

K L UNIVERSITY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 18.04.2014

BOARD OF STUDIES INVITATION

Electrical & Electronics Engineering Department Board of Studies meeting is scheduled on 19.04.2014 at 10.30 AM in E104. All the BOS Members are requested to make it convenient to attend the meeting.

Agenda of the Meeting:

1. To consider the proposed 2014-15 admitted batch B.Tech Curriculum and make recommendations to the Academic council KLU for approval the same.
2. To consider the proposed 2014-15 admitted batch M.Tech Curriculum and make recommendations to the Academic council KLU for approval the same.

Following are the members present:

1. Dr. O. Chandra Sekhar, Professor & Head, EEE Department, K L University
2. Dr. P. Linga Reddy, Professor, EEE Department, K L University
3. Dr.A.Anand Kumar, Principal & Professor, EEE Department, K L University
4. Dr. G. Kesava Rao, Professor, EEE Department, K L University
5. Dr.M.Venu Gopal Rao, Professor, EEE Department, KL University
6. Prof. K. Subba Rao, Professor, EEE Department, K L University
7. Dr. S.V.N.L.Lalitha, Professor, EEE Department, K L University
8. Dr. D.Ravi Kishore, Professor, EEE Department, K L University
9. Dr. Y.P.Obulesu, Professor, EEE Department, K L University
10. Mr. K. Narasimha Raju, Associate Professor, EEE Department, K L University
11. Mr. D. Narasimha Rao, Associate Professor, EEE Department ,K L University
12. Mr.A.Appa Rao, Associate Professor, EEE Department ,K L University
13. Mr. D. Seshi Reddy, Associate Professor, EEE Department ,K L University
14. Mr. J. Somlal, Associate Professor, EEE Department ,K L University
15. Mr. R.B.R. Prakash, Associate Professor, EEE Department ,K L University
16. Mrs. K Sarada, Associate Professor, EEE Department K L University

K L UNIVERSITY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 19.04.2014

MINUTES OF BOARD OF STUDIES MEETING

The following are the Minutes discussed in the "Board of Studies" meeting held on 19.04.2014 at 10.30 AM in HOD –EEE chamber.

Agenda of the Meeting:

1. To consider the proposed 2014-15 admitted batch B.Tech Curriculum and make recommendations to the Academic council KLU for approval the same.
2. To consider the proposed 2014-15 admitted batch M.Tech Curriculum and make recommendations to the Academic council KLU for approval the same.
3. Any other points with permission of the chair.

The following members are present:

1. Dr. O. Chandra Sekhar, Professor & Head, EEE Department, K L University
2. Dr. P. Linga Reddy, Professor, EEE Department, K L University
3. Dr.A.Anand Kumar, Principal & Professor, EEE Department, K L University
4. Dr. G. Kesava Rao, Professor, EEE Department, K L University
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15. Mr. R.B.R. Prakash, Associate Professor, EEE Department ,K L University
16. Mrs. K Sarada, Associate Professor, EEE Department K L University

The following External Members gave their valuable suggestions

1. Dr.M.Rammoorthy, Former Director General, CPRI
2. Dr.R.Bala Subramanian, Former Professor, EEE Department, IIT Delhi

Dr.O.Chandra Sekhar welcomed the BOS Members for the “Board of Studies Meeting”. The Chairman discussed about the previous BOS meeting resolutions and amendments made to the curriculum which are approved in Academic Council.

The Board of studies of the Department of Electrical & Electronics Engineering made the following resolutions:

1. Dr.O.Chandra Sekhar, PED Research Group Head put forward the modifications and added few courses in the syllabus of Power Electronics & Drives specialisation courses offered for 2014-15 Batch.
2. Dr.S.V.N.L,Lalitha, PS Research Group Head put forward the modifications and added few courses in the syllabus of Power Systems specialisation courses offered for 2014-15 Batch.
3. The tabled syllabus put forwarded by research group heads are approved by the board members
4. All the recommendations of the DAC (Department Academic Council) minutes held on **10th June 2013** were approved


BOS CHAIRMAN

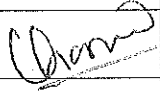



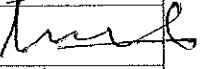





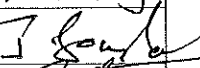


CHIEF OF DEPARTMENT
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
GREEN HILLS, VELLORE
GUJARATI ENGINEERING COLLEGE

K L UNIVERSITY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Board of Studies (BOS)

The following members attended the meeting on 4th May 2015 at 10:30 AM:

S.No	Name of the member	Designation	Member	Signature
1	Dr. O. Chandra Sekhar	Professor, BOS Chairman	BOS Chairman	
2	Dr.M.Rammoorthy	Former Director General, CPRI	External	
3	Dr.R.Bala Subramanian	Former Professor, ^{EEE} Department, IIT Delhi	External	R. Bala Subramanian
4	Dr.A.Anand Kumar	Professor	Internal	Anand Kumar
5	Dr. P. Linga Reddy	Professor	Internal	
6	Dr. G. Kesava Rao	Professor	Internal	
7	Dr.M.Venugopla Rao	Professor	Internal	
8	Prof. K. Subba Rao	Professor	Internal	
9	Dr. S.V.N.L.Lalitha	Professor	Internal	
10	Dr.D.Ravi Kishore	Professor	Internal	
11	Dr.Y.P.Obulesu	Professor	Internal	
12	Mr. K. Narasimha Raju	Associate Professor	Internal	
13	Mr. D. Narasimha Rao	Associate Professor	Internal	
14	Mr.A.Appa Rao	Associate Professor	Internal	A Appa Rao
15	Mr. D. Seshi Reddy	Associate Professor	Internal	D Seshi Reddy
16	Mr. J. Somlal	Associate Professor	Internal	
17	Mr. R.B.R. Prakash	Associate Professor	Internal	
18	Mrs. K Sarada	Associate Professor	Internal	

K L UNIVERSITY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
MINUTES OF DEPARTMENT ACADEMIC COMMITTEE MEETING

The Department Academic Committee meeting was conducted in E.E.E HOD, chamber on 10th June 2013 at 1:00 pm

Agenda:

1. To discuss the feedbacks received from stake holders on curriculum
2. To propose the curriculum for M.Tech 2014-15 admitting batch
3. Any other points with the permission of the DAC chairman

The following members were present:

1	Dr.M.VENUGOPAL RAO	PROFESSOR & HOD
2	Dr.G.R.K.MURTHY	PROFESSOR
3	Dr.P.LINGA REDDY	PROFESSOR
4	Dr.M.RAMACHANDRA RAO	PROFESSOR
5	Dr.M.UMAVANI	PROFESSOR
6	Dr.S.LAKSHMI NARAYANA	PROFESSOR
7	Prof.K.SUBBARAO	PROFESSOR
8	Mrs.S.V.N.L.LALITHA	ASSOCIATE PROFESSOR
9	Mrs.K.SARADA	ASSOCIATE PROFESSOR
10	Mr.D.NARASIMHA RAO	ASSOCIATE PROFESSOR
11	Mr.B.KIRAN BABU	ASSISTANT PROFESSOR
12	P.SHIVA SANKAR	ASSISTANT PROFESSOR

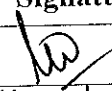
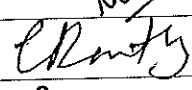

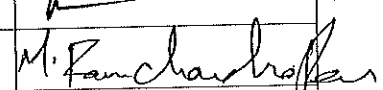
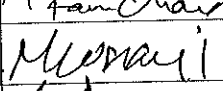
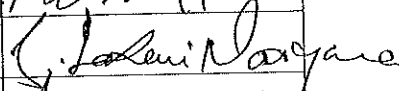
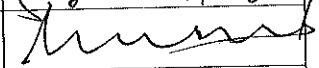

