



Curriculum Enrichment Procedure & Initiatives

Following Steps are followed by 'Savitribai Phule Pune University' for Curriculum Revision & Enrichment.

1. Board of Studies of Electrical Engineering organizes workshop for discussion & getting inputs from various stake holders ie. Faculty, industrial experts, members of professional bodies who form groups and refer curriculum of other prominent universities is referred for restructuring the revised syllabi.
2. Draft of curriculum is discussed & finalized in the workshop in consultation with all and forwarded to 'Board of Studies'.
3. The revised draft is discussed & finalized for recommendations to Faculty of Science & Technology for final approval in BOS meeting.
4. Members of engineering faculty discuss & approve the draft of syllabus for recommendations to Academic Council.
5. Academic Council approves final draft copy of syllabus & it is circulated to all the colleges under affiliation.
6. Stake holders involved in curriculum development:
 - i. Faculty members from affiliated colleges of SPPU
 - ii. Invited faculty from reputed institutions
 - iii. Feedback received from various institutes based on inputs received at institute/industry/department level from various stake holders such as Alumni, industrial professionals, recruiters etc..
 - iv. Invited industry experts & professionals from R&D organizations.


HOD-Electrical

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Consolidation & Summary of feedback on Curriculum Enrichment by Industry

Course: SE 2015 A.Y. 2015-16

Following suggestions received from Industry persons for curriculum enrichment for SE 2015 course of Electrical Engineering.

Sr. No.	Name of Company	Concerned Person with Designation	Subject	Suggestions
1	Electrical Consultant	Dr. O.G.Kulkarni	Audit Course-I	Different Standards and certification for Solar Power.
2	Sustainable Solutions	Dr. M.R.Rathi	Power Generation Technologies	Shading Impacts on I-V curves
3	TDK Ltd-Nashik	Mr. Sudhir Patil	Material Science	Introduction to laser and magnetic strip technology
4	CGL-Ltd.	Mr. Shailesh Joshi	Electrical Measurements	Measurement of power using power analyser
5	M/s Electomotives	Mr. Ravindra Wadlikar	Analogue & Digital Electronics	Applications of precision rectifier
6	TDK Ltd-Nashik	Dr. Manoj Mandlik R&D Head	Audit Course-II	To understand grid tied SPV solar plants
7	Link Servo Pvt. Ltd.	Mr. Ganesh Bhagwat	Electrical Machines-I	testing of three phase induction motor as per IS 325 & IS 4029

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Consolidation & Summary of feedback on Curriculum Enrichment by Industry

Course: TE 2015 A.Y. 2016-17

Following suggestions received from Industry persons for curriculum enrichment for TE 2015 course of Electrical Engineering.

Sr. No.	Name of Company	Concerned Person with Designation	Subject	Suggestions
2	CGL-Nashik	Mr. Ganesh Bhavsar	Electrical Machines-II	Phasor diagram of Salient-pole generator and calculation of voltage regulation.
3	Mahindra & Mahindra	Mr. Nobert D'Souza	Industrial and Technology Management	Environmental Management System Standard
4	IREEN	Mr. N.M.Rao Professor	Utilization of Electrical Energy	Introduction to train tracking system, types. Anti-collision system-brief treatment only
5	CGL-Nashik	Mr. Himanshu Joshi	Electrical Installation, Maint. & Testing	Advance tools and techniques of condition monitoring
6	L&T Nashik	Mr. Kaushal Kansara	Audit Course-III	Software tools for simulation, validation and economics of WEG
7	General Maintenance Company	Mr. Dheeraj Methikar	Advance Microcontroller and its Applications	1. Interfacing DAC with PIC18F458 2. Buck Boost Chopper (Descriptive Treatment)

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Consolidation & Summary of feedback on Curriculum Enrichment by Industry

Course: BE 2015 A.Y. 2017-18

Following suggestions received from Industry persons for curriculum enrichment for BE 2015 course of Electrical Engineering.

Sr. No.	Name of Company	Concerned Person with Designation	Subject	Suggestions
1	CG Power and Industrial Solutions Ltd	Mr. John YESURAJ General Manager – R&D	Switchgear & Protection	Detailed implementation of IEC 61850 Goose Technology & related component selection
2	ABB Ltd.	Mr. Sachhin Mishra Product Manager	Power System Operation & Control	Distribution system reliability evaluation procedure
3	CG Power and Industrial Solutions Ltd	Rahul S.Patil Incharge-GIS divn	Switchgear & Protection	Study of GIS and its various modules
4	Sanjay Tools Pvt. Ltd.	Mandar S. Gokarn Owner	Renewable Energy Systems	Single c-Si, Poly c-Si, thin film PV Cell concept
5	TDK Ltd-Nashik	Dr. Manoj Mandlik R&D Head	EHV AC Transmission System	Deletion of following Topic: Design of cylindrical cages for corona experiments- single conductor concentric with cylinder, single conductor with eccentricity.
6	TDK Ltd-Nashik	Mr. Sudhir Patil	Electric and Hybrid Vehicles	Hybridization of energy storage in EVs
7	TDK Ltd-Nashik	Dr. R. Venkatesh Vice President	Power Quality	Special Effects of Harmonics on Electrical Equipments, cables, switchgears, Meters etc.
8	General Maintenance Company	Mr. Dheeraj Methikar	Power Electronic Controlled Drives	Details of motor drives fed from VSI and CSI

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