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## Department Experiment Subject List FIRST YEAR(First Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BAS151 / BAS152	Engineering Physics Lab/ Engineering Chemistry Lab	PS	3	TA	50	50	100
2	BEE151 / BEC151	Basic Electrical Engineering Lab/ Basic Electronics Engineering Lab	PS	3	TA	50	50	100
3	BCS151 / BAS155	Programming for Problem Solving Lab/ English Language Lab	PS	3	TA	50	50	100
4	BCE151 / BWS151	Engineering Graphics & Design Lab/ Workshop Practice Lab	PS	3	TA	50	50	100

## FIRST YEAR(Second Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BAS252 / BAS251	Engineering Chemistry Lab / Engineering Physics Lab	PS	3	TA	50	50	100
2	BEC251 / BEE251	Basic Electronics Engineering Lab/ Basic Electrical Engineering Lab	PS	3	TA	50	50	100
3	BAS255 / BCS251	English Language Lab / Programming for Problem Solving Lab	PS	3	TA	50	50	100
4	BWS251 / BCE251	Workshop Practice Lab / Engineering Graphics & Design Lab	PS	3	TA	50	50	100

## Computer Science and Engineering Second Year (3<sup>rd</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BCS351	Data Structure Lab	PS	2	TA	50	50	100
2	BCS352	Computer Organization and Architecture Lab	PS	2	TA	50	50	100
3	BCS353	Web Designing Workshop	PS	2	TA	50	50	100
4	BCC351	Internship Assessment /Mini Project*	PS	3	TA	100		100

## Second Year (4<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BCS451	Operating System Lab	PS	2	TA	50	50	100
2	BCS452	Object Oriented Programming with Java Lab	PS	2	TA	50	50	100
3	BCS453	Cyber Security Workshop	PS	2	TA	50	50	100
4	BVE451 / BVE452	Sports and Yoga - II / NSS-II	PS	3	TA	100		100

## Electronics and Communication Engineering Second Year (3<sup>rd</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BEC351	Electronics Device Lab	PS	2	TA	50	50	100
2	BEC352	Digital System Design Lab	PS	2	TA	50	50	100
3	BEC353	Network Analysis and Synthesis lab	PS	2	TA	50	50	100
4	BCC351	Internship Assessment /Mini Project*	PS	3	TA	100		100

## Second Year (4<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BEC451	Communication Engineering Lab	PS	2	TA	50	50	100
2	BEC452	Analog Circuits Lab	PS	2	TA	50	50	100
3	BEC453	Signal System	PS	2	TA	50	50	100
4	BVE451 / BVE452	Sports and Yoga - II / NSS-II	PS	3	TA	100		100

## Mechanical Engineering Second Year (3<sup>rd</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BME351	Fluid Mechanics Lab	PS	2	TA	50	50	100
2	BME352	Material Testing Lab	PS	2	TA	50	50	100
3	BME353	Computer Aided Machine Drawing-I Lab	PS	2	TA	50	50	100
4	BCC351	Internship Assessment /Mini Project*	PS	3	TA	100		100

## Second Year (4<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BME451	Applied Thermodynamics Lab	PS	2	TA	50	50	100
2	BME452	Manufacturing Processes Lab	PS	2	TA	50	50	100
3	BME453	Computer Aided Machine Drawing-II Lab	PS	2	TA	50	50	100
4	BVE451 / BVE452	Sports and Yoga - II / NSS-II	PS	3	TA	100		100

## Civil Engineering Second Year (3<sup>rd</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BCE351	Building Planning & Drawing Lab	PS	2	TA	50	50	100
2	BCE352	Surveying and Geomatics Lab	PS	2	TA	50	50	100
3	BCE353	Fluid Mechanics Lab	PS	2	TA	50	50	100
4	BCC351	Internship Assessment /Mini Project*	PS	3	TA	100		100

