



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 9001-2015 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. 08645 - 350200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002 Ph: +91 - 866 - 3500122, 2577715, 2576129.

Dt: 30-03-2024

Department of Electrical & Electronics Engineering

Minutes of the XXXXII BOS Meeting

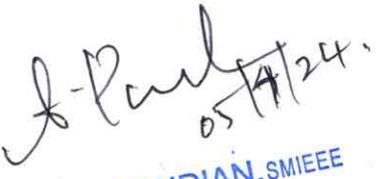
The Department XXXXII BOS meeting is held on 30th March 2024 from 11.00AM onwards in HYBRID mode.

The following members were present:

1. Dr. A Pandian-Professor & HoD, Department of EEE, KLEF- Chairman
2. Dr. Dogga Raveendhra, Assistant Professor, EED, MNNIT External Member
3. Er. Ajay Kumar, CEO, Smaraj Industries,.-External Member
4. Er. Sameer Khan , assistant section office, AP Secretariat ,.-External Member
5. Dr. Kasi V Rao, Associate professor & Associate Dean Curriculum Aspects - KLEF-Invited Member from DAO
6. Dr. B Loveswara Rao, Professor, Department of EEE, KLEF - Internal Member
7. Dr. P Srinivas Varma, Associate Professor, Department of EEE, KLEF- Internal Member
8. Dr. M Kiran Kumar, Associate Professor, Department of EEE, KLEF- Internal Member
9. Dr. B Jyothi, Associate Professor, Department of EEE, KLEF- Internal Member
10. Mrs. K Sarada, Associate Professor, Department of EEE, KLEF- Internal Member
11. Mr. R Bhanu Prakash, Associate Professor, Department of EEE, KLEF- Internal Member
12. Mr. D Seshi Reddy, Associate Professor, Department of EEE, KLEF- Internal Member
13. Dr. G Raja Sekhar, Associate Professor, Department of EEE, KLEF-Internal Member
14. Dr. D Sudha, Assistant professor, Department of EEE, KLEF-Internal member
15. Dr. G Swapna, Assistant professor, Department of EEE, KLEF-Internal member
16. Mr. T Teja Sreenu, Assistant Professor, Department of EEE, KLEF-Internal Member
17. Mr. D Kalyan, Assistant Professor, Department of EEE, KLEF-Internal Member
18. Mr. S Ravi Teja, Assistant Professor, Department of EEE KLEF- Internal Member

Members Absent: NIL


Dr. T.K. RAMA KRISHNA RAO
PRINCIPAL
College of Engineering
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Green fields, VADDESARAM-522 302
Guntur District. Andhra Pradesh


Dr. A. PANDIAN, SMIEEE
Professor & HOD
Department of EEE
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AGENDA and RESOLUTIONS

AGENDA ITEM-1

Department Achievements for the A. Y.2023-2024	BoS appreciated the efforts of faculty and the university management for their achievements done by the students.
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The chairman presented the following achievements of students and faculty of the department during A.Y 2023-2024

Placements & Progression:

Placement statistics for the A.Y:2023-2024 were presented to all the members.

All the fifty students registered for placements were successfully placed in various core and software companies.

11 students got multiple job offers, fourteen got more than three job offers.

The average salary package is 5.5 Lakhs per annum.

Research & Development

Total no. of publications including Scopus and SCI indexed by the department are 69

11 scholars of the department were awarded with PhD degrees in the A.Y: 2023-2024 till date.

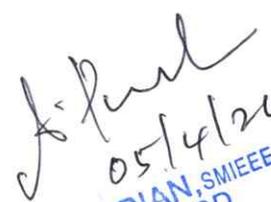
External member Dr. Dogga Raveendhra Assistant Professor, EED, MNNIT, Er. Ajay Kumar, CEO, Smaraj Industries, Er. Sameer Khan, assistant section office, AP Secretariat. has appreciated the department faculty and HoD for successfully conducting all the academic activities.

