G H RAISONI COLLEGE OF ENGINEERING NAGPUR

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

CRPF Gate No.3, Hingna Road,Digdoh Hills, Nagpur. Maharashtra-440016 (India)

Course wise TeachingPlan for Session : Summer 2017

Course : Processor Applications to Power Systems   **Faculty : DR.P.M. DAIGAVANE**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Introduction to microprocessor	12/12/2016	IPSL621	A
1	2	Architecture of microprocessor	12/12/2016	IPSL621	A
1	3	Memory mapping	13/12/2016	IPSL621	A
1	4	Instruction set	15/12/2016	IPSL621	A
1	5	timing daigram	16/12/2016	IPSL621	A
1	6	Interfacing device	19/12/2016	IPSL621	A
1	7	Introduction to 8086	19/12/2016	IPSL621	A
1	8	8086 Pin daigram	20/12/2016	IPSL621	A
1	9	8086 Architecture	22/12/2016	IPSL621	A
1	10	Minimum Mode	23/12/2016	IPSL621	A
1	11	Maximum Mode	26/12/2016	IPSL621	A
1	12	Instruction set of 8086	26/12/2016	IPSL621	A
1	13	8086 programming	27/12/2016	IPSL621	A
1	14	8086 programming	29/12/2016	IPSL621	A
1	15	8086 programming	30/12/2016	IPSL621	A
1	16	8051 microcontroller archtecture	02/01/2017	IPSL621	A
1	17	Minimum Mode	02/01/2017	IPSL621	A
1	18	Minimum Mode	03/01/2017	IPSL621	A
1	19	Minimum Mode	05/01/2017	IPSL621	A
1	20	Minimum Mode	06/01/2017	IPSL621	A
1	21	Minimum Mode	09/01/2017	IPSL621	A
1	22	Minimum Mode	09/01/2017	IPSL621	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Processor Applications to Power Systems   **Faculty : DR.P.M. DAIGAVANE**

Unit	Topic Code	Topic Covered	Date	Course	Section
2	23	Minimum Mode	10/01/2017	IPSL621	A
2	24	Minimum Mode	12/01/2017	IPSL621	A
3	25	Minimum Mode	13/01/2017	IPSL621	A
2	26	8051 microcontroller instruction	16/01/2017	IPSL621	A
2	27	8051 microcontroller programming	16/01/2017	IPSL621	A
2	28	Microcontroller timer	17/01/2017	IPSL621	A
2	29	Microcontroller serial mode	23/01/2017	IPSL621	A
2	30	Microcontroller serial mode	23/01/2017	IPSL621	A
2	31	Microcontroller interrupts	24/01/2017	IPSL621	A
3	32	Memory map	27/01/2017	IPSL621	A
2	33	Memory map	30/01/2017	IPSL621	A
3	34	Dsp processor 2812 block daigram	30/01/2017	IPSL621	A
3	35	Dsp processor 2812	31/01/2017	IPSL621	A
3	36	Dsp processor 2812	02/02/2017	IPSL621	A
3	37	Dsp processor 2812	03/02/2017	IPSL621	A
5	38	DAC Interfacing	06/02/2017	IPSL621	A
5	39	Lcd Display	06/02/2017	IPSL621	A
5	40	stepper motor	07/02/2017	IPSL621	A
5	41	application of dsp	09/02/2017	IPSL621	A
4	42	Application of FPGA to power system	10/02/2017	IPSL621	A
4	43	Application of FPGA to power system	13/02/2017	IPSL621	A
4	44	Application of FPGA to power system	13/02/2017	IPSL621	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Processor Applications to Power Systems **Faculty : DR.P.M. DAIGAVANE**

Unit	Topic Code	Topic Covered	Date	Course	Section
5	45	Fundamentals of DSP 28335	14/02/2017	IPSL621	A
5	46	Fundamentals of DSP 28335	20/02/2017	IPSL621	A
5	47	Fundamentals of DSP 28335	20/02/2017	IPSL621	A
5	48	case study on application of microcontroller	21/02/2017	IPSL621	A
5	49	case study on application of microcontroller	27/02/2017	IPSL621	A
5	50	case study on application of microcontroller	27/02/2017	IPSL621	A
5	51	case study on application of microcontroller	28/02/2017	IPSL621	A
5	52	case study on application of microcontroller	02/03/2017	IPSL621	A
5	53	case study on application of microcontroller	03/03/2017	IPSL621	A
5	54	case study on application of microcontroller	06/03/2017	IPSL621	A
0	55	Revison	06/03/2017	IPSL621	A
0	56	Revison	07/03/2017	IPSL621	A
0	57	Revison	09/03/2017	IPSL621	A
0	58	Revison	10/03/2017	IPSL621	A
0	59	Revison	14/03/2017	IPSL621	A
0	60	Revison	16/03/2017	IPSL621	A
0	61	Revison	17/03/2017	IPSL621	A
0	62	Revison	20/03/2017	IPSL621	A
0	63	Revison	20/03/2017	IPSL621	A
0	64	Revison	21/03/2017	IPSL621	A
0	65	Revison	23/03/2017	IPSL621	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Processor Applications to Power Systems   **Faculty : DR.P.M. DAIGAVANE**

Unit	Topic Code	Topic Covered	Date	Course	Section
0	66	Revison	24/03/2017	IPSL621	A
0	67	Revison	27/03/2017	IPSL621	A
0	68	Revison	27/03/2017	IPSL621	A
0	69	Revison	28/03/2017	IPSL621	A
0	70	Revison	30/03/2017	IPSL621	A
0	71	Revison	31/03/2017	IPSL621	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Processor Applications to Power Systems Lab   **Faculty : DR.P.M. DAIGAVANE**

Unit	Topic Code	Topic Covered	Date	Course	Section
2	3	Program on unit no.2	04/01/2016	IPSP621	A
1	1	Program on unit no.1	14/12/2016	IPSP621	A
1	2	Program on unit no.1	21/12/2016	IPSP621	A
3	5	Program on unit no.3	11/01/2017	IPSP621	A
3	6	Program on unit no.3	18/01/2017	IPSP621	A
4	7	Program on unit no.4	25/01/2017	IPSP621	A
5	9	Program on unit no.5	01/02/2017	IPSP621	A
5	10	Program on unit no.5	08/02/2017	IPSP621	A
5	11	Program on unit no.5	15/02/2017	IPSP621	A
6	12	Program on unit no.6	22/02/2017	IPSP621	A
6	13	Program on unit no.6	01/03/2017	IPSP621	A
6	14	Program on unit no.6	08/03/2017	IPSP621	A
6	15	revison	15/03/2017	IPSP621	A
6	16	revison	22/03/2017	IPSP621	A
6	17	revison	29/03/2017	IPSP621	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Energy Systems Management **Faculty : Ms. Shradha Krishna Umathe**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Introduction to Subject & its Application in Allied Areas	12/12/2016	IPSL532	A
1	2	Load flow Analysis	13/12/2016	IPSL532	A
1	3	Gauss Seidel Method	13/12/2016	IPSL532	A
1	4	Newton Raphson Method	16/12/2016	IPSL532	A
1	5	Fast decoupled load flow	16/12/2016	IPSL532	A
1	6	dc load flow	19/12/2016	IPSL532	A
1	7	Contingency Analysis	20/12/2016	IPSL532	A
1	8	Contingency Analysis	20/12/2016	IPSL532	A
1	9	Numericals	23/12/2016	IPSL532	A
1	10	Numericals	23/12/2016	IPSL532	A
1	11	Numericals	26/12/2016	IPSL532	A
1	12	Numericals	27/12/2016	IPSL532	A
1	13	Numericals	27/12/2016	IPSL532	A
2	14	Representation of transmission loss by B coefficient	30/12/2016	IPSL532	A
2	15	Representation of transmission loss by B coefficient	30/12/2016	IPSL532	A
2	16	Interactive producer for the solution, of co-ordination equation	02/01/2017	IPSL532	A
2	17	Interactive producer for the solution, of co-ordination equation	03/01/2017	IPSL532	A
2	18	Derivation of transmission loss TAE - I	03/01/2017	IPSL532	A
2	19	Derivation of transmission loss	06/01/2017	IPSL532	A
2	20	Emission Dispatch	06/01/2017	IPSL532	A
2	21	Effects of Pollutions, Problem, formulation	09/01/2017	IPSL532	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Energy Systems Management   **Faculty : Ms. Shradha Krishna Umathe**