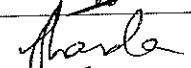

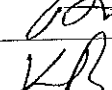
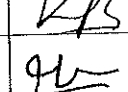
The following points were discussed and resolved:

1. Up on feedback from students, HoD has recommended Employability oriented courses to be included to enrich the placements.
2. Up on feedback from Industrial Peers, it is recommended to request BOS to include few topics on career based skills for enhancing the chances of better placement in near future.
3. Up on feedback from Alumni, it is recommended to request BOS to include few topics on Industrial Training once in a Year.
4. Upon considering above mentioned feedbacks, it is resolved to propose enclosed Program development documents and curriculum for M.Tech-Electrical Engineering Program for 2014-15 for BOS approval (Annexure 1).


Dr. M. Venugopal Rao
(Head of the Department)

K L University
Department of Electrical & Electronics Engineering
Department Academic Committee (DAC)

The following members attended the meeting on 10th June 2013 at 1:00 pm:

S.No	Name of the member	Designation	Signature
1	Dr.M.Venugopal Rao	Professor, HOD	
2	Dr.G.R.K.Murthy	Professor	
3	Dr.P.Linga Reddy	Professor	
4	Dr.M.Ramachandra Rao	Professor	
5	Dr.M.Umavani	Professor	
6	Dr.S.Lakshmi Narayana	Professor	
7	Prof.K.Subbarao	Professor	
8	Mrs.S.V.N.L.Lalitha	Associate Professor	
9	Mrs.K.Sarada	Associate Professor	
10	Mr.D.Narasimha Rao	Associate Professor	
11	Mr.B.Kiran Babu	Assistant Professor	
12	Mr.P.Shiva Sankar	Assistant Professor	

K L E F					
Department of Electrical & Electronics Engineering					
Department Academic Committee Meeting (15/11/2012)					
Annexure 1: Proposed B.Tech 2013-14 Course Structure					
S.No	Course Name	L-T-P	Cr	Pre-Req.	Remarks
I HUMANITIES & SOCIAL SCIENCES					
1	English	2-0-2	2	3	Nil
2	Language and Reasoning skills	2-0-2	2	3	New Course
3	Ecology and Environment	2-0-0	2	2	Nil
4	Human Values	2-0-0	2	2	New Course
5	Employability Skills(Audit Course)	1-0-2	2	NIL	Nil
6	Advanced Employability Skills(Audit Course)	1-0-2	2	NIL	Nil
7	Quantitative Aptitude and Reasoning(Audit Course)	2-0-2	2	NIL	Nil
	Sub Total (A)		14		
II BASIC SCIENCES					
1	Linear Algebra and Multivariate Calculus	3-0-2	4	NIL	Nil
2	Differential Equations	3-1-0	4	NIL	Nil
3	Engineering Physics	3-0-2	4	NIL	Nil
4	Engineering Chemistry	3-0-2	4	NIL	Nil
5	Mathematical Methods	3-0-0	3	NIL	Nil
6	Complex Variables and Discrete Mathematics	3-0-0	3	NIL	Nil
	Sub Total (B)		22		
III ENGINEERING SCIENCES					
1	Engineering Materials	3-0-0	3	NIL	Nil
2	Measurements	3-0-2	4	NIL	Nil
3	Engineering Graphics with CAD	0-0-4	2	NIL	Nil
4	Workshop Practice	0-0-4	2	NIL	Nil
5	Problem Solving through Programming	3-0-2	4	NIL	Nil
6	Engineering Mechanics	3-0-2	4	NIL	Nil
7	Thermodynamics	3-0-0	3	NIL	New Course
8	Object Oriented Programming	3-0-2	4	NIL	New Course
9	Network Theory	3-1-0	4	NIL	New Course
10	Data Structures	3-0-2	4	NIL	New Course
	Sub Total (C)		34		
IV PROFESSIONAL CORE COURSES					
1	Signal Processing	3-0-2	4	NIL	New Course
2	Design of Electronic Systems	3-0-2	4	NIL	Nil
3	Basics of Digital Systems	3-0-2	4	NIL	Topic Added: RAM & ROM design through Logic gates
4	Analog Electronic Circuits	3-0-2	4	NIL	Topic Added: Frequency Response of Amplifiers
5	Micro-Processors & Micro Controllers	3-0-2	4	NIL	Nil
6	DC Machines & Transformers	3-0-2	4	NIL	New Course
7	Fields & Networks	3-0-2	4	NIL	New Course
8	AC Machines	3-0-2	4	NIL	New Course
9	Electrical Power Generation and Distribution	3-0-2	4	NIL	Nil
10	Electrical Power Transmission	3-0-2	4	NIL	Nil
11	Power System Analysis	3-0-2	4	NIL	Nil
12	Power Electronics	3-0-2	4	NIL	Nil
13	Control Systems	3-0-2	4	NIL	Nil
14	Power System Protection	3-0-2	4	NIL	Nil
15	ELECTRIC DRIVES	3-0-2	4	NIL	Nil
16	Power System Operation & Control	3-0-2	4	NIL	Nil
	Sub Total (D)		64		

