

SRI VENKATESWARA ARTS COLLEGE: TIRUPATI

TEACHER PROFILE

1. Name of the Faculty Member: Er. C.Ratna rao
2. Father's/ Husband's Name Late. C.Suryanarayana
3. Employee ID No 15062
4. Designation Lecturer
5. Department **Electronics**
6. Date of Birth 05-04-1967



7. Educational Qualifications:

B.Tech (ECE)----- S.V.University

M.S (Electronics & control)-----BITS Pilani

8. Projects done:

U.G ---- Communications: IC Analog Modulator

P.G ---- Digital signal processing: Design of FIR filter for ECG Processing

9. Teaching Experience:

I am having 30 years of teaching experience. I taught various Courses like Circuit theory, Electronic Devices & circuits ,Digital electronics, Analog communications, Analog and Digital IC applications, Microprocessors & Microcontrollers, Power electronics over these years. Out of my passion for teaching, I concentrate more on teaching various courses. Problem solving in Basic physics & Electronics is my hobby. I help students to improve their problem solving abilities.

In the present academic year 2020-2, I am handling the following courses.

| S. No | Subject/Paper handling | Teaching learning practices/ICT enabled tools and e-resources for enrichment of teaching |
|-------|-----------------------------|--|
| 1 | Electronic Devices&Circuits | NPTEL LECTURES—DESKTOP WITH BIG SCREEN, CIRCUIT SIMULATION SOFTWARE |
| 2 | Power Electronics | NPTEL VIDEOS- PSIM SOFTWARE |

10. Books published:

| S.No | Title of the Book | Nature of the book (subject area or others) |
|------|---|--|
| 1 | Digital electronics & Microprocessors(8085) | S.V.University Electronics(UG) D.D.E courses |
| 2 | Microcontrollers (Intel 8051) | S.V.University Electronics(UG) D.D.E courses |

11. CO-CURRICULAR, EXTENSION ACTIVITIES:

| S.No | NSS/NCC and other channels, Cultural/Literary/Counseling/Advertisement, any other specify. |
|-------------|---|
| 1 | Acted as Math & Science association vice president, I B.Sc Mathematics combinations admissions convener. |
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12. Memberships &Contribution to Curriculum restructuring:

At present acting as BOS Chair person in Electronics (UG), S.V.University.

Contributed for UG Electronics curriculum design under CBCS pattern.

13. Email ID: raocr3871@gmail.com