

## **FACULTY PROFILE**

**Name of the faculty: NAGABABU VISWANADHAPALLI**

Department: Electrical and Electronics Engineering

College: Gudlavalleru Engineering College

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**RESIDENTIAL ADDRESS: V.Nagababu s/o Venkateswara rao**

**LANKEVANIDIBBA(Village), Repalle (Mandal)**

**Guntur(district), Pincode:522264**

**ACADEMIC QUALIFICATIONS: B.Tech (EEE), M.E(Control systems)**

### **ACADEMIC REWARDS / ACHIEVEMENTS:**

- ❖ Got second prize in the event of volleyball conducted at Andhra university college of engineering department level), Visakhapatnam in 2012.

### **PROFESSIONAL EXPERIENCE:**

<b>Designation</b>	<b>Institution</b>	<b>Period</b>
<b>Assistant professor</b>	<b>Gudlavalleru engineering college</b>	<b>20/04/2013 to till date</b>

### **PROJECTS GUIDED:**

<b>PhD</b>	<b>Post Graduation</b>	<b>Under Graduation</b>
<b>NIL</b>	<b>04</b>	<b>08</b>

**SPECIALIZATION: CONTROL SYSTEMS**

## **RESEARCH PAPERS / BOOKS: NIL**

## **BOOKS PUBLISHED IN PUBLICATIONS: NIL**

## **PAPERS PUBLISHED IN JOURNALS:**

- ❖ Published a paper on “**ARTIFICIAL NEURAL NETWORKS BASED ATTITUDE CONTROLLING OF LONGITUDINAL AUTOPILOT FOR GENERAL AVIATION AIRCRAFT**” in IJAREEIE, Volume.7, Issue.4, May -2018.
- ❖ Published a paper on “**FUZZY LOGIC BASED TUNING OF PID CONTROLLER FOR ROBOT ARM JOINT CONTROL**” in IJSIET, Volume.2, Issue.5, May -2018.
- ❖ Published a paper on “**PARTIAL SWARM OPTIMIZATION BASED TUNING OF PID CONTROLLER FOR ROBOT ARM JOINT CONTROL** ” in IJAREEIE, Volume.5, Issue.6, June -2016.
- ❖ Published a paper on “**DESIGN OF ROBUST CONTROLLER FOR HIGHER ORDER SYSTEMS BY USING LINEAR ALGEBRAIC METHOD**” in IJERT, Volume.4, Issue.48, NOVEMBER -2015.
- ❖ Published a paper on “**DESIGN AND OPTIMIZATION OF A PID CONTROLLER FOR CONTROLLING DESIRED LEVEL OF A COUPLED TANK SYSTEM**” in IJERT, Volume.4, Issue.17, JUNE -2015.
- ❖ Published a paper on “**POSITION CONTROL OF SERVO SYSTEMS USING PID CONTROLLER TUNING WITH SOFT COMPUTING OPTIMIZATION TECHNIQUES**” in IJERT, Volume.3, Issue.11, NOVEMBER -2014.
- ❖ Published a paper on “**A FUZZY LOGIC STRATEGY ON ATTITUDE CONTROLLING OF LONGITUDINAL AUTOPILOT FOR BETTER DISTURBANCE REJECTION**” in IJERT, Volume.2, Issue.12, DECEMBER-2013.

## **PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:**

- ❖ Presented a paper on “**FUZZY LOGIC BASED TUNING OF PID CONTROLLER FOR ROBOT ARM JOINT CONTROL**” in 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY-2018, in PSCMRET, Vijayawada, 2<sup>nd</sup> & 3<sup>rd</sup> April,2018.
- ❖ Presented a paper on “**ARTIFICIAL NEURAL NETWORKS BASED ATTITUDE CONTROLLING OF LONGITUDINAL AUTOPILOT FOR GENERAL AVIATION AIRCRAFT**” in 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY-2018, in PSCMRET, Vijayawada, 2<sup>nd</sup> & 3<sup>rd</sup> April,2018.

- ❖ Presented a paper on **“POSITION CONTROL OF SERVO SYSTEMS USING PID CONTROLLER TUNING WITH SOFT COMPUTING OPTIMIZATION TECHNIQUES”** in International Association Of Engineering & Technology For Skill Development, 16<sup>th</sup> October, 2014.
- ❖ Presented a paper on **“DESIGN OF ALTERNATE ANALYTICAL STRUCTURE OF FUZZY PID CONTROLLER”** in MIT, Karnataka (International Conference).
- ❖ Presented a paper on **“DESIGN OF FUZZY PD CONTROLLER USING UNSYMMETRICAL TRIANGULAR FUZZY SETS”** in VITS, Vadlamudi (National Conference).
- ❖ Presented a paper on **“VEHICLE TO GRID TECHNOLOGY”** in KITS, Warangal (National Conference).

### **LIST OF WORKSHOPS ORGANIZED: NIL**

### **LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:**

- ❖ Participated a Three day National level **WIDTH** workshop from **14<sup>th</sup> April 2019 to 16<sup>th</sup> April 2019** at JNTUK, KAKINADA.
- ❖ Participated a One Week workshop on **“ Relay Technologies [from Electromagnetic relays to Numerical relays]”** from **19<sup>th</sup> December 2017 to 23<sup>rd</sup> December 2017** at VR Siddhartha Engineering College, Vijayawada.
- ❖ Participated a Two Week ISTE STTP workshop on **“ Eleectrical Power Systems”** conducted by Indian Institute of Technology Kharagpur (10<sup>th</sup> July to 15<sup>th</sup> July), 2017.
- ❖ Participated a One Week **“ A Refresher Course on basic Electrical Engineering”** from **19<sup>th</sup> June 2017 to 24<sup>th</sup> June 2017** at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated a One Week workshop on **“ Advanced industrial automation training”** from **14<sup>th</sup> November 2016 to 18<sup>th</sup> November 2016** at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated a One Day workshop on **“Power Simulation Tool Software Training and its Applications”** conducted by PRDC, Bangalore on **23<sup>rd</sup> July 2016** at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated a One Week **“ A Refresher Course on Pedagogy on Machines and Power Systems”** from **9<sup>th</sup> May 2016 to 15<sup>th</sup> May 2016** at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Attended a One Day Seminar on **“Renewable Energy Resources for Sustainable Development”** on **24<sup>th</sup> February 2016** at Gudlavalleru.

- ❖ Attended one week faculty development program on “**emerging trends in research areas of electrical engineering**” from dec 7<sup>th</sup> to 11<sup>th</sup> 2015 at gudlavaluru engineering college.
- ❖ Attended one week faculty development program on “**ETAP software training and its applications**” from dec 2<sup>nd</sup> to 8<sup>th</sup> june 2015 at gudlavaluru engineering college.
- ❖ Attended a Two Week Faculty Development Programme on “**Pedagogy on Power Systems and Drives**” during 18<sup>th</sup> to 30<sup>th</sup> May, 2015 at Gudlavaluru Engineering College, Gudlavaluru.
- ❖ Participated in a Two-week **ISTE Workshop on CONTROL SYSTEMS** conducted by Indian Institute of Technology Kharagpur, 2014
- ❖ Participated in Refresher course on “**Electric Circuit Analysis**” organized by EEE Department of Gudlavaluru engineering college, 2014.
- ❖ Participated in one week workshop on “**Training Teachers for Excellence**” Organised by Gudlavaluru engineering” ,2013.

**CERTIFICATIONS: 03**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES: INSTITUTE OF ENGINEERS(IE)**

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED: NIL**