



Koneru Lakshmaiah Education Foundation

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

Approved by AICTE ISO 21001:2018 Certified

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

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-35-36, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

Date: 18-08-2025

Department of Electronics and Communication Engineering Minutes of BOS Meeting

The Department Board of Studies meeting was held on 18 August 2025 through hybrid mode, starting from 3:00 PM – 5:00 PM at R403.

The following are the attendance details of BOS Meeting

S.No	Name of the Member	Designation	Present/Absent
1	Dr. M. Suman	HOD and Chairman	Present
2	Dr. L. Koteswara Rao	Professor & Principal, KLH Bowrampet Campus	Present
3	Dr. Ramakrishna A	Professor & Principal, KLH Aziz Nagar Campus	Present
4	Dr.D.Venkata Ratnam	Professor, Research HOD	Present
5	Dr.M S G Prasad	Professor, Alternate HoD	Present
6	Dr. Anil Kumar	HOD, KLH Aziz Nagar Campus	Present
7	Dr. A. Prabhakar Rao	HoD, KLH Bowrampet Campus	Present
8	Dr. Ashish Ranjan	Associate Professor, HOD-ECE, NIT Manipur	Present
9	Dr. Narendhar Chandrasekar	Assistant professor (research), Department of Nano Technology, Gachon University	Present
10	Mr. Sivakumar K	Senior Program Manager, Tesslove	Present
11	Dr. K. Amarendra	HOD/CSE-1	Absent
12	Dr. B. Tirapathi Reddy	HOD/CSE-2	Absent
13	Dr. A. Senthil	HOD/CSE-3	Absent
14	Dr. T. Pavan Kumar	HOD/CSE-4	Absent
15	Dr. P. Satyanarayana	HOD/IoT	Absent
16	Dr. Alagappan Pandian	HOD/EEE	Absent
17	Dr. V. S. V. Prabhakar	HOD/AIDS	Absent
18	Dr. T. Vijaya Kumar	HOD/ME	Absent
19	Dr. Praveen	HOD/BT	Absent
20	Dr. BV Appa Rao	HOD/Mathematics	Absent
21	Dr. Venkateshwara Rao A	HOD/Chemistry	Absent
22	Dr. K. Swapna	HOD/Physics	Absent
23	Dr.Habibulla Khan	Professor, Advisor Student affairs	Absent
24	Dr.K.Ch.Sri Kavya	Professor, Director, Alumni	Present
25	Dr.A.S.C.S.Sastry	Professor, Controller of Examination	Absent
26	Dr.V.Rajesh	Professor, Principal COE	Absent
27	Dr.K.Sarat Kumar	Professor, Director R&D	Absent
28	Dr.M.Venkata Narayana	Professor, Director Placement	Absent

Signature of BOS Chair
Professor & Head
Department of ECE
K L E F

Green Fields, Vaddeswaram
522 302



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29	Dr.I.Govardhani	Professor, Principal Academic Staff College	Present
30	Dr.B.T.P.Madhav	Professor, Director-Academic Research	Absent
31	Dr.K.Hari Kishore	Professor, Dean-Sports	Absent
32	Dr.M.Sridhar	Professor, Assistant Principal	Present
33	Dr.G.V.Subbarao	Professor	Present
34	Dr. Md.Z Rahman	Professor	Absent
35	Dr.P.Venkat Vijay Kishore	Professor	Present
36	Dr.P.Pardhasaradhi	Professor, Assoc.Dean-Publications	Present
37	Dr.M.Sujatha	Professor, Dy. HoD Student Affairs, Cohort 21 incharge	Present
38	Dr.K.Srinivasarao	Professor	Present
39	Dr. Santosh Kumar	Professor	Present
40	Dr A Prabhakara Rao	Professor, KLH Bowrampet Campus	Present
41	Dr.G.Sai Krishna Santosh	Associate Professor, Dy. HOD Academics	Present
42	Dr.Sampad Kumar Panda	Associate Professor, Dy. HOD Faculty Affairs	Present
43	Dr. P. Saleem Akram	Associate Professor, Prof. I/C Academic	Present
44	Dr. C. Jositha	Associate Professor, Academic Prof. I/C KLH	Present
45	Dr.Aravindhnan Alagarsamy	Associate Professor, Assoc. Dean Academics, Cohort 29 incharge	Present
46	Dr.S.Arunmetha	Associate Professor, Assoc. Dean Sponsered Projects	Present
47	Dr.S.Rooban	Associate Professor, Cohort 22 Incharge	Present
48	Dr.R.Revathi	Associate Professor, Cohort 07 Incharge	Present
49	Dr.Aravind Kilaru	Associate Professor, Dy.Director International colabrations, Cohort 10 incharge	Present
50	Dr.N.Prabakaran	Associate Professor, Certification Incharge, , Cohort 12 Incharge	Present
51	Dr Phalguni Singh	Associate Professor, KLH Aziz Nagar Campus	Present
52	Dr. Balaji Ramachandran	Assistant Professor, Prof. I/C Academic, Cohort 04 Incharge	Present

AGENDA and RESOLUTIONS

AGENDA ITEM-1

Recommendation of Y25 B. Tech ECE course structure and courses	Recommended and forwarded to Academic Council for approval
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- Dr. Suman. M, HOD-ECE, explained the Y25 course structure and the details about the advance courses for honor students
- Dr. Suman. M, HOD-ECE, Recommended to Change the LTPS of SDC Courses from 0-0-2-4 to 1-0-0-4
- Dr. P. V. V. Kishore, Professor, ECE, Suggested to Include ML with python programming course (25SDEC02) into the Y25 Curriculum
- Dr. G. V. Subba Rao, professor ECE, suggested to change the LTPS of Basic Electrical And Electronic Circuits (25EC1101) to 3-0-2-0 from 2-0-0-0

[Signature]
Dr. M. Suman
 Professor & Head
 Department of ECE
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 Green Fields, Vaddeswaram
 Guntur Dist., A.P. PIN: 522 502



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- Dr. Aravindhan Alagarwamy, Associate professor, suggested to change the LTPS of Digital System Design (25EC1102) to 3-0-2-0
- Dr. Narendhar Chandrasekar, Assistant professor, Gachon University, South Korea, External academic peer recommended to integrate IRP and Patent courses into the curriculum
- Dr. Ashish Ranjan, Associate Professor, NIT Manipur, External academic peer suggested to revisit VLSI courses for placement point of view

Y25 course structure and courses are shown in Annexure I.

AGENDA ITEM-2

[Annexure I]

Approval for the formation of new specialization "Quantum Communications" in the Department of ECE from Y24 Batch onwards

Recommended and forwarded to Academic Council for approval

- Dr. Suman. M, Professor and HOD-ECE, Dr. Kavya, Professor ECE and Dr. Subba Rao, Professor-ECE presented the proposal to introduce the Quantum Communications specialization in the Department of ECE from Y24 Batch onwards
- Dr. V. Venu Balaji, Assistant Professor, KLH suggested to implement core engineering and application oriented concepts into the new specialization.

All the proposed courses are presented in Annexure II

[Annexure II]

AGENDA ITEM-3

Proposal to start new M. Tech program in Quantum Communications under ECE department

Recommended and forwarded to Academic Council for approval

AGENDA ITEM-4

Inclusion of HTE/HTI/HTR department courses into ECE curriculum structure

Recommended and forwarded to Academic Council for approval

All the HTE, HTI and HTR department courses are shown in Annexure III

AGENDA ITEM-5

[Annexure III]

Approval of changes in Y24 ECE course structure

Recommended and forwarded to Academic Council for approval

Dr. M. SUMAN
Professor & HOD
Department of ECE
KLEF
Green Fields, Vaddeswaram,
Guntur Dist., A.P. PIN: 522 502



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- Change of Skill development course (SDC) LTPS from 0024 to 1004 from Y24 onwards
- Machine Learning with python programming course (24SDEC02) with LTPS 1004 is introduced in the place of Electronic System Automation course. This change is done to keep up with industrial and market demands.
- Inclusion of 24UC0032 - INSIGHTS TO SUSTAINABLE DEVELOPMENT GOALS into Y24 curriculum to create awareness about research in sustainable technology

AGENDA ITEM-6

Approval of Lateral entry courses for Y24 intake students

Recommended and forwarded to Academic Council for approval

- Dr. Suman. M, HOD-ECE explained about the courses to be offered for the Y24 lateral entry students.

