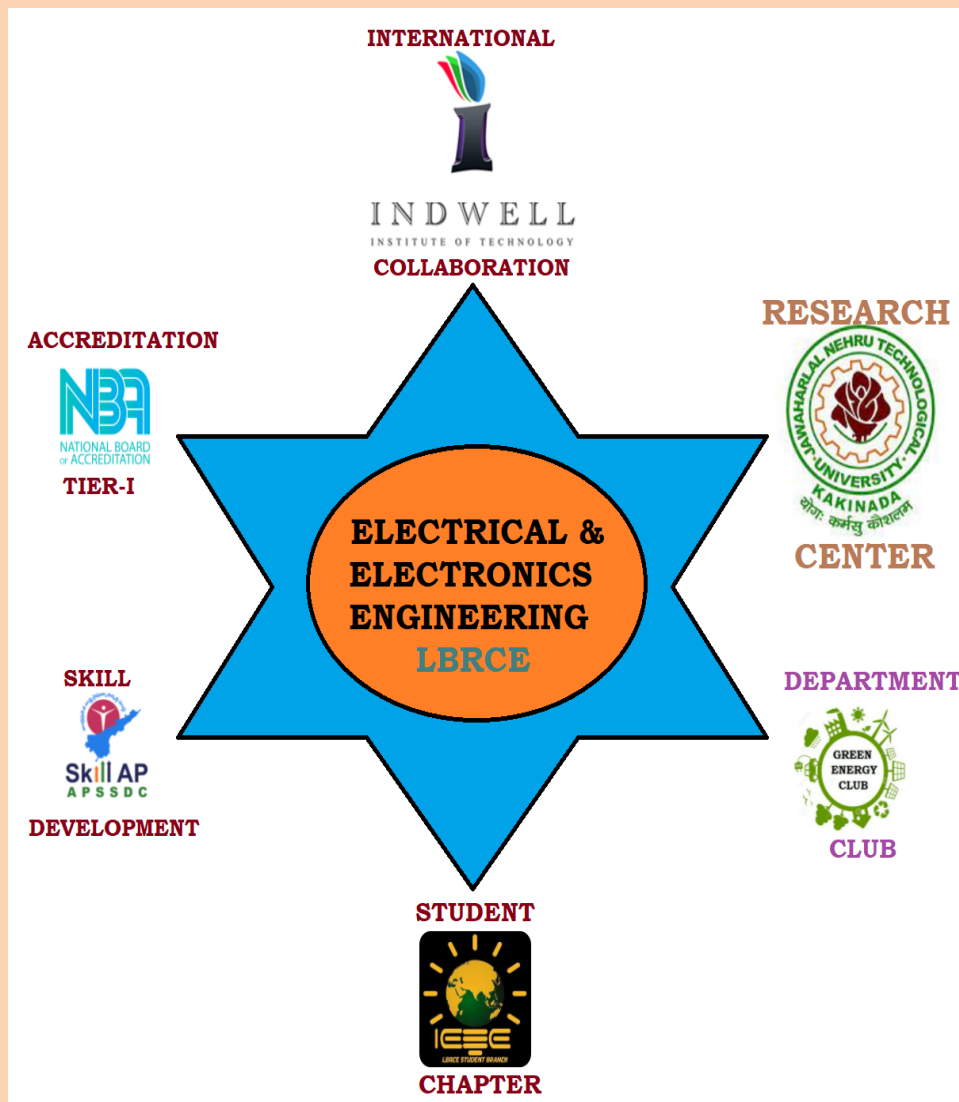


POWER ENERGY

(ELECTRICAL & ELECTRONICS E-NEWS LETTER 20-21)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME) Under Tier-I

Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada

Mylavaram - 521230, Krishna Dt, AP, India

Quiz conducted

Duration: 15-09-2020

Name of the Coordinators: Dr.K.R.L.Prasad,
Mr. A.V.RaviKumar,
Mr K.Nagalingachary

Title of the program	No. of Participants	Name of Resource Persons	Name of Organization/Institute
Online Quiz on Electrical Safety	184	---	LBRCE, Mylavaram

