

SELF ASSESSMENT REPORT

Name in Full : Yekkaluru Manasa
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Qualifications :

S.No.	Qualification	Year of Passing	Board/ University	Division
1	SSC	2002	Board of Secondary Education, A.P.	I Class with Distinction (82.50%)
2	Intermediate/ Diploma	2004	Board of Intermediate Education, A.P.	I Class with Distinction (84.52%)
3	B. Tech/B.E.	2008	Jawaharlal Nehru Technological University Hyderabad	I Class with Distinction (75.27%)
4	M. Tech/M.E	2011	Jawaharlal Nehru Technological University, Anantapur	I Class with Distinction (89.50%)
5	Ph.D.	Pursuing (Since Jan 2017)	KL (Deemed) University, Vaddeswaram, Vijayawada.	-

Work Experience :

S.No.	Name of the Organization	Position held	Years of Experience	Nature of work done
1	JNTUA CEA, Ananthapuramu	Adhoc Lecturer	7.5	Teaching
2	Anantha Lakshmi Institute of Technology, Ittukullapalli, Ananthapuramu	Assisstant Professor	2	Teaching

Publications : 04

a) International Journals :

- K Lokeswaraiah, Y. Manasa “Super Capacitor-based Inverter control using Fuzzy Controller Wind Energy System connected to Weak Grid” published in IJITEE, Volume-9 Issue-2, Dec 2019.
- A. Geetha, Y. Manasa “Analysis and simulation of Adaptive Power System with Fuzzy Control of Dynamic Loads” published in JETIR, Aug 2017.
- S.R.S Akhila, Y. Manasa “Advanced Power control Strategy in grid connected PV systems for constant power generation” published in IJR, Volume 04, Issue 09, ISSN: 2348 6848, Aug 2017.
- Sirigi Geetha Vani, Y. Manasa “Simulation of DC Grid Control Based on Modular Multilevel Converters” published in JETIR, ISSN : 2349-5162, Volume 4, Issue 9, Sep 2017, Available at: <http://www.jetir.org/view?paper=JETIR1709033>.
- G. Hema Namratha, Y. Manasa “Islanding Detection Method Based on the Reactive Power Disturbance for Inverter-Based Distributed Generators” published in JETIR, ISSN : 2349-5162, Volume 4, Issue 10, Oct 2017, Available at: <http://www.jetir.org/view?paper=JETIR1710063>.

b) Conferences/Workshops :

- Bammidi Siddartha, Y. Manasa “Distribution System Reliability Analysis With Wind Energy System and MEV” Published in SCOPES-16.
- Participated in the two day faculty development program on “**Programming in C and Data structures**” held at JNTUA College of Engineering Ananthapuramu during 25th and 26th march 2015.
- One day workshop on “**Awareness on Power Systems Simulation Analysis using Mi Power Software**” held on 22.09.2015 at JNTUA College of Engineering.
- One day workshop on “**Wind Energy Conversion Systems**” held on 13.04.2016 at JNTUA College of Engineering.
- One day workshop on “**Solar Power Technologies**” held on 20.04.2016 at JNTUA College of Engineering.
- One day workshop on “**Crafting Powerful Questions**” held at JNTUA Ananthapuramu.
- One day Faculty development program on “**21st Century Teaching Strategies**” held at JNTUA College of Engineering on 16th Sep 2017.
- Two day Faculty development program on “**Prospective Energy Sources of Wind and Solar PV systems**” held at JNTUA CEA on 22nd and 23rd March 2018.

- Two day Faculty development program on “**Pedagogical Skills for Outcome Based Education Systems**” held at JNTUA CEA on 16th and 17th Nov 2018.
- Three day Online Faculty development program on “Automation in Industrial Revolution” by Kalasalingam Institute of Technology on 29th June to 1st July 2020.
- One-Week FDP on “Integration of Green Energy with Smart Power Systems” Organized by Department Of EEE, Sathyabama Institute of Science And Technology, Chennai From 22nd June To 27th June.
- International Online One Week Faculty Development Programme on “Industrial Relevance of Electrical Engineering” organized by Electrical and Electronics Engineering Department, BVRIT Hyderabad College of Engineering for Women from 15th to 20th June 2020.