List of Lateral entry courses are shown in annexure IV

[Annexure-IV]

AGENDA ITEM-7

Approval of the Specialization PE's of Generative AI and Machine Learning for Y23 Curriculum and onwards

Recommended and forwarded to Academic Council for approval

- Dr. P. V.V. Kishore, Professor-ECE, explained about the Professional Elective courses of Generative AI and Machine Learning specialization.

The PE's list under Generative AI and Machine Learning specialization is shown in Annexure-V

[Annexure-V]

AGENDA ITEM-8

Approval Courses Offered in MOOC's Mode For Y22 Internship Students

Recommended and forwarded to Academic Council for approval

- Dr. Sai Krishna Santosh, Deputy head-ECE, explained about the PE-4 and P5-5 courses to be offered in MOOC's mode for the practice school and internship students.

The list of MOOC's mode courses are presented in annexure VI

[Annexure-VI]

Dr. M. Suman
Signature of BOS Chair
Deputy Head
Department of ECE
KLEF

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AGENDA ITEM-9

Inclusion of industry skill connect into the curriculum from Y23 onwards

Recommended and forwarded to Academic Council for approval

- Dr. Suman. M, HOD-ECE explained about the significance of integrating industry skill connect into the ECE curriculum
 - From Y23 batch onwards, university has introduced the adoption of industry-oriented skill connect program where students will be guided by industry persons as an external mentor in addition to internal mentor.
 - Outcome of the program will be a real time project leading to a patent and publications.
 - Skill connect program can be effectively mapped to any of the PE's in the respective Specializations

AGENDA ITEM-10

Y25 M. Tech program structures

Recommended and forwarded to Academic Council for approval

- Dr. Suman. M, HOD-ECE explained about the Y25 M. Tech program structures offered in the ECE department

M. Tech program structures are presented in annexure VII

[Annexure-VII]

AGENDA ITEM-11

Approval of revised and new courses for Pre-PhD course works

Recommended and forwarded to Academic Council for approval

- Dr. Anup Kumar (Professor, BIT Mesra), Suggested to revise the syllabus of CMOS ANALOG IC DESIGN course for Pre-Ph.D. course works
- Dr. Ashish Ranjan (Associate professor, NIT Manipur) Suggested to revise the syllabus of CMOS ANALOG IC DESIGN course for Pre-Ph.D. course works
- Dr. Narendhar. C (Assistant Professor, Gachon University, South Korea) Suggested to revise the syllabus of CMOS ANALOG IC DESIGN course for Pre-Ph.D. course works

Dr. M. Suman
Signature of BoS Chair
Professor & Head
Department of ECE
K L E F
Green Fields, Vaddeswaram
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- Dr. Naren Das (Assistant Professor, BIT - Patna), Suggested to revise the syllabus of ASIC AND FPGA DESIGN course for Pre-Ph.D. course works
- Dr. P. Manivannan (Professor, Anna University), Suggested to include IMAGE AND VIDEO PROCESSING as new course for Pre-Ph.D. course works
- Dr. Y. Avanish (DFT Engineer, Intel Malaysia) suggested to change the syllabus of ADVANCED MIXED SIGNAL IC DESIGN course for Pre-Ph.D
- Mr. Anudeep (Senior Manager, Motorola Company, USA) suggested to change the syllabus of TESTING OF VLSI CIRCUITS course for Pre-Ph.D
- Mr. Ch. Ramakrishana, (AMD, Hyderabad) suggested to change the syllabus of REAL TIME CONCEPTS FOR EMBEDDED SYSTEMS course for Pre-Ph.D
- Mr. Rajeev Jayaraman – Senior Director of Physical Design, Cadence Design Systems, Recommended to include Principles of Nanotechnology and Nanofabrication course for Pre-Ph.D
- Mr. Ajith Thomas, Senior customer Services Engineer, Dräger, Kerala, Recommended to include Advanced Energy harvesting and storage Technology course for Pre-Ph.D
- SandeepSr. Staff Engineer/Manager at Qualcomm, Hyderabad, Recommended to include 5G NR - Next Generation Wireless Technologies course for Pre-Ph.D
- Dr. Arun Metha, Associate professor, Suggested to include Flexible Electronics and Wearable Technology as a new course for Pre-Phd.
- Mr. Siva Kumar, Tessolve, Industry Peer, Suggested to add more VLSI physical design courses.

AGENDA ITEM-12

Other Items for discussion

Recommended and forwarded to Academic Council for approval

- Dr. Suman Maloji, Professor & HOD-ECE, raised concern over students registering for skill certification courses and not successfully completing. As the part of B. Tech degree requirement each student shall completed a minimum of 3 skill certifications.
- In this regard, the member have recommended that, for student that have not completed the registered certification course, their result may be declared as “NC” indicating not completed successfully during the registered semester.

Pictures of BOS meeting

Dr. M. Suman

Signature of BOS Chair
Professor & Head
Department of ECE

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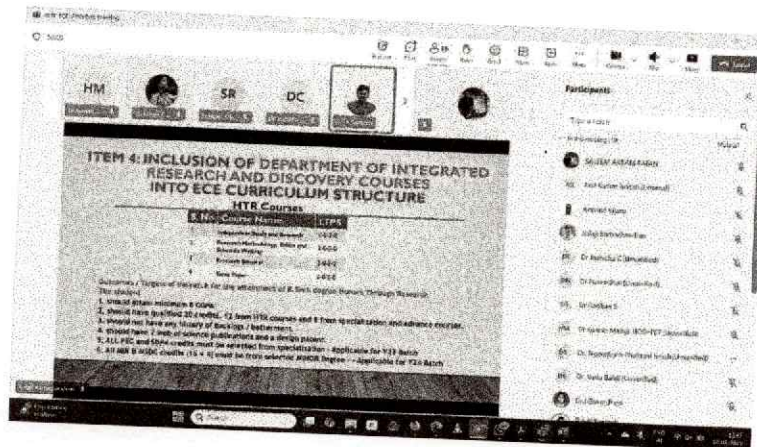
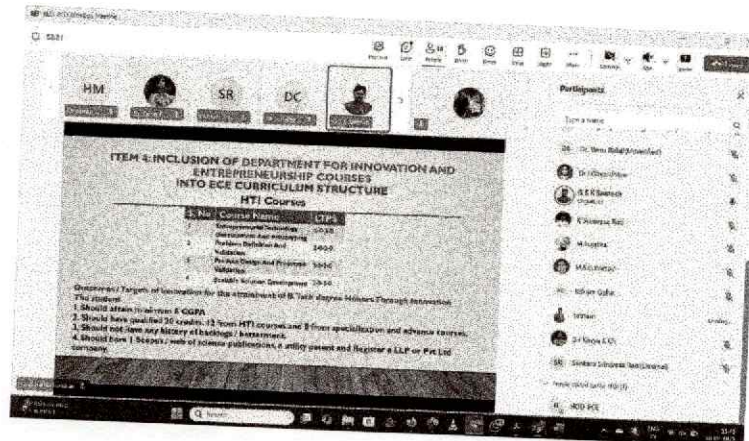
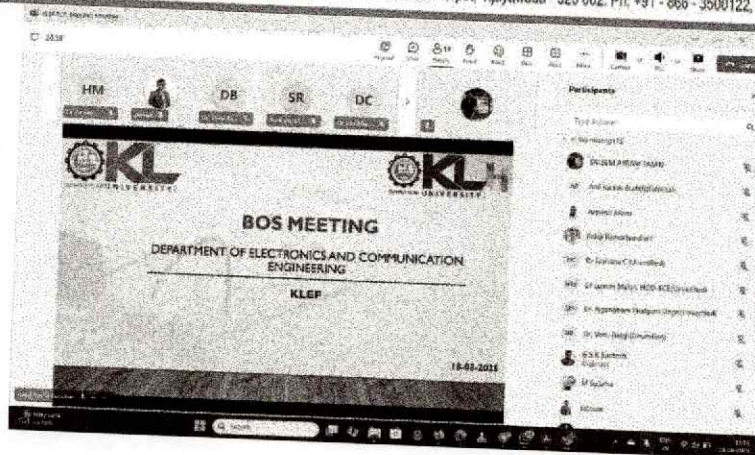
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Dr. M. Srinivasulu Reddy
Professor & Head
Department of ECE
Signature of Bos Chair
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