Unit	Topic Code	Topic Covered	Date	Course	Section
2	22	Practical measures Regulations	10/01/2017	IPSL532	A
2	23	Practical measures Regulations	10/01/2017	IPSL532	A
2	24	Numericals	13/01/2017	IPSL532	A
2	25	Numericals	13/01/2017	IPSL532	A
2	26	Advanced Methods	16/01/2017	IPSL532	A
2	27	Advanced Methods	17/01/2017	IPSL532	A
2	28	Advanced Methods	17/01/2017	IPSL532	A
3	29	Optimal Power Flow	23/01/2017	IPSL532	A
3	30	Optimal Power Flow: Introduction	24/01/2017	IPSL532	A
3	31	sub problem of OPF	24/01/2017	IPSL532	A
3	32	sub problem of OPF	27/01/2017	IPSL532	A
3	33	Methods for OPF solution	27/01/2017	IPSL532	A
3	34	Methods for OPF solution	30/01/2017	IPSL532	A
3	35	Gradient method	31/01/2017	IPSL532	A
3	36	Co-ordination of steam, Hydro and Nuclear Power Solutions	31/01/2017	IPSL532	A
3	37	Optimum generation allocation to thermal units	03/02/2017	IPSL532	A
3	38	Input Output curve of a power generation unit	03/02/2017	IPSL532	A
3	39	optimal generation allocation without losses	06/02/2017	IPSL532	A
3	40	Reactive power management	07/02/2017	IPSL532	A
3	41	TAE - II	07/02/2017	IPSL532	A
3	42	Elementary introduction to deregulated Power System and Market	10/02/2017	IPSL532	A
3	43	Elementary introduction to deregulated Power System and Market	10/02/2017	IPSL532	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Energy Systems Management   **Faculty : Ms. Shradha Krishna Umathe**

Unit	Topic Code	Topic Covered	Date	Course	Section
3	44	Numericals	13/02/2017	IPSL532	A
3	45	Numericals	14/02/2017	IPSL532	A
3	46	Numericals	14/02/2017	IPSL532	A
3	47	Numericals	17/02/2017	IPSL532	A
4	48	Introduction	17/02/2017	IPSL532	A
4	49	Hydro-thermal co-ordination	20/02/2017	IPSL532	A
4	50	Advantages of co-ordination	21/02/2017	IPSL532	A
4	51	Advantages of co-ordination	21/02/2017	IPSL532	A
4	52	Optimal scheduling of hydrothermal system	27/02/2017	IPSL532	A
4	53	Optimal scheduling of hydrothermal system	28/02/2017	IPSL532	A
4	54	Combined working of Runoff river plant with steam plant	28/02/2017	IPSL532	A
4	55	Combined working of Runoff river plant with steam plant	03/03/2017	IPSL532	A
4	56	Combined working of Runoff river plant with steam plant	03/03/2017	IPSL532	A
4	57	TAE - III	06/03/2017	IPSL532	A
4	58	Pumped storage hydro plants	07/03/2017	IPSL532	A
4	59	Numericals	07/03/2017	IPSL532	A
4	60	Numericals	10/03/2017	IPSL532	A
4	61	Numericals	10/03/2017	IPSL532	A
4	62	Numericals	13/03/2017	IPSL532	A
5	63	Pumped storage hydro plants	14/03/2017	IPSL532	A
5	64	Introduction Unit Commitment	14/03/2017	IPSL532	A
5	65	Unit Commitment	17/03/2017	IPSL532	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Energy Systems Management   **Faculty : Ms. Shradha Krishna Umathe**

