. K Uday Kumar
3	PH7117	Electronic Instrumentation	EI	3	Dr. TV Appa Rao
4	PH7119	Medical Instrumentation	MI	3	Prof. LRG Reddy
5	PH7135	Non-Destructive Testing	NDT	3	Dr. P Syam Prasad
6	PH7141	Signal Processing	SP	3	Dr. R L N Sai Prasad
7	PH7111	Analytical Instrumentation Lab	AI Lab	2	Dr. P. Abdul Azeem, Dr. Kusum Kumari
8	PH7112	Process Instrumentation Lab	PI Lab	2	Dr. TV Appa Rao, Dr. K Uday Kumar
9	PH7142	Comprehensive Viva		2	---
			Total	**26**	

(Prof. D. Dinakar)
Professor & Head

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL-506004

DEPARTMENT OF PHYSICS

III Year M.Sc. (Tech) ENGINEERING PHYSICS I SEMESTER

(Photonics Specialization)

Academic year 2020-21

Commencement of Class Work: 03/09/2020

TIMETABLE

Time/ Day	8-9 hr	10-11hr	11:30-12:30 hr	13:30-14:30 hr	15-16 hr
Mon	OESM	BP	FOC	FOH LAB	
Tue	OEPT	FOC	BP	FOH	DT
Wed	DT	FOH	OESM	OESM LAB	
Thu	FOC	BP	FOH	OESM	OEPT
Fri	FOH	OESM	OEPT	DT	
Sat	As per academic calendar				

S. No	Course Code	Course Title		Credit	Course Instructor
1	PH7105	Opto Electronic Sensing and MOEMS	OESM	4	Dr. Sourabh Roy
2	PH7106	Fourier Optics & Holography	FOH	4	Dr. Vijay Kumar
3	PH7118	Fiber Optic Communication	FOC	3	Prof. RLN Sai Prasad
4	PH7128	Optical Element Production & Testing	OEPT	3	Dr. Abdul Azeem
5	PH7125	Display Technologies	DT	3	Dr. K. Thangaraju
6	PH7129	Biophotonics	BP	3	Dr. V. Jayalashmi
7	PH7107	Opto Electronic Sensing Laboratory	OESM Lab	2	Dr. Sourabh Roy
8	PH7108	Fourier Optics & Networking Lab	FOH Lab	2	Dr. Vijay Kumar
9	PH7142	Comprehensive Viva		2	---
			Total	**26**	

(Prof. D. Dinakar)
Professor & Head