

**RESUME****G.ANURADHA**

W/O R.L.CHANDRA SEKHAR  
 D.NO-56/16/19,  
 JAYAPRAKASH NAGAR ,2<sup>ND</sup> LINE,  