Unit	Topic Code	Topic Covered	Date	Course	Section
5	66	Optimal Unit commitment	17/03/2017	IPSL532	A
5	67	Solution to unit commitment by Dynamic programming	20/03/2017	IPSL532	A
5	68	Solution to unit commitment by Dynamic programming	21/03/2017	IPSL532	A
5	69	TAE - V	21/03/2017	IPSL532	A
5	70	Optimal unit commitment with security	24/03/2017	IPSL532	A
5	71	Performance optimization by reactive power control	24/03/2017	IPSL532	A
5	72	Performance optimization by reactive power control	27/03/2017	IPSL532	A
5	73	Revision	28/03/2017	IPSL532	A
5	74	Revision	28/03/2017	IPSL532	A
5	75	Revision	31/03/2017	IPSL532	A

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Course wise TeachingPlan for Session : Summer 2017

Course : FACTS   **Faculty : YEJJALA NAVEEN KUMAR**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	SSR, Determination of SSR Methods of analysis SSR,	12/12/2016	IPSL626	A
1	2	Eigen value analysis	14/12/2016	IPSL626	A
1	3	Frequency domain analysis	15/12/2016	IPSL626	A
1	4	Analysis of SSR with fixed series compensation	16/12/2016	IPSL626	A
1	5	HVDC converter control	19/12/2016	IPSL626	A
1	6	Counter measures for SSR	21/12/2016	IPSL626	A
1	7	System planning considerations	22/12/2016	IPSL626	A
1	8	Series Vs shunt compensation	23/12/2016	IPSL626	A
1	9	Static blocking filter	26/12/2016	IPSL626	A
1	10	By pass damping filter Damping scheme , N.G. Hingorani Damping scheme , Dynamic stabilizers.	28/12/2016	IPSL626	A
2	11	Voltage stability, Basic concepts	29/12/2016	IPSL626	A
2	12	Active/Reactive power flow transmission using elementary models	30/12/2016	IPSL626	A
2	13	Difficulties with reactive power transmission	02/01/2017	IPSL626	A
2	14	classification, methods of analysis, voltage collapse	04/01/2017	IPSL626	A
2	15	Factors affecting Voltage stability	05/01/2017	IPSL626	A
2	16	Transient voltage stability	06/01/2017	IPSL626	A
2	17	Long-term voltage instability and its prevention	09/01/2017	IPSL626	A
2	18	continuation power flow.	11/01/2017	IPSL626	A
3	19	Comparison of rotor angle stability	12/01/2017	IPSL626	A
3	20	voltage stability.	13/01/2017	IPSL626	A
3	21	(P-V) curves (nose curves	16/01/2017	IPSL626	A

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Course wise TeachingPlan for Session : Summer 2017

Course : FACTS   **Faculty : YEJJALA NAVEEN KUMAR**

Unit	Topic Code	Topic Covered	Date	Course	Section
3	22	Methods of analysis	18/01/2017	IPSL626	A
3	23	Dynamic and Static analysis	25/01/2017	IPSL626	A
3	24	Modeling requirements for voltage stability	26/01/2017	IPSL626	A
3	25	Modeling requirements for voltage stability	27/01/2017	IPSL626	A
3	26	Recent case studies	30/01/2017	IPSL626	A
3	27	Recent case studies	01/02/2017	IPSL626	A
3	28	problems	02/02/2017	IPSL626	A
3	29	problems	03/02/2017	IPSL626	A
3	30	problems	06/02/2017	IPSL626	A
4	31	Static VAR compensator (SVC)	08/02/2017	IPSL626	A
4	32	Types of SVC characteristics of ideal and realistic SVC their operation	09/02/2017	IPSL626	A
4	33	Composite characteristics	10/02/2017	IPSL626	A
4	34	modeling of SVC	13/02/2017	IPSL626	A
4	35	Six pulse TCR	15/02/2017	IPSL626	A
4	36	Application of SVC	16/02/2017	IPSL626	A
4	37	Flexible AC Transmission Systems (FACTS) Applications	17/02/2017	IPSL626	A
4	38	Flexible AC Transmission Systems (FACTS) Applications	20/02/2017	IPSL626	A
4	39	Flexible AC Transmission Systems (FACTS) Applications	22/02/2017	IPSL626	A
4	40	Flexible AC Transmission Systems (FACTS) Applications	23/02/2017	IPSL626	A
5	41	Basic concepts, Voltage source converters	24/02/2017	IPSL626	A
5	42	Current source converter comparison of STATCOM and SVC	27/02/2017	IPSL626	A

