

Department of Electrical Engineering
K.K. Wagh Institute of Engineering Education and Research
 Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003



Ref: KKWIEER/Electrical/37/A/2021

Date: February 15, 2021

Hon. Chairman
 Board of Studies (Electrical)
 Savitribai Phule Pune University, Pune

Subject: Request to consider following suggestions in curriculum/syllabus revision

Respected sir,
 After the completion of Semester I of the Academic Year 2020-21, we have collected the feedback of faculty members about their subjects. From this feedback, the following suggestions have been received class-wise and subject-wise.

Class: Second Year Engineering [Semester-I]

Sr. No.	Subject	Suggestions
1	Analog and Digital Electronics	Logic gates and flip-flop can be removed. Practical aspects related to the digital circuit design using VLSI may be added for the enrichment of the course.
2	Power Generation Technologies	Municipal solid waste to energy conservation can be removed whereas grid interconnection may be added for the enrichment of the course.
3	Electrical Measurement and Instrumentation	Advanced electronic instruments can be included in the revised course.

Class: Third Year Engineering [Semester-I]

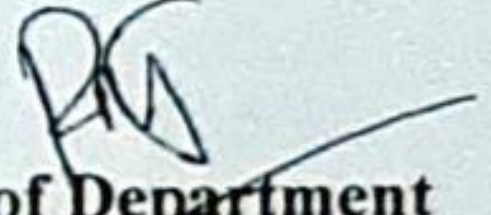
Sr. No.	Subject	Suggestions
1	Electrical Installation Maintenance and Testing	Safety precautions in Unit 6 can be removed and guidelines for preparing tender can be added for the enrichment of the course.
2	Electrical Machines-II	Linear Induction Motor, Induction Generator can be removed. Time is not sufficient for teaching the complete course.
3	Industrial Technology Management	National Innovation and Startup Policy 2019 should be added for the enrichment of the course.
4	Advanced Microcontroller and its Applications	Programming of the Enhanced Capture/compare/PWM module may be added to the revised course.
5	Power Electronics	Syllabus is not in proper order. Devices should be taught first and then the converters should be taught.




Class: Fourth Year Engineering [Semester-I]

Sr. No.	Subject	Suggestions
1	Control System-II	Z-transform which is covered in mathematics course can be excluded. Introduction to the nonlinear system can be added.
2	Electric & Hybrid Vehicle	Aluminum –Air battery, solid-state battery module can be added for course enrichment.
3	PLC & SCADA Applications	Protocol details and their hardware, connectors module can be added for the enrichment of the course

Thanking you


Head of Department
Electrical Engineering
KKWIEER

Received




Summary of the Teachers Feedback

February 10, 2021

CLASS: SECOND YEAR ENGINEERING [SEM-I]

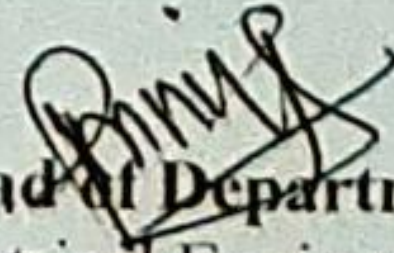
Sr. No.	Name of faculty	Name of Subject
1	Prof. Jadhav Ganesh	Analog and Digital Electronics
2	Prof. Jaya Mane	Power Generation Technologies
3	Prof. S.K.Shinde	Electrical Measurement and Instrumentation
4	Prof. A.M Shewale	Electrical Measurement and Instrumentation
5	Prof. Nayana Jangale	Analog and Digital Electronics

CLASS: THIRD YEAR ENGINEERING [SEM-I]

Sr. No.	Name of faculty	Name of Subject
1	Prof. Ahire Rupali	Electrical installation maintenance and testing
2	Prof. S.S.Dhamal	Electrical machine-II
3	Prof. S.A.Sagare	Industrial technology management
4	Prof. J.P.Shah	Industrial technology management
5	Prof. Gautam Pankaj	Advanced microcontroller and its applications
6	Prof. B.V.Deshmukh	Power Electronics
7	Prof. J.D.Patil	Electrical machine-II

CLASS: FOURTH YEAR ENGINEERING [SEM-I]

