



E-mail: korrachinna@gmail.com

KORRA CHEENA
Assistant Professor & I/c Head
Department of Electrical & Electronics Engineering
UNIVERSITY COLLEGE OF ENGINEERING
(KAKATIYA UNIVERSITY)

BIO-DATA

1. Name : KORRA CHEENA
2. Father's Name : KORRA BALYA
3. Qualifications : B.Tech, M.Tech (NIT Calicut),
Ph.D (Pursuing at IIT Dhanbad)
4. Department & College : Electrical & Electronics Engineering
University College of Engineering
Kothagudem
5. Date of appointment : 26-06-2006
6. Place of Birth : Kamepalli
7. Gender (Male/Female) : Male
8. Marital Status : Married
9. Nationality : INDIAN
10. Address for correspondence : Quarter No:T-12, Professors Quarters
University College of Engineering
Kakatiya University
M.E.Complex Kothagudem
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Kamepalli (Post & Mandal)
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1. Research Degree

Degree	Title	Date and Year of Award	University
Ph.D (Pursuing)	Design of Efficient techniques for Wireless Sensor Networks Based Smart Grids	Pursuing	IIT Dhanbad

2. Appointments held prior to joining in the Kakatiya University

Designation	Name of Employer	Date of		Salary with Grade	Reason of leaving
		Joining	Leaving		
Assistant Professor	KITS Warangal	26-06-2006	04-05-2010	8000-15600	University Job

3. Posts held after appointment in the Kakatiya University

Designation	Department	Date of actual joining	
		From	To
Officer-in-charge	Building Maintenance	01-08-2010	31-07-2012
Nodal Officer Finance	TEQIP - II	05-09-2014	30-08-2016
Joint Director Hostel	Hostels	09-12-2016	28-12-2018
Head of Department	EEE	21-01-2017	Till Date
Officer-In-Charge Electrical Maintenance	Total Campus	04-07-2017	03-07-2018



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Journals:

- [1] Korra Cheena, “Modeling, Analysis and Simulation of Active Magnetic Bearing for two axis position control of Shaft ,” *International Journal of Advances In Electrical Power System And Information Technology (IJAEPSIT) ISSN (ONLINE): 2395-6151, VOLUME-2, ISSUE-2, vol. 25, no. 5, pp. 21–27, Feb. 2016.*
- [2] Velishala Ramu, Korra Cheena, “THD Analysis of Three Phase Cascaded Multilevel Inverter with Different PWM Techniques” *International Journal for Science and Advanced Research in Technology (IJSART)-Volume 4 Issue 3 – MARCH 2018 ISSN [ONLINE]: 2395-1052*
- [3] Korra Cheena, Tarachand Amgoth, Gauri Shankar, “Emperor Penguin Optimized Self-Healing Strategy For WSN Based Smart Grids” *International Journal of Sensor Networks [IJSNET-262721]-2019*
- [4] Korra Cheena, “Research Review: Self-healing Techniques in Smart Grid Environment” *International Journal of Research (IJR), VOLUME-8, ISSUE-6-June-2019-1, DOI:16.10089.IJR.2019.V8I6.285311.236444.*

Conference Paper:

- [1] Korra Cheena, “Modeling, Analysis and Simulation of Active Magnetic Bearing for two axis position control of Shaft”, in: 2016 in 15th International Conference on Instrumentation , Electrical and Electronics Engineering (ICIEEE 2016), pp. 20–25.

Subjects Taught:

- | | |
|-----------------------------------|---------------------------------------|
| 1. Control System Engineering | 5. Digital Control System |
| 2. Network Analysis and Synthesis | 6. Circuit Theory |
| 3. Power Electronics | 7. Power System Operation and Control |
| 4. Electrical Measurements | 8. Basic Electrical Engineering |

Programmes participated:

a. Orientation Course:

Participated in a 4 weeks (24 Working days) UGC Sponsored “36th Orientation Course” from 18-11-2013 to 14-12-2013 and obtained “A” Grade at UGC-Academic Staff College, **JNTU Hyderabad.**



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b. Refresher Courses:

Participated in a 3 weeks (18 Working days) UGC Sponsored “*Integration Programme under Refresher Course Scheme of UGC on Research Methodologies*” from 10-11-2014 to 29-11-2014 and obtained “A” Grade at UGC-Academic Staff College, **JNTU Hyderabad**.

c. Faculty Development Programmes:

- [1]. Participated in the One Week National Training Programme on “**Wireless Sensor Networks**” from Dec 18, 2017 to Dec-22, 2017, under “Faculty Development Centre”, Organized by Department of Computer Science & Engineering, at **IIT(ISM) Dhanbad**.
- [2]. Participated in the Course on “**Recent Trends in Wireless Sensor Networks and Internet of Things**” Under the auspices of *Professional Development Programme* from 21-01-2017 to 25-01-2017, Organized by Department of Computer Science & Engineering, at **IIT(ISM) Dhanbad**.
- [3] Attended MHRD-TEQIP-II Sponsored Faculty Development Programme on “*Security Assessment and Power management in Smart grid (SAMPS-2015)*” conducted during 15th to 19th June, 2015(One Week) in Department of Electrical Engineering at **NIT Calicut**, Kerala.
- [4]. Participated in AICTE Sponsored Two Week Faculty Development Programme on “*Micro Grid & Distributed Generation*” Organized by the Department of Electrical & Electronics Engineering during 28-10-2013 to 09-11-2013 at **KITS Warangal**, TELANGANA.

d. Short Term Courses:

- [1]. Attended a Short Term Course on “*Applications of Power Electronics to Renewable Energy (APERE-2k16)*” under the aegis of National Mission on Power Electronics Technology, an initiative by the Department of Electronics and Information Technology, Govt. Of India, and organized by the department of Electrical & Electronics Engineering, **NIT Goa** during 12th to 14th May 2016.
- [2]. Participated in AICTE Recognised TEQIP-II Sponsored Short term Training Programme on “*MATLAB Software with Control System*” conducted by Department of Electrical & Electronics Engineering from 02-11-2015 to 06-11-2015 (One Week) at **NITTTR Bhopal**.
- [3]. Participated in AICTE Recognised TEQIP-II Sponsored Short term Course on “*PEDAGOGY TRAINING (Basic Module)*” conducted by Education and Educational Management Department from 30-09-2013 to 04-10-2013(One Week) at **NITTTR Chandigarh**.
- [4]. Participated in Intensive Continuing Education Course on “*ENGINEERING PEDAGOGY*” conducted by Centre for Continuing Education at **I.I.Sc. (Indian Institute of Science) Bangalore** conducted during 28th and 29th April 2006 under EFIP of AICTE.



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e. Workshops:

- [1]. Participated the “*Awareness Workshop on OUTCOME BASED EDUCATION AND ACCREDITATION*” Conducted by National Board of Accreditation and Jawaharlal Nehru Technological University Hyderabad on 14th September 2015 held at **JNT University Hyderabad**, Kukatpally, Hyderabad under TEQIP-II, JNTUHCEH.
- [2]. Participated in a Five Day Workshop on “*POWER ELECTRONIC APPLICATIONS*” Organized by Department of Electrical Engineering under TEQIP-II DURING 14th - 18th October, 2013 at **NIT Warangal**, TELANGANA.
- [3]. Participated in the TEQIP-II Sponsored Two Day National Workshop on “*Model-Based Digital PWM Control Techniques for Power Electronics Applications*” Conducted by Department of Electrical Engineering, National Institute of Technology, Warangal during 25th - 26th October, 2013 at **NIT Warangal**.
- [4]. Attended a Two Day National Workshop on “*Recent Trends in METERING & CALIBRATION*” Organized by the Department of Electrical Engineering, National Institute of Technology Calicut during 6th - 7th January 2006 at **NIT Calicut**, KERALA.
- [5]. Attended a Workshop on “*Soft Skills For Engineers*” held on 30th October, 2004 in the National Institute of Technology Calicut under the auspices of IEEE Student Branch at **NIT Calicut**, KERALA.

f. Question Paper Settings:

(i) Kakatiya University:

Control system Engineering, Digital Control System, Network Theory, Power Electronics, Network Analysis & Synthesis, Electrical Technology and Electrical Measurements

(ii) Osmania University(Autonomy)

Advanced Control System, Electrical Measurements Electrical Circuits-I, Electrical Circuits-II,

(iii) Osmania University

Control system Engineering, Electrical Machines-I, Power Electronics and Electrical Measurements

(iv) Mahatma Gandhi University

Electrical Circuits, Control system Engineering, Power Electronics, Electrical Technology and Electrical Measurements

(v) KITS Warangal

Control system Engineering, Digital Control System, Network Theory, Power Electronics, Network Analysis & Synthesis, Electrical Measurements

g. Industry Visits:

NTPC Ramagundam, BHEL Hyderabad, Vizag Steel and KTPS Paloncha (Yearly Twice along with the Students)