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Course wise TeachingPlan for Session : Summer 2017

Course : FACTS   **Faculty : YEJJALA NAVEEN KUMAR**

Unit	Topic Code	Topic Covered	Date	Course	Section
5	43	Static Voltage and phase angle regulators	01/03/2017	IPSL626	A
5	44	TCVR and TCPAR combine compensator	02/03/2017	IPSL626	A
5	45	UPFC (Unified Power Flow),	03/03/2017	IPSL626	A
5	46	IPFC (Interline power flow controller)	06/03/2017	IPSL626	A
5	47	IPFC (Interline power flow controller)	08/03/2017	IPSL626	A
5	48	Active Filters (Series and Shunt types only)	09/03/2017	IPSL626	A
5	49	Active Filters (Series and Shunt types only)	10/03/2017	IPSL626	A
5	50	Advanced topic on the subject.	13/03/2017	IPSL626	A
1	51	Revision	15/03/2017	IPSL626	A
1	52	Revision	16/03/2017	IPSL626	A
2	53	Revision	17/03/2017	IPSL626	A
2	54	Revision	20/03/2017	IPSL626	A
3	55	Revision	22/03/2017	IPSL626	A
3	56	Revision	23/03/2017	IPSL626	A
4	57	Revision	24/03/2017	IPSL626	A
4	58	Revision	27/03/2017	IPSL626	A
5	59	Revision	29/03/2017	IPSL626	A
5	60	Revision	30/03/2017	IPSL626	A

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Course wise TeachingPlan for Session : Summer 2017

Course : HVDC Transmission system   **Faculty : ANUSHA YERRA**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Brief Outline of conventional commercial power plants.	13/12/2016	IPSL623	A
1	2	Thermal, Hydro, Nuclear, Solar, Wind etc.,	14/12/2016	IPSL623	A
1	3	Thermal, Hydro, Nuclear, Solar, Wind etc.,	14/12/2016	IPSL623	A
1	4	Thermal, Hydro, Nuclear, Solar, Wind etc.,	16/12/2016	IPSL623	A
1	5	Division each type of power plant in total installed capacity	20/12/2016	IPSL623	A
1	6	Concept of adequacy and security,	21/12/2016	IPSL623	A
1	7	System Analysis.	21/12/2016	IPSL623	A
1	8	Selection of units.	23/12/2016	IPSL623	A
1	9	Load forecasting,	27/12/2016	IPSL623	A
1	10	Introduction to Energy Conservation.	28/12/2016	IPSL623	A
2	11	Classification of load forecasting uncertainty. .	28/12/2016	IPSL623	A
2	12	The concept of reliability,	30/12/2016	IPSL623	A
2	13	reliability indices	03/01/2017	IPSL623	A
2	14	Component reliability hazards models conventional UP–DOWN times.	04/01/2017	IPSL623	A
2	15	Absolute and relative measures.	04/01/2017	IPSL623	A
2	16	Power system reliability.	06/01/2017	IPSL623	A
2	17	Outage definition.	13/01/2017	IPSL623	A
2	18	Construction of reliability models.	17/01/2017	IPSL623	A
3	19	Generation planning.	18/01/2017	IPSL623	A
3	20	Generation system model,	18/01/2017	IPSL623	A
3	21	Loss of load indices,	24/01/2017	IPSL623	A

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Course wise TeachingPlan for Session : Summer 2017