M.Tech/B.Tech

Subjects Courses taken/labs/Projects guided

Academic Year/Sem	I Semester	II Semester
2013-14	B.Tech. - <ul style="list-style-type: none"> • Power System Operation and Control • Electrical Machines II – Lab M.Tech. - <ul style="list-style-type: none"> • Machines and Power System Lab 	B.Tech. - <ul style="list-style-type: none"> • C Programming • C Programming Lab M.Tech. - <ul style="list-style-type: none"> • State Estimation & Security Analysis • Power System Simulation Lab
2014-15	B.Tech. – <ul style="list-style-type: none"> • Power System Operation and Control • Electrical Machines II - Lab M.Tech. - <ul style="list-style-type: none"> • State Estimation & Security Analysis • Stochastic Process • Machines and Power Systems Lab 	B.Tech. - <ul style="list-style-type: none"> • C Programming Lab M.Tech. - <ul style="list-style-type: none"> • Reliability Optimization • Power System Simulation Lab • Reliability Testing Lab
2015-16	M.Tech.- <ul style="list-style-type: none"> • Power System Wide Area Monitoring Systems • Stochastic Process • Machines and Power Systems Lab • Reliability Tools Lab 	B.Tech. - <ul style="list-style-type: none"> • Problem Solving and Computer Programming • Computer Programming Lab M.Tech. - <ul style="list-style-type: none"> • Restructured Power Systems • Reliability Testing Lab
2016-17	M.Tech.- <ul style="list-style-type: none"> • Stochastic Process 	M.Tech.- <ul style="list-style-type: none"> • Research Methodology

	<ul style="list-style-type: none"> Reliability Tools Lab B.Tech.- <ul style="list-style-type: none"> Electrical Circuits-II Electrical Machines and Power System Simulation Lab 	<ul style="list-style-type: none"> Reliability Testing Lab B.Tech.- <ul style="list-style-type: none"> Reliability Engineering and its Applications to Power Systems. Computer Programming Lab
2017-18	M.Tech.- <ul style="list-style-type: none"> Power system wide area monitoring and control Reliability Tools Lab B.Tech.- <ul style="list-style-type: none"> Power system operation and control Electrical Machines-II Lab 	M.Tech.- <ul style="list-style-type: none"> Reliability Optimization Reliability Testing Lab B.Tech.- <ul style="list-style-type: none"> Introduction to Power Quality Electrical Machines-I Lab
2018-19	M.Tech.- <ul style="list-style-type: none"> Stochastic Process Machines and Power Systems Lab B.Tech.- <ul style="list-style-type: none"> Power System Operation and Control Electrical Technology Lab 	M.Tech.- <ul style="list-style-type: none"> Reliability Optimization Power systems and simulation lab B.Tech.- <ul style="list-style-type: none"> Utilization of Electrical Energy Electrical & Electronics Engineering Lab
2019-20	M.Tech.- <ul style="list-style-type: none"> Stochastic Process Machines and Power Systems Lab B.Tech.- <ul style="list-style-type: none"> Power System Operation and Control Electrical Technology Lab 	M.Tech.- <ul style="list-style-type: none"> Restructured Power Systems Power systems and simulation lab B.Tech.- <ul style="list-style-type: none"> Utilization of Electrical Energy Electrical & Electronics Engineering Lab

Academic Projects Guided/Guiding: 09

Administrative Works Supported:

Academic Year	Work Supported
2013-14	<ul style="list-style-type: none"> Performed Invigilation duties for different exams (End semester examinations & CET examinations). Physical Verification of books in Library.
2014-15	<ul style="list-style-type: none"> Performed Invigilation duties for different exams (End semester examinations & CET examinations).

<p>2015-16</p>	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Physical Verification of books in Library. • Board of Studies • Supported for getting data for NAAC-2016 application. • Supported for getting data for NBA application.
<p>2016-17</p>	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
<p>2017-18</p>	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
<p>2018-19</p>	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
<p>2019-20</p>	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Supported for getting data for NAAC-2016 application. • Supported for getting data for NBA application.

Signature of the Candidate