Quiz conducted

Duration 06-08-20 To 07-08-20

Name of the Coordinators: Dr.K.R.L.Prasad,
Mr. A.V.RaviKumar,
Mr K.Nagalingachary,
Mr. P.Srihari

Title of the program	No. of Participants	Name of Resource Persons	Name of Organization/Institute
Online Quiz on Basics of Python Programming	434	---	LBRCE, Mylavaram

FACULTY AWARDS

A.Y:2020-21

S.NO.	NAME OF THE FACULTY	Award/Achievement	Name of the Organization/Institution
1	Dr.P.Sobharani	Best paper	ICEESC-2021 (IFERP)
2	Dr.K.Ramalingeswara Prasad	Educator of the year	International Association of Educators and Corporate Trainers (IAECT)
3	Dr.G.Nageswara Rao	Excellence in Research	Noval ResearchAcademy
4	Mr. M.RAJA NAYAK	Best paper	KL University
5	Mr. SYED ABDUL MUJEER	Best paper	KL University

FACULTY RECOGNITIONS:

A.Y:2020-21

S.NO.	NAME OF THE FACULTY	Award/Achievement	Name of the Organization/Institution
1	Dr.K.Harinadha Reddy	Resource Person	Online FDP @Andhra Loyola Institute Of Engineering And Technology,Vijayawada
2	Dr.K.Harinadha Reddy	Reviewer	IEEE Transactions on Fuzzy Systems (IEEETFS)

3	Dr.J.Sivavara Prasad	Reviewer	Current Journal of Applied Science and Technology
7	Mr..J.V.Pavan Chand	Certificate of appreciation	NPTEL
8	Mr. SYED ABDUL MUJEER	Reviewer	Soft Computing & IJECE Journals
11	Mr. M.RAJA NAYAK	CHAIR PERSON	KL University

2. International Conferences

S.No	Name of the authors	Title of the paper	Name of the Conference	Indexing
1.	M. Raja. Nayak S. Abdul. Mujeer	New Computational Method for Study of Ionic Current Environment of HVDC Transmission Lines	IEEE International Conference on Advances and Developments in Electrical and Electronics Engineering (ICADEE) ISBN: 978-1-7281-9251-2, PP-34-38. DOI:10.1109/ICADEE51157.2020.9368937.	Scopus Indexed
2.	T. S. Kumar, M. Raja Nayak , R. V. Krishna and K. P. Rao	Enhanced Performance of Solar PV Array-Based Machine Drives Using Zeta Converter	IEEE International Conference on Advances and Developments in Electrical and Electronics Engineering (ICADEE) ISBN: 978-1-7281-9251-2, PP-29-33. DOI:10.1109/ICADEE51157.2020.9368937.	Scopus Indexed

Patent Published:

S.No	Name of the authors	Title of the patent	Application Number	Date of Filing
1.	Dr. K.Ramalingeswara Prasad	Conversion Based Fault Identifier in Three Phase Transformer using WAVELET TRANSFORM TECHNIQUE	202041047385	30-10-2020.
2.	Dr. K.Ramalingeswara Prasad Dr. G. Nageswara Rao Dr.J Siva vara Prasad	Conversion of Sliding Mode Controller to Grid Connected PV System for Boosting the Power for Inverter	202041048086	04-11-2020
3.	Mr. Parri Srihari	Smart Iot Based System For Home Automation System	202041049557	20/11/2020

Book Chapters:

S.No	Name of the authors	Title of the Book chapter	Name of the Book chapter	ISBN Number
1	Dr.G. Nageswara Rao	AI Techniques for Harmonic Elimination in Cascaded Multilevel Inverter	Multidisciplinary Subjects for Research-IV, Volume-1 PP-234-237	978-1-716-20064-9 DIP:18.10.2021/716200649.50