Sr. No.	Name of faculty	Name of Subject
1	Prof. Khairnar Sunita	Control system-II
2	Prof. J.P.Shah	Electrical Hybrid Vehicle
3	Prof. S.K.Shinde	Power Quality
4	Prof. A.M Shewale	PLC&SCADA
5	Prof. T.N.Date	Power Quality
6	Prof. Gautam Pankaj	PLC&SCADA
7	Prof. Dr. R.K. Munje	Control System-II


Head of Department
Electrical Engineering
KKWIEER



Ref: KKWIEER/Electrical/1246/2021

Date: July 31, 2021

Hon. Chairman

Board of Studies (Electrical)

Savitribai Phule Pune University, Pune

[Through Proper Channel]

Subject: Request to consider following suggestions in curriculum/syllabus revision

Respected sir,

After the completion of Semester II of the Academic Year 2020-21, we have collected the feedback of faculty members about their subjects. From this feedback, the following suggestions have been received class-wise and subject-wise.

Class: Second Year Engineering [Semester-II]

Sr. No.	Subject	Suggestions
1	Power System	The flux linkage approach in inductance calculation can be replaced by GMD&GMR. AC and DC distribution system, Billing in Maharashtra, electricity updated policy can be added to the revised course. Also, one credit should be increased in course.
2	Fundamental of Microcontroller & and its Applications	LCD interfacing and programming may be added for the enrichment of the course.
3	Network Analysis System	Waveform synthesis, singularity function can be added for the enrichment of the course.

Class: Third Year Engineering [Semester-II]

Sr. No.	Subject	Suggestions
1	Control system-I	Syncros can be replaced with the design of a compensator
2	Power System-II	The number of lectures assigned to the course is not sufficient for the completion. Decoupled and fast decoupled load flow may be added in the revised course.
3	Design of Electrical Machine	Voltage distribution along windings may be added for the enrichment of the course. Also, the time is not sufficient.
4	Utilization of Electrical Energy	Power electronics converter in traction, electroplating and heating windings can be added in the revised course.
5	Control System-I	Effect of zeroes, minimum phase, and minimum phase system can be included in the revised course.



Summary of the Teachers Feedback

July 27, 2021

CLASS: SECOND YEAR ENGINEERING [SEM-II]

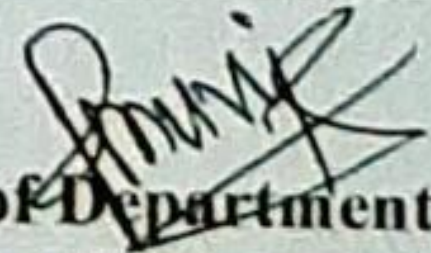
Sr. No.	Name of faculty	Name of Subject
1	Prof. Jadhav Ganesh	Power system-I
2	Prof. Jaya Mane	Fundamental of Microcontroller and its Application
3	Prof. Merin John	Power system-I
4	Prof. S.K.Shinde	Electrical Machine-I
5	Prof. Nayana Jangale	Numerical Methods and C Programming
6	Prof. B.V.Deshmukh	Network Analysis
7	Prof. T.N.Date	Numerical Methods and C Programming

CLASS: THIRD YEAR ENGINEERING [SEM-II]

Sr. No.	Name of faculty	Name of Subject
1	Prof.Ahire Rupali	Utilization of Electrical Engineering
2	Prof. Khairnar Sunita	Control System-I
3	Prof. S.S.Dhamal	Power System-II, and Design of electrical machine
4	Prof. A.M Shewale	Utilization of electrical engineering
5	Prof. gautam pankaj	Energy audit and management
6	Prof.J.D.Patil	Design of electrical machine
7	Prof.Dr.R.K.Munje	Control system-I

CLASS: FOURTH YEAR ENGINEERING [SEM-II]

Sr. No.	Name of faculty	Name of Subject
1	Prof. S.A.Sagare	Smart Grid
2	Prof. J.P.Shah	Smart Grid
3	Prof. S.K.Shinde	Switchgear and Protection
4	Prof. A.M Shewale	Switchgear and Protection
5	Prof.S.Saravanan	HVDC & Facts
6	Prof.Dr.M.P.Thakare	HVDC & Facts
7	Prof.T.N.Date	Power electronics controlled Drives
8	Prof. Gautam Pankaj	Intelligent System And its Applications in Electrical Engg.
9	Prof. Dr.R.K.Munje	Power Electronic Controlled Drives


 Head of Department
 Electrical Engineering
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