Course : HVDC Transmission system   **Faculty : ANUSHA YERRA**

Unit	Topic Code	Topic Covered	Date	Course	Section
3	22	force outage rates,	25/01/2017	IPSL623	A
3	23	loss of energy indices.	25/01/2017	IPSL623	A
3	24	Reserve capacity evaluation,	27/01/2017	IPSL623	A
3	25	frequency and duration method.	31/01/2017	IPSL623	A
3	26	System risk indices.	01/02/2017	IPSL623	A
3	27	Generation expansion planning.	01/02/2017	IPSL623	A
4	28	Transmission planning.	03/02/2017	IPSL623	A
4	29	Probability arrays method of two interconnected system	07/02/2017	IPSL623	A
4	30	equivalent assisting unit approach to interconnected system.	08/02/2017	IPSL623	A
4	31	Factors affecting the emergency assistance available through interconnection.	08/02/2017	IPSL623	A
4	32	Factors affecting the emergency assistance available through interconnection.	14/02/2017	IPSL623	A
4	33	Weather effects on transmission lines,	15/02/2017	IPSL623	A
4	34	load point indices.	15/02/2017	IPSL623	A
4	35	Transmission planning under deregulated environment.	28/02/2017	IPSL623	A
4	36	Transmission planning under deregulated environment.	01/03/2017	IPSL623	A
5	37	Transmission reliability evaluation.	01/03/2017	IPSL623	A
5	38	Distribution system reliability.	03/03/2017	IPSL623	A
5	39	Basic concept,	07/03/2017	IPSL623	A
5	40	Customer Oriented indices in Distribution System of Planning,	08/03/2017	IPSL623	A
5	41	parallel and mesh networks.	08/03/2017	IPSL623	A

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Course wise TeachingPlan for Session : Summer 2017

Course : HVDC Transmission system   **Faculty : ANUSHA YERRA**

Unit	Topic Code	Topic Covered	Date	Course	Section
5	42	Effect of transferable load economy considerations.	10/03/2017	IPSL623	A
5	43	Planning of Generation using non-conventional (renewable) Energy sources.	17/03/2017	IPSL623	A
5	44	Planning of Generation using non-conventional (renewable) Energy sources.	21/03/2017	IPSL623	A
5	45	Recent Case studies.	22/03/2017	IPSL623	A
5	46	Advanced topic on the subject.	22/03/2017	IPSL623	A
5	47	Review	24/03/2017	IPSL623	A
5	48	Review	28/03/2017	IPSL623	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Load Forecasting and Load management   **Faculty : Mr. Jagdish G. Choudhari**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Introduction to the subject with objectives	12/12/2016	IPSL628	A
1	1	Intoduction to the subject and objectives	12/12/2016	IPSL628	A
1	2	Intoduction to the subject and objectives	14/12/2016	IPSL628	A
1	3	Classification	15/12/2016	IPSL628	A
1	4	Classification	16/12/2016	IPSL628	A
1	5	characteristics of loads	19/12/2016	IPSL628	A
1	6	characteristics of loads	21/12/2016	IPSL628	A
1	7	Approaches to load forecasting	22/12/2016	IPSL628	A
1	8	Forecasting methodology.	23/12/2016	IPSL628	A
1	9	TAE I	26/12/2016	IPSL628	A
1	10	Different Strategies	28/12/2016	IPSL628	A
1	11	Different Strategies	29/12/2016	IPSL628	A
1	12	Load Modelling	30/12/2016	IPSL628	A
1	13	Load Modelling	02/01/2017	IPSL628	A
2	14	Energy forecasting	04/01/2017	IPSL628	A
2	15	Peak demand forecasting	05/01/2017	IPSL628	A
2	16	Peak demand forecasting	06/01/2017	IPSL628	A
2	17	Non-weather sensitive forecast	09/01/2017	IPSL628	A
2	18	Weather sensitive forecast	11/01/2017	IPSL628	A
2	19	Weather sensitive forecast	12/01/2017	IPSL628	A
2	20	Total forecast	13/01/2017	IPSL628	A
2	21	Annual forecasts	16/01/2017	IPSL628	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Load Forecasting and Load management   **Faculty : Mr. Jagdish G. Choudhari**

Unit	Topic Code	Topic Covered	Date	Course	Section
2	22	Electric energy production	18/01/2017	IPSL628	A
2	23	Applications of state estimation to load forecasting	23/01/2017	IPSL628	A
2	24	Monthly peak demand forecast	25/01/2017	IPSL628	A
2	25	Monthly peak demand forecast	27/01/2017	IPSL628	A
3	26	Load Management	30/01/2017	IPSL628	A
3	27	Introduction to load management	01/02/2017	IPSL628	A
3	28	Electric energy production	02/02/2017	IPSL628	A
3	29	Load Management	03/02/2017	IPSL628	A
3	30	Delivery system structure (EEPDS)	06/02/2017	IPSL628	A
3	31	Demand side management.	08/02/2017	IPSL628	A
3	32	Demand side management.	10/02/2017	IPSL628	A
3	33	Load side management Comparison	13/02/2017	IPSL628	A
3	34	Load side management Comparison	15/02/2017	IPSL628	A
3	35	TAE II	16/02/2017	IPSL628	A
3	36	TAE II	17/02/2017	IPSL628	A
4	37	Design alternatives for EEPD systems	20/02/2017	IPSL628	A
4	38	Communication technology	22/02/2017	IPSL628	A
4	39	Design alternatives for EEPD systems	27/02/2017	IPSL628	A
4	40	Control technologies	01/03/2017	IPSL628	A
4	41	load management.	02/03/2017	IPSL628	A
4	42	TAE III	03/03/2017	IPSL628	A
4	43	LOLE	06/03/2017	IPSL628	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Load Forecasting and Load management　　　　　　　　**Faculty : Mr. Jagdish G. Choudhari**

Unit	Topic Code	Topic Covered	Date	Course	Section
4	44	LOLE	08/03/2017	IPSL628	A
4	45	Numericals based on LOLE	09/03/2017	IPSL628	A
4	46	Numericals based on LOLE	10/03/2017	IPSL628	A
4	47	Different load parameters	13/03/2017	IPSL628	A
4	48	Different load parameters	15/03/2017	IPSL628	A
4	49	TAE V	16/03/2017	IPSL628	A
5	50	Tariff structure	17/03/2017	IPSL628	A
5	51	load management	20/03/2017	IPSL628	A
5	52	Some principles of microeconomics	22/03/2017	IPSL628	A
5	58	Load Indices	22/03/2017	IPSL628	A
5	53	Energy pricing strategies	23/03/2017	IPSL628	A
5	59	Numericals based on load indices	23/03/2017	IPSL628	A
5	54	Assessing the impacts of load management	24/03/2017	IPSL628	A
1	60	Revision	24/03/2017	IPSL628	A
5	55	Load Indices	27/03/2017	IPSL628	A
2	61	Revision	27/03/2017	IPSL628	A
5	56	Numericals based on load indices	29/03/2017	IPSL628	A
3	62	Revision	29/03/2017	IPSL628	A
5	57	Advanced topic	30/03/2017	IPSL628	A
4	63	Revision	30/03/2017	IPSL628	A
5	64	Revision	31/03/2017	IPSL628	A

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Course wise TeachingPlan for Session : Summer 2017

Course : Power Electronics Application Lab   **Faculty : Dr. D. R. Tutakne**

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	To study IPM based power module (PEC DSM01)	17/12/2016	IPSP629	A
1	2	To study speed control of dc motor using four quadrant chopper	24/12/2016	IPSP629	A
2	3	To study the constant V/F speed control method of 3 phase IM using three phase inverter	31/12/2016	IPSP629	A
2	4	To control the speed of BLDC Motor 1)Open loop control 2) Closed loop control	07/01/2017	IPSP629	A
3	5	To develop a simulink model for the transformation of 3 phase a-b-c from variable to q-d variabls	14/01/2017	IPSP629	A
3	6	To study the VVVF control of IM using Eurotherm AC Drive	28/01/2017	IPSP629	A
4	7	To study the speed sensorless control of IM using Eurotherm AC drive	04/02/2017	IPSP629	A
4	8	To study the Eurotherm 590 + series D.C. Drive	11/02/2017	IPSP629	A
5	9	To study switched reluctance motor drive	18/02/2017	IPSP629	A
5	10	To study the Eurotherm 690 + series D.C. Drive	04/03/2017	IPSP629	A
6	11	Openended	11/03/2017	IPSP629	A
0	12	Revision	18/03/2017	IPSP629	A
0	13	Revision	25/03/2017	IPSP629	A