2	Dr.K.Ramalingeswara Prasad, Dr.G.Nageswara Rao	Power Quality Enhancement for Nonlinear Loads using Active Power Filter	MULTIDISCIPLINARY SUBJECTS FOR RESEARCH-VIII, Redshine Publication, Lunawada (Gujarat).	979-8-718-87865-3 http://www.dilipode.com/
3	Dr.G.Nageswara Rao	Intellegent Control Schemes for Harmonic Elimination in Cascaded Multilevel Invereter	Advances in Electrical Engineering, Vol.4, AkiNik, Publications, New Delhi.	978-93-90846-55-9 DOI: https://doi.org/10.22271/ed.book.1220
4	Dr. M.S.Giridhar Dr. P.Sobha Rani	Multi-objective Pareto based Optimal Placement and Sizing of Solar PV and Wind Generation System	Advanced Aspects of Engineering Research	978-93-90888-46-7

FACULTY ACHIEVEMENTS:

1. AWARDS

S.No	Name of the authors	Award Type	Title of the Paper / Work	Name of the Conference/ Organization
1	1. M. Raja Nayak, 2.Syed Abdul Mujeer, 4.K.Ramalingeswara Prasad	Best Paper Award	Design And Testing of High Voltage Electrodes For EHV Bus Post Insulators	International Virtual Conference On Smart Advanced Material Science & Engineering Applications – 2020. (IVCSAMSEA-2020), 03–05, December 2020.
2.	M. Raja Nayak	Chair Person	EEE Department Papers	International Virtual Conference On Smart Advanced Material Science & Engineering Applications – 2020. (IVCSAMSEA-2020), 03–05, December 2020.

Students Publications:

PG Publications: 2020 – 21

S.No	Name of the authors	Title of the paper	Name of the Journal	Indexing
1	R.Sravani P.Deepak Reddy	V/C Digital Controlled DC-DC Converter	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9 Issue-3, September 2020,pp-167-175	Scopus Indexed
2	DivyaSathyaSree.I, Pangedaiah.B	A New Islanding Detection Technique using Ensemble Empirical Mode Decomposition	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9 Issue-3, September 2020,	Scopus Indexed

3	CH. Aparna J.V.Pavan Chand	Performance of Flywheel Energy Storage System for Fault Ride through Support of Grid Connected Vsc-Hvdc Based Offshore Wind Farms	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-12, October 2020, PP-189-192	Scopus Indexed
4	V.Prabhakar Reddy J.SivaVara Prasad	Performance of Isolated Soft Switching Current Fed Lcc-T Resonant Dc-Dc Converter for Pv/Fuel Cell Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-10 Issue-1, November 2020.PP-1-4	Scopus Indexed

UG Publications: 2020 - 21

Publications:

S.No	Name of the authors	Title of the paper	Name of the Journal	Indexing
1	G.Mounika Ch. TejaBhanu Prakash Ch. Deepak E. Shanmugha Muni A.V. Ravi Kumar	Sensor Based Automation And Control Of Coal Handling Plant Using Plc.	Compliance Engineering Journal, ISSN NO: 0898-3577. Volume 11, Issue 7, July 2020. Page no. 408-413	Scopus Indexed

List of NPTEL certified Students in Jan & July 2020 Examinations:

S.No	Name of the Student	Dept.	Roll No	Name of the Course	Grade	Toppers
1	Kothapalli girisai	EEE	18761A0274	The Joy of Computing using	Elite	
2	Gunturu puneeth sai	EEE	19765A0219	The Joy of Computing using	Elite	
3	Hastinapurapu jahnavi	EEE	19765A0220	The Joy of Computing using	Elite	
4	Modugu vamsi	EEE	18761A0282	The Joy of Computing using	Elite+Silver	
5	N.navya	EEE	17761A0294	The Joy of Computing using	Elite+Silver	

List of NPTEL certified faculty in Jan & July 2020 Examinations:

S.No	Name of the Faculty	Name of the Dept.	Name of the Course	Grade	Toppers
1.	M S GIRIDHAR	EEE	NBA Accreditation and Teaching - Learning in Engineering (NATE)	Elite	
2.	TIMMIDI NAGADURGA	EEE	Power Plant Engineering	Successfully Completed	

Dept. Coordinator