V	PROFESSIONAL ELECTIVES				
Power Systems Specialization					
1	Smart Grid Technologies	3-0-0	3	NIL	New Course
2	Operation of Restructured Power Systems	3-0-0	3	NIL	Nil
3	Distribution System Planning & Automation	3-0-0	3	NIL	Nil
4	Power Quality	3-0-0	3	NIL	Nil
5	HVDC & FACTS	3-0-0	3	NIL	Nil
Power Electronics Specialization					
1	Machine Modeling Analysis	3-0-0	3	NIL	Nil
2	Advanced Power Electronics	3-0-0	3	NIL	Nil
3	Switched Mode Power Supplies	3-0-0	3	NIL	Nil
4	Power Quality	3-0-0	3	NIL	Nil
5	HVDC & FACTS	3-0-0	3	NIL	Nil
Control Systems Specialization					
1	State Estimation & System Identification	3-0-0	3	NIL	Nil
2	Digital Control Systems	3-0-0	3	NIL	Nil
3	Non Linear Control Systems	3-0-0	3	NIL	Nil
4	Optimal Control Systems	3-0-0	3	NIL	Nil
5	Adaptive Control Systems	3-0-0	3	NIL	Nil
Energy Systems Specialization					
1	Solar Energy	3-0-0	3	NIL	Nil
2	Wind Energy	3-0-0	3	NIL	Nil
3	Nuclear Energy	3-0-0	3	NIL	Nil
4	Nano Materials for Energy & Environment	3-0-0	3	NIL	Nil
5	Energy Conservation & Audit	3-0-0	3	NIL	Nil
Digital System Specialization					
1	Computer Architecture	3-0-0	3	NIL	New Course
2	PLD's & FPGAs	3-0-0	3	NIL	New Course
3	VLSI DESIGN	3-0-0	3	NIL	New Course
4	Embedded Systems	3-0-0	3	NIL	New Course
5	DSP Processors	3-0-0	3	NIL	New Course
Sub Total (E)			15		
VI OPEN ELECTIVES					
1	Renewable Energy Sources	3-0-0	3	NIL	Nil
Sub Total (F)			9		
VII PROJECT					
1	Term Paper	0-0-4	2	NIL	Nil
3	Major Project	0-0-24	12	NIL	Nil
4	Industrial Practice School	0-0-24		NIL	Nil
Sub Total (G)			14		

No. of New Courses Added :	16
No. of Courses Modified :	2
No. of Courses Offered :	65
Percentage of Syllabus Revision:	27%