AGENDA ITEM-2

To approve resolutions made in DAC meeting held on 26-03-2024	The resolutions are made in dac are approved and recommended the same to the academic Council for further approval
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Following are the feedback collected from stake holders and the resolutions made in DAC

1. Mr. Vivek Vardhan (2000069001) student of IV year requested to have skilling component in AI Techniques for Electrical Engineering
It is resolved that AI Techniques course can be offered as skill course from Y23 admitted B.Tech students
2. Mr. Lakshman (22000690039) requested to increase of contact hours for core courses
It is resolved to increase contact hours in lecture mode from Y23 admitted B.Tech students
3. Mr. Kumara Swamy (2100069003) requested to have independent learning hours atleast for few courses in the curriculum.
It is resolved to provide individual learning hours for the courses which are identified
4. R Phani Varun (Id No: 2000069027) requested to provide AI Techniques for Electrical Engineering as skill based course with L-T-P-S : 0-0-2-4 .
It is resolved to offer AI Techniques for Electrical Engineering as skill based course with L-T-P-S : 0-0-2-4 . instead of core course with change in outcomes.
5. Y20 & Y21 students requested to provide change in L-T-P-S for specilaization offered by EEE department related courses. It is resolved to offer specialization related courses with change in L-T-P-S from Y23 admitted batch students onwards.
 - Professional Elective-1: (L-T-P-S:3-0-2-4)


 05/4/24.
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- Professional Elective -2: (L-T-P-S:3-0-0-0)
- Professional Elective -3: (L-T-P-S: 3-0-2-4)
- Professional Elective -4: (L-T-P-S: 3-0-0-0)
- Professional Elective -4: (L-T-P-S: 3-0-0-0)
- Professional Elective -5: (L-T-P-S:2-0-2-0)

The DAC minutes are given in Annexure-2a

Detailed feedback analysis is given in Annexure 2-b

AGENDA ITEM-3

To consider and approve the introduction of New courses proposed for B.Tech Y24 & Y23 admitted batch students	It is resolved to approve the New courses proposed for Y23 and Y24 admitted batch B.Tech students and to recommend the same to academic council for further approval.
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Following are the deliberations made in the meeting in the curriculum of Y24 and Y23 admitted batch

- As per the suggestions of group heads to combine Human Values and Gender Sensitization courses and to include ethics also in the course, it is resolved to offer Human Values, Gender Equality and professional Ethics as new course for Y23 and Y24 admitted batch students.
- Based on the recommendations of English department it is proposed to offer "Language Skills for Engineers (L-T-P-S:0-0-4-0)", "Communication Skills for Engineers(L-T-P-S:0-0-4-0)" in place of English Proficiency and Integrated Professional English and a new course "Leadership and Management Skills(L-T-P-S:0-0-4-0)" is offered to Y24 admitted batch students.
- As per the recommendations of Computer Science department it is proposed to offer "Artificial Intelligence and Machine Learning" in place of Data Driven Artificial intelligence and "Computational thinking for Object oriented programming" in place of Object Oriented Programming for Y24 admitted batch students.
- Based on the recommendation of Mechanical department, it is proposed to offer "Industrial Management and Production Planning" as management Elective for Y23 and Y24 admitted batch students.
- As per the recommendations of Group Heads New courses were introduced for Honors programs under Honors flexi courses(HFC), Honors Research Courses(HRC), Honors Innovation Courses(HEC) and Honors Experiential Learning)HEC) categories

J. Pandian
05/4/24

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Courses Introduced for B.Tech 2023-24 and 2024-25 admitted batch based on the feedback of stake holders

S.No.	Course Code	Course Title	Course Type	Remarks
1	23UC0026	HUMAN VALUES, GENDER EQUALITY AND PROFESSIONAL ETHICS	Humanities and Sciences	Based on the recommendations of group heads it is resolved to combine Human values and Gender sensitization and offer as Human Values, Gender Sensitization and professional Ethics as new course
2	24UC1102	LANGUAGE SKILLS FOR ENGINEERS	Humanities and Sciences	Based on the recommendations of English department it is proposed to offer new course in place of English Proficiency
3	24UC1204	COMMUNICATION SKILLS FOR ENGINEERS	Humanities and Sciences	Based on the recommendations of English department it is proposed to offer new course in place of Integrated Professional English
4	23UC0024	LEADERSHIP AND MANAGEMENT SKILLS	Humanities and Sciences	Based on the recommendations of English department it is proposed to offer new course
5	24AD2001	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Engineering Sciences	Based on the recommendations of Computer Science department it is proposed to offer new course in place of Data Driven Artificial intelligence
6	23MB4067	INDUSTRIAL MANAGEMENT & PRODUCTION PLANNING	Management Elective	Based on the recommendations of group heads this course is resolved to be offered as management elective which covers the concepts of industrial management and production planning.
7	23EE04HF	HVDC AND FACTS	Honors Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Flexi core Category
8	23EE01HF	RESTRUCTURED POWER SYSTEMS	Honors Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Flexi core Category

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9	23EE03HF	DISTRIBUTED SYSTEM PLANNING AND AUTOMATION	Honors Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Flexi core Category
10	23EE02HF	ELECTRICAL DRIVES	Honors Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Flexi core Category
11	23EE01RF	RENEWABLE ENERGY RESOURCE ASSESSMENT AND FORECASTINGÂ	Honors Reseach Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Research Courses Category
12	23EE02RF	RENEWABLE ENERGY SYSTEM MODELING AND SIMULATION	Honors Reseach Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Research Courses Category
13	23EE03RF	POWER QUALITY ANALYSIS	Honors Reseach Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Research Courses Category
14	23EE04RF	ADVANCED ELECTRICAL DRIVES	Honors Reseach Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Research Courses Category
15	23EE01EF	ELECTRONICS PROTO TYPING AND FABRICATION	Honors Experiential Learning Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Experiential Learning Courses Category
16	23EE02EF	ADVANCED CIRCUIT DESIGN	Honors Experiential Learning Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Experiential Learning Courses Category
17	23EE03EF	REAL-TIME POWER SYSTEM SIMULATION	Honors Experiential Learning Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Experiential Learning Courses Category
18	23EE04EF	EV DASHBOARD AND INTEGRATION	Honors Experiential Learning Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors

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				Experiential Learning Courses Category
19	23DT01IF	ENTREPRENEURIAL TECHNOLOGY DEVELOPMENT AND PROTOTYPING	Honors Innovation Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Innovation Flexi Courses Category
20	23DT02IF	CUSTOMER DISCOVERY FOR STARTUPS	Honors Innovation Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Innovation Flexi Courses Category
21	23DT03IF	CUSTOMER VALIDATION FOR STARTUPS	Honors Innovation Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Innovation Flexi Courses Category
22	23DT04IF	CUSTOMER CREATION AND MARKETING FOR ENTREPRENEURS	Honors Innovation Flexi Courses	Based On the recommendation of Group Head new course is introduced under Honors Innovation Flexi Courses Category

AGENDA ITEM-3

To discuss on the curriculum and revised syllabus of Y23 & Y24 admitted batch B.Tech students	It is resolved to approve the curriculum and syllabus of Y23 & Y24 admitted batch B.Tech students and put forth the same in the upcoming BOS for further approval
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Following are the suggestions received as per the feedback from academic peers, industry experts and alumni to improve practical knowledge and skills among the students few changes in B. Tech structures were put before the BoS members for review for Y24 and Y23batch

SL	Course Code	Course Title	Course Type	Remarks
1	23EE3106	Power System Analysis and Stability	Core	As per the feedback from academic peers tutorial component and practical component is removed
2	23EE3207	Power system Protection and Control	Core	As per the feedback from Industry experts skill component is introduced
3	23EE2204	Power Electronics	Core	As per the feedback received from students and academic peers increase of lecture hour is modified
4	23EE3105	Control Systems	Core	As per the feedback received from students and academic peers increase of lecture hour is modified

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5	23EE2101	Electrical Circuits	ESc	Laboratory component is included as per faculty recommendation
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- Chairman BOS explained the members that based on the NEP policy framed by Govt. of India, it is accommodated in the curriculum of Y23 and Y24 admitted batch students the multiple entry and multiple exit. Students who wish to discontinue their B.Tech after completion of 2 years will be given a Diploma and after completion of 3 years students will be awarded B.Sc Degree.
- 20 Programs with Flexibilities were introduced to Y23 and Y24 admitted batch students. Following are the flexibilities offered
 - No Flexibility and No add on
 - Honors with no add on
 - Honors through research with no add-on
 - Honors through Innovation with no add-on
 - Honors through Experiential learning with no add-on
 - No Flexibility with Specialization
 - Honors with Specialization
 - Honors through research with specialization
 - Honors through Innovation with specialization
 - Honors through Experiential learning with specialization
 - No Flexibility with Minor
 - Honors with Minor
 - Honors through Research with Minor
 - Honors through Innovation with Minor
 - Honors through Experiential learning with Minor
 - No Flexibility with Double Major
 - Honors with Double Major
 - Honors through Research with Double Major
 - Honors through Innovation with Double Major
 - Honors through Experiential learning with Double Major

The degree requirements for the above programs are given in Annexure 3.

The detailed course structure B.Tech Y24 admitted batch is given in Annexure-4. The syllabus for new Courses is given in Annexure-5.

The detailed Course structure of B.Tech Y23 admitted batch is given in Annexure-6.

The detailed Course structure for Diploma is given in Annexure-7.

The detailed Course structure of B.Sc Degree is given in Annexure-8.

AGENDA ITEM-4

To discuss the course structure of 2024-25 admitted batch M.Tech- Electrical & Electronics Engineering and M.Tech- Power Electronics and Powers Systems	It is resolved to approve the course structure of 2024-25 admitted batch in M.Tech- Electrical & Electronics Engineering and M.Tech- Power Electronics and Powers Systems to recommend the same to academic council for further approval
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- Chairman BOS presented the the course structure of 2024-25 admitted batch M.Tech- Electrical & Electronics Engineering and M.Tech- Power Electronics and Powers Systems

It is resolved to approve the course structure of 2024-25 admitted batch M.Tech -EEE and M.Tech -PEPS
The relative course structures are given in (Annexure-9) and Annexure-10)

AGENDA ITEM-5

To discuss on Value added courses to be offered to Y22,Y23 and Y24 admitted batch students.	It is resolved to approve the Value added courses to be offered to Y22,Y23 and Y24 admitted batch students and put forth the same in the upcoming academic council
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- Chairman BOS presented the value added courses to be offered to Y22, Y23 and Y24 admitted batch students.

It is resolved to approve the value added courses and put forth the same in upcoming academic council.
Value added courses for Y22, Y23 and Y24 admitted batch students is given in Annexure-11

AGENDA ITEM-6

To discuss result analysis, OBE and gap analysis of 2023-24 odd semester courses and Sem-in-1 result analysis of 2023-24 Even Sem courses..	It is resolved to approve the discussion and forward to the upcoming academic council.
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- Chairman DAC presented the result analysis of 2023-4 ODD Sem (II, III, IV Year), in which almost all courses offered by the department attained pass percentage greater than 75%.
- Chairman DAC presented Sem-in-1 result analysis of 2023-24 even sem. It was observed that few courses didn't satisfy the CO attainment of 60% for which remedial classes were conducted and Make up exam is planned after Sem-in-2 exams for all eligible students.

AGENDA ITEM-7

To discuss on the PDD document of Y24 admitted batch students.	It is resolved to approve PDD document of Y24 admitted batch students and put forth the same in the upcoming BOS for further approval
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- Based on the local, global, national and regional needs and the contemporary requirements of industry the program development document of Y24 admitted batch students is developed.

AGENDA ITEM-8

To discuss on Value added courses to be offered to Y22,Y23 and Y24 admitted batch students.	It is resolved to approve the Value added courses to be offered to Y22,Y23 and Y24 admitted batch students and put forth the same in the upcoming academic council
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- Chairman BOS presented the value added courses to be offered to Y22, Y23 and Y24 admitted batch students.

Value added courses for Y22, Y23 and Y24 admitted batch students is given in Annexure-11

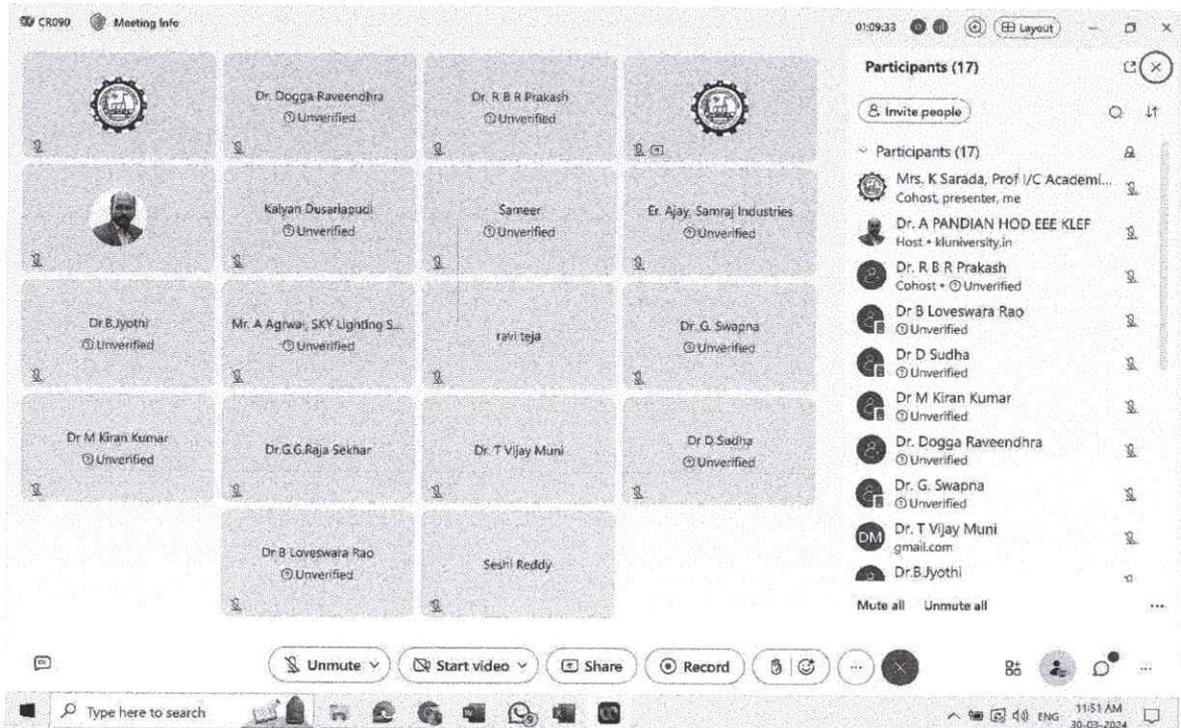
External BOS members appreciated the efforts of department members in the shaping the curriculum.
Chairman-BOS thanked the members for giving their valuable inputs.

A. Pandian
25/4/24,
Dr. A. PANDIAN, SMIEEE
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AGENDA ITEM-9

Any other point: Placement Analytics..	It is resolved to approve the Placement Analytics
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Pictures of BOS meeting proceedings:



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