## Second Year (4<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BCE451	Solid Mechanics Lab	PS	2	TA	50	50	100
2	BCE452	Solid Mechanics Lab	PS	2	TA	50	50	100
3	BCE453	Hydraulics & Hydraulic Machine Lab	PS	2	TA	50	50	100
4	BVE451 / BVE452	Sports and Yoga - II / NSS-II	PS	3	TA	100		100

## Computer Science and Engineering Third Year (5<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCS551	Database Management System Lab	PS	2	TA	25	25	50
2	KCS552	Compiler Design Lab	PS	2	TA	25	25	50
3	KCS553	Design and Analysis of Algorithm Lab	PS	2	TA	25	25	50
4	KCS554	Internship Assessment /Mini Project*	PS	2	TA	50		50

### Third Year (6<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCS651	Software Engineering Lab	PS	2	TA	25	25	50
2	KCS652	Web Technology Lab	PS	2	TA	25	25	50
3	KCS653	Computer Networks Lab	PS	2	TA	25	25	50

### Electronics and Communication Engineering

#### Third Year (5<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KEC551	Integrated Circuits Lab	PS	2	TA	25	25	50
2	KEC552	Microprocessor & Microcontroller Lab	PS	2	TA	25	25	50
3	KEC553	Digital Signal Processing Lab	PS	2	TA	25	25	50
4	KEC554	Internship Assessment /Mini Project*	PS	3	TA	50		50

### Third Year (6<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KEC651	Digital Communication Lab	PS	2	TA	25	25	50
2	KEC652	Control System Lab	PS	2	TA	25	25	50
3	KEC653	Elective Lab	PS	2	TA	25	25	50

## Mechanical Engineering Third Year (5<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BME551	Heat Transfer LAB	PS	2	TA	25	25	50
2	BME552	Python Lab	PS	2	TA	25	25	50
3	BME553	Internet of Things Lab	PS	2	TA	25	25	50
4	BME554	Internship Assessment /Mini Project*	PS	3	TA	50		50

## Third Year (6<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	BME651	Refrigeration and Air Conditioning Lab	PS	2	TA	25	25	50
2	BME652	Machine Design Lab	PS	2	TA	25	25	50
3	BME653	Theory of Machine Lab	PS	2	TA	25	25	50

## Civil Engineering Third Year (5<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCE551	CAD Lab	PS	2	TA	50	50	100
2	KCE552	Geotechnical Engineering Lab	PS	2	TA	50	50	100
3	KCE553	Quantity Estimation and Management Lab	PS	2	TA	50	50	100
4	KCE554	Internship Assessment /Mini Project*	PS	3	TA	100		100

### Third Year (6<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCE651	Transportation Engineering Lab	PS	2	TA	50	50	100
2	KCE652	Environmental Engineering Lab	PS	2	TA	50	50	100
3	KCE653	Structural Detailing Lab	PS	2	TA	50	50	100

### Computer Science and Engineering Final Year (7<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCS752	Internship Assessment /Mini Project*	PS	2	TA	50		50
2	KCS753	Project	PS	2	TA	150		150

### Final Year (8<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCS851	Project-I	PS	2	TA	100	300	400

### Electronics and Communication Engineering Final Year (7<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KEC752	Internship Assessment /Mini Project*	PS	2	TA	50		50
2	KEC753	Project	PS	2	TA	150		150

### Final Year (8<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KEC851	Project-I	PS	2	TA	100	300	400



## Mechanical Engineering Final Year (7<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KME752	Internship Assessment /Mini Project*	PS	2	TA	50		50
2	KME753	Project	PS	2	TA	150		150

## Final Year (8<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KME851	Project-I	PS	2	TA	100	300	400

## Mechanical Engineering Final Year (7<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCE752	Internship Assessment /Mini Project*	PS	2	TA	50		50
2	KCE753	Project	PS	2	TA	150		150

## Final Year (8<sup>th</sup> Semester)

S.No	Subject Code	Subject Name	Type	Period	Sessional Component	Sessional Marks	End Sem Examination	Total
1	KCE851	Project-I	PS	2	TA	100	300	400