



# Dr. K.N Modi University, Newai

## Study and Evaluation Scheme Year-I/ Semester-I<sup>nd</sup>

S. NO	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	01BT101	Mathematics –I	3	1	0	40	60	100	4
2	01BT102	Physics	3	1	0	40	60	100	4
3	01BT110	Programming for Problem Solving	3	1	0	40	60	100	4
<b>LAB</b>									
1	01BP109	Engineering Graphics & Design Basic	0	0	4	50	50	100	3
2	01BP102	Physics Laboratory	0	0	3	50	50	100	1.5
3	01BP109	Engineering Graphics & Design Lab	0	0	4	50	50	100	3
3	01BP111	Programming for Problem Solving Lab	0	0	2	50	50	100	1
4	01BP1010	Seamless Learning	0	0	1	100		100	0.5
6	01BP1011	Co-Curricular Activities	0	0	1	100		100	0.5
		<b>Total</b>	<b>10</b>	<b>3</b>	<b>12</b>			<b>800</b>	<b>21.5</b>

## Year-I/ Semester-II<sup>nd</sup>

S. NO	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	01BT201	Mathematics –II	3	1	0	40	60	100	4
2	01BT214	Chemistry	3	1	0	40	60	100	4
3	01BT217	Basic Electrical Engineering	3	1	0	40	60	100	4
4	01BT219	English	2	0	0	40	60	100	2
<b>LAB</b>									
1	01BP214	Chemistry Lab	0	0	3	50	50	100	1.5
2	01BP217	Basic Electrical Engineering Lab	0	0	2	50	50	100	1
3	01BP218	Workshop manufacturing Practices Lab	0	0	4	50	50	100	3
4	01BP219	English Lab	0	0	2	50	50	100	1
5	01BP2010	Seamless Learning	0	0	1	100		100	0.5
6	01BP2011	Co-Curricular Activities	0	0	1	100		100	0.5
		<b>Total</b>	<b>12</b>	<b>3</b>	<b>13</b>			<b>1100</b>	<b>24.5</b>



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## Year-II/ Semester-III<sup>rd</sup>

S.NO.	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	02BT301	Mathematics- III	3	1	0	40	60	100	4
2	02BT312	Environment& Ecology	3	1	0	40	60	100	4
3	02BTEE312	Analog and Digital	3	1	0	40	60	100	4
4	02BTEC310	Basic Signal and Systems	3	1	0	40	60	100	4
5	02BTEE313	Electrical & Electronics Engineering Materials	3	1	0	40	60	100	4
6	02BTEC312	Electrical Measurements & Instrumentation	3	1	0	40	60	100	4
<b>LAB</b>									
1	02BP3010	Seamless Learning	0	0	4	100		100	1
2	02BP3011	Co-Curricular Activities	0	0	4	100		100	1
		<b>Total</b>	<b>18</b>	<b>6</b>	<b>16</b>			<b>1000</b>	<b>30</b>

## Year-II/ Semester-IV<sup>th</sup>

S.NO.	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	SOE005	Polymer science & technology	3	1	0	40	60	100	4
2	02BT401	Human Values & Professional Ethics	3	1	0	40	60	100	4
3	02BTME413	Power Plant Engineering	3	1	0	40	60	100	4
4	02BTEE401	Electromagnetic Field Theory	3	1	0	40	60	100	4
5	02BTEE404	Electrical Machines -I	3	1	0	40	60	100	4
6	02BTEE407	Network Analysis and Synthesis	3	1	0	40	60	100	4
<b>LAB</b>									
1	02BP4010	Seamless Learning	0	0	4	100		100	1
2	02BP4011	Co-Curricular Activities	0	0	4	100		100	1
		<b>Total</b>	<b>18</b>	<b>6</b>	<b>16</b>			<b>1200</b>	<b>30</b>



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## Year-III/ Semester-V

S.NO.	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	03BTMB502	MANAGERIAL ECONOMICS	3	1	0	40	60	100	4
2	03BT504	CYBER SECURITY /	3	1	0	40	60	100	4
3	03BTEE502	ELECTRICAL MACHINES -II	3	1	0	40	60	100	4
4	03BTEE512	POWER TRANSMISSION AND DISTRIBUTION	3	1	0	40	60	100	4
5	03BTEE503	CONTROL SYSTEM	3	1	0	40	60	100	4
6	03BTC507	Object Oriented System & C++	3	1	0	40	60	100	4
<b>LAB</b>									
1	03BP5010	Seamless Learning	0	0	4	100		100	1
2	03BP5011	Co-Curricular Activities	0	0	4	100		100	1
		<b>Total</b>	<b>18</b>	<b>6</b>	<b>16</b>			<b>1200</b>	<b>30</b>

## Year-III Semester-VI<sup>th</sup>

S.NO	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	03BT601	INDUSTRIAL MANAGEMENT	3	1	0	40	60	100	4
2	03BT603	INDUSTRIAL SOCIOLOGY	3	1	0	40	60	100	4
3	03BTEE618	POWER ELECTRONICS	3	1	0	40	60	100	4
4	03BTEE601	MICROPROCESSOR	3	1	0	40	60	100	4
5	03BTEE607	POWER SYSTEM ANALYSIS	3	1	0	40	60	100	4
6	03BTEE606	HIGH VOLTAGE ENGINEERING	3	1	0	40	60	100	4
<b>LAB</b>									
1	03BP6010	Seamless Learning	0	0	4	100		100	1
2	03BP6011	Co-Curricular Activities	0	0	4	100		100	1
		<b>Total</b>	<b>18</b>	<b>6</b>	<b>16</b>			<b>1200</b>	<b>30</b>



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Year-IV Semester-VII<sup>th</sup>

S.NO	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	04BTEE711	ELECTRIC DRIVES	3	1	0	40	60	100	4
2	04BTEE712	POWER STATION PRACTICE	3	1	0	40	60	100	4
3	04BTEE713	ANALOG & DIGITAL COMMUNICATION	3	1	0	40	60	100	4
4	04BTEE714	DEPARTMENTAL ELECTIVE-III	3	1	0	40	60	100	4
5	04BTEE715	OPEN ELECTIVE-1	3	1	0	40	60	100	4
<b>LAB</b>									
1	04BP7010	Seamless Learning	0	0	4	100		100	1
6	04BP7011	Co-Curricular Activities	0	0	4	100		100	1
<b>Total</b>			<b>15</b>	<b>5</b>	<b>18</b>			<b>1200</b>	<b>32</b>

### LIST OF OPEN ELECTIVE-III

- 04BP7010.1-POWER SYSTEM OPERATION AND CONTROL
- 04BP7010.2-ADVANCED MICROPROCESSORS AND MICROCONTROLLERS
- 04BP7010.3 - FLEXIBLE AC TRANSMISSION SYSTEMS
- 04BP7010.4-OBJECT ORIENTED SYSTEMS AND C++

### LIST OF OPEN ELECTIVE-I

- 04BP7011.1-ENTREPRENEURSHIP DEVELOPMENT
- 04BP7011.2-QUALITY MANAGEMENT
- 04BP7011.3-OPERATIONS RESEARCH
- 04BP7011.4-INTRODUCTION TO BIO TECHNOLOGY

Year-IV Semester-VIII<sup>th</sup>

S.N O.	Sub Code	Subject Name	Period			Evaluation Scheme			Credit
			L	T	P	Continuous Assessment	Final Exam	Total	
1	04BTEE810	ELECTRICAL & ELECTRONICS ENGINEERING MATERIALS	3	1	0	40	60	100	4
2	04BTEE811	DEPARTMENTAL ELECTIVE-I	3	1	0	40	60	100	4
3	04BTEE812	EMBEDDED SYSTEMS	3	1	0	40	60	100	4
4	04BTEE813	DEPARTMENTAL ELECTIVE-III	3	1	0	40	60	100	4
<b>LAB</b>									
1	04BP8010	Seamless Learning	0	0	4	100		100	1
3	04BP8011	Co-Curricular Activities	0	0	4	100		100	1
<b>Total</b>			<b>12</b>	<b>4</b>	<b>10</b>			<b>900</b>	<b>26</b>



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## DEPARTMENTALELECTIVE-I

- 04BTEE811.1:EHV AC & DC TRANSMISSION
- 04BTEE811.2:POWER QUALITY
- 04BTEE811.3:IMAGE PROCESSING
- 04BTEE811.4:SATELLITE COMMUNICATION

## DEPARTMENTAL ELECTIVE-III

- 04BTEE813.1:NON-CONVENTIONAL ENERGY RESOURCES
- 04BTEE813.2NON-LINEAR DYNAMIC SYSTEMS
- 04BTEE813.3: AUTOMATION AND ROBOTICS
- 04BTEE813.4:DATA BASE MANAGEMENT SYSTEM AND DATA MININGAND WAREHOUSING

