LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING DEPARTMENT OF ELECTRICAL AND ELECTRONICS **ENGINEERING**

Minutes of BOS Online meeting Held on 19th June 2021. FOR UG Program

Members Present:

External BoS Members

Dr. M. Nageswara Rao

DrP.V.Ramana Rao

Dr. M.B.Srinivas

Er. Ch. Sri Prakash

Mr Y. Naresh.

Internal BoS Members Signature

Dr. J. Sivavara Prasad

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

Dr. P. Sobha Rani

Dr. M.S.Giridhar

Dr. K.R.L.Prasad

Dr. G.Nageswara Rao

P. Salva L M.S. Silva Amasca Raco

1. Course content (syllabus) of semesters V & VI, specification of COs and CO-PO articulation matrix. - Discussed/approved

- 2. courses of Honors and Minor programmes -Discussed/ Suggested
- 3. ATR of batch 2016-20 Discussed/approved
- 4. Academic activities -Discussed/ Suggested
- 5. Calendar of events for the next A.Y 2021-22- Discussed/approved

Note: Detailed resolutions are enclosed as Annexure-I.

ANNEXURE-I

Minutes of meeting held on 19/06/2021

After thorough discussions and deliberations, the following resolutions are arrived:

I. Changes in course content are suggested for the following courses:

- 1. "Power Systems-II", Unit-V may be renamed as Fundamentals of Protection.
- 2. "Electrical Machines-II", circle diagram of induction motor concept in Unit-II is to be omitted.
- 3. "Power Electronics", in unit-IV, Step up and step-down converters may be mentioned as buck and boost converters.
- 4. "Electronic Measurements and Instrumentation", Digital energy meters concept may be added in unit-II.
- 5. "PLC and Automation", applications of PLC concept may be added in unit-V.
- 6. Add more hardware experiments in "Control Systems Lab"
- 7. "Power Systems-III", unit-I title may be changed as Network Matrices
- 8. "Intelligent Control Systems", the content may be reframed as follows:
 - Unit- I and Unit-II concepts may be reorganized.
 - · Add ANFIS concepts.
 - Unit- V: Add applications of intelligent control systems to Power Systems
- 9. "Classical and Heuristic Optimization Techniques", reframe the content with three units as classical optimization techniques and two units as heuristic optimization techniques
- 10. "Digital Control Systems", the content may be reframed as follows:
 - Add Root locus in z-plane concept instead of deadbeat response method.
 - Design of lag-lead compensator in ω -plane may be omitted.
- 11. "Power System Lab", Add more hardware experiments.

II.Other Suggestions:

1. Workshops on Emerging Technologies may be conducted which will be helpful for placements

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