POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

Sponsored by: SKPVV Hindu High School Committee,Estd: 1906
(Approved by AICTE Affiliated to JNTU Kakinada)
ISO 9001:2015 Certified
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FACULTY PROFILE

A.N.V.Ravi Kumar
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Website: http://rkforstudents.weebly.com
Contact 1: +91-9010166156
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CAREER OBJECTIVE:

Seeking a position to utilize my skills and abilities in the Electronics and Information Technology Industry that offers professional growth while being resourceful, innovative and flexible.

EDUCATION QUALIFICATION:

- **M.Tech in Embedded Systems** (2010-2012) from **Nova College of Engineering & Technology, Jangareddygudem** with **70%** aggregate.
- **B.TECH** in **Electronics and Communication Engineering** (2004-2008) from **Nova College of Engineering & Technology, Jangareddygudem** with **65%** aggregate.
- **Intermediate** (2002-2004) from **Sri Chaitanya Jr College** with **84.34%** aggregate.
- **S.S.C** from **Kennedy High School** (2001-2002) with **70.00%** aggregate.

EXPERIENCE:

- Worked as an **Assistant Professor** in **Nova Engineering & Technology** (November 2008 to October 2012) Jangareddygudem.
- Present working as an **Assistant Professor** in **Nova Engineering & Technology** (November 2012-Till Date) Jupudi, Ibrahimpatnam.

TECHNICAL PROFICIENCY:

THEORY:

- NA
- ECA
- ES
- EMI
- CS

PRACTICALS:

- NETWORKS LAB
- EDC LAB
- DSP LAB
- ECA LAB
- ITW LAB

SOFTWARE PROFICIENCY:

- Languages : C, C++
- DBMS Packages : SQL Server 2005
- Front End : VB(Visual Basic) & VB .NET
- Operating Systems : MS DOS,Windows98,2000,XP

ACHIEVEMENTS:

- Participated **International Conference** conducted by **ICACP-12**(International Conference on Amelioration in Communications and Power Engineering) on **2nd & 3rd March 2012.**
- Paper Publication in International Journal "RJCSE-Y12-TJ-F182" on **Advanced Multi Store Centralized Car Parking System**
- Paper Publication in International Journal "IJESR-Y12-11171" on **Tollgate Passes Using Smart Card Technology**
- Paper Publication in International Journal "IJESR-Y12-12192" on **Remote Controlled Android Using RF**

PROJECT PROFILE:

Main Project1:

Project Name	**Advanced Multi Store Centralized Car Parking System**
Team Size	**1**
Duration Period	**4 months**
Under Esteemed Guidance of	**Mr. P. Naga Raju (M.Tech)**

Description:

In today's era of miniaturization, it is crucial necessity to avoid the wastage of space in the areas of shopping complexes. The project on "Advanced Car Parking System" helps to reduce the wastage of space parking area in the place where more than 100 cars need to be parked. This Advanced Car Parking System enables the parking of vehicles, floor after floor and in slots that are constructed in a round building with a mid-space for placing a lift which is operated by the microcontroller by which the instruction is given by the RFID reader to move the lift to a particular slot. The LCD connected to controller shows the number of slots remained and filled

Main Project2:

Project Name	**FINGER PRINT BIOMETRICS PC LOGON**
Team Size	**4**
Duration Period	**1 Month 15 days**
Under Esteemed Guidance of	**Mr. Chinni Babu(M-Tech)**

Description:

The fingerprint sensor captures an image of the finger and relays it to the DSP. The DSP runs image enhancement, template extraction and identification and/or authentication algorithms to match the captured image against stored fingerprint templates. On a successful match, the DSP sends a signal across the RS232 standard to authorize access to the secured asset along with using some form of visual or audio signal to let the user and the system know that the user is verified.

On a failed match, some form of visual or audio signal can be generated using the DSP to alert the users and the administrators. Solutions for biometric products based on DSPs provide developers the flexibility to design a wide range of products. By leveraging the DSP programmability, low power consumption and high processing performance developers can design highly accurate, differentiated products with customized features to meet changing market needs.

The Fingerprint Biometric System coupled with identification and authentication software and a fingerprint sensor

Mini Project Lists:

Project 1: TOLLGATE PASSES USING SMARTCARD TECHNOLOGY

This project is to implement a toll -gate passing system using smart card technology. And provide a system to pay the toll gate tax using smart card

Project 2: REMOTE CONTROLLED ANDROID USEING RF

The main aim of the project is to design the wireless controlled robot using IR Communication. And it purpose is to control the direction of any automated device using wireless communication.

Project 3: EMPLOYEE LOGIN AND LOGOUT MANAGEMENT SYSTEM WITH RFID TECHNOLOGY

The aim of this project is to implement an attendance management system using RFID. And is used to maintain attendance status of the students & staff using the RFID technology.

EXTRA-CURRICULAR ACTIVITIES:

- Actively participated in **NET-09** activities.
- Participated actively in **AICTE** Sponsored Two Day National Level Seminar on **VISION-2020 FOR COMMUNICATIONS.**

PERSONAL SKILLS:

Comprehensive problem solving abilities

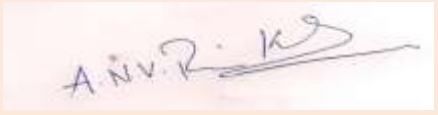
- Excellent verbal and written communication skills
- Ability to deal with people diplomatically
- Willingness to learn team facilitator hard worker.

PERSONAL PROFILE:

Name	:	**A.N.V.Ravi Kumar**
Father's Name	:	A.V.V.V.Prasad
Mother's Name	:	A.N.P.Mani Kumari
Nationality	:	Indian
Date of Birth	:	**25th May'1986**
Marital Status	:	Married
Hobbies	:	Listening to music, Playing Cricket, Chess
Languages Known	:	**Telugu, English, Hindi**

DECLARATION:

I hereby declare that all the above furnished information is true of the best of my knowledge and belief.



Place: Vijayawada **(A.N.V.Ravi Kumar)**