Faculty Profile

Name: R. Anil Kumar

About me: I R. Anil Kumar pursuing Ph. D (Part Time) from JNTU Hyderabad. Completed my M. Tech in Power Electronics from GRIET, Hyderabad. Currently working as Assistant Professor in EEE Dept, GRIET since 2008. Passionate and highly effective with success in instructional strategies to develop students' academic skills and raise their inner confidence in gaining new technologies. In these 11 Years of career experience, I had dealt with both Academic and Admin works pf College. These works had improved my ability in working as team member and accomplishing the tasks within the time given. Even the College and Department Management had supported me and encouraged me in handling the responsible works like ECAP supportive administration, Filing of NAAC (Criteria-7), A-VIEW Coordinator for the workshops handled under various IIT's (As GRIET one of the Remote Centre) and for various College level and Department Level workshops and many more. Apart from these, I got an ample time in concentrating on my Research and Career growth by learning new software's like MATLAB, LabVIEW, Arduino, Proteus, PSIM and attending various Workshops in and outside the campus starting from Teaching Methodologies to Research Methodologies. Under my guidance PG aspirants has published Two papers, among which one is published under *"Web of Sciences"* (A Scopus Indexed Paper) and even guided projects for UG students which helped in improving the Student's thinking capability and handling different jobs in a Team Work.

Contact Details: 9989432306

Courses Taught: Principles of Digital Electronics, Integrated Circuit analysis, Signals and Systems, Digital Signal Processing, Artificial Neural Networks and Fuzzy Systems, DSP Based Electro Mechanical Systems, Soft Computing Techniques.

Sponsored Projects:

Ongoing Projects:

Completed Projects:

Publications:

Journal Publications:
- *"Design of Class Φ_2 Inverter by using DSPACE Controller"* in International Journal of Scientific Engineering and Technology Research ISSN 2319-8885 on December 2016**.**
- *"Speed Control of BLDC Motor using DRV8312EVM in VisSim Environment"* in CVR Journal of Science and Technology ISSN 2277 – 3916 on December 2017

Conference Publications:

- Presented a paper on *"Reactive Power Compensation of Grid using DFIG"* in National Conference on Advanced Controls (NADCON 2009) November 26 – 27, 2009.
- Presented a paper on *"Voltage control of PMBLDC Motor Drive using PFC CUK Converter"* in National Conference on Innovations and Design Challenges in Electrical and Medical Electronics.21st August 2015 to 22nd August 2015.
- Presented a paper on *"Speed Control of DC Motor using Fuzzy Logic Controller by PCI 6221 with MATLAB"* in 1st International Conference on Sustainable Energy and Future Electric Transportation. 14th February 2019 to 16th February 2019

Research Interest:

Seminars:

Seminars/Workshops Attended:

1. Organized (as one of the members) AICTE STTP Phase – 1 and Phase – 2 on Automation Technologies for a Sustainable Future Transportation from 07-09-2020 to 12-09-2020 and from 05-10-2020 to 10-10-2020

2. Attended One-week Online FDP on SCILAB an open source substitute for MATLAB, JNTU College of Engineering, Sultanpur 25-05-2020 to 30-05-2020

3. Attended One-week online AICTE MARGADARSHAN FDP on Art of Writing Research Papers, GRIET, Hyderabad from 08-05-2020 to 13-05-2020

4. Attended AICTE Training and Learning Academy (ATAL) Faculty Development Program (FDP) on Internet of Things, ATAL from 28-04-2020 to 04-05-2020

5. Attended One-week Online FDP on "LaTeX" in association with Spoken Tutorial, IIT-Bombay & SGU from 26-04-2020 to 02-05-2020

6. Participated One Day Workshop on Arduino by IIT Bombay (A-View), GRIET on 08-02-2020

7. Participated One day Workshop on eSim, a First Course in the IoT Series for Teachers by IIT Bombay (A-View), GRIET on 21-09-2019

8. Organized One Day Workshop on Linux by IIT Bombay (A-View), GRIET on 23-08-2019

9. Participated One Day Coordinator Workshop on Linux IIT- Bombay (A-VIEW) GRIET on 03-08-2019

10. Participated Course Design and Instruction of Engineering Course through Swayam, GRIET from 08-07-2019 to 20-09-2019

11. Attended "Rural Development Through Technical Education – STTP", NITTR, Calcutta through A-VIEW from 29-07-2019 to 02-08-2019

12. Participated in STTP Through ICT Mode on "Measurement and Control for Industrial Automation", GRIET 11-03-2019 to 15-03-2019

13. Organized International Conference on Sustainable Energy and Future Electric Transportation, GRIET 14-02-2019 to 15-02-2019.

14. Organized Hands-On Workshop on Machine Learning and Deep Learning in GRIET from 30-01-2019 to 01-02-2019

15. Completed a Course on Effective Engineering Teaching in Practice sponsored by AICTE, NPTEL, Swayam, GRIET from 07-01-2019 to 22-02-2019.

16. Participated STTP Through ICT Mode on "Indian Electricity Rules and Code of Conduct" GRIET from 26-11-2018 to 30-11-2018

Awards:

1. Received "Elite" award for the Course "TALE 2: Course Design and Instruction of Engineering Course" held on Jul-Sep 2019 Semester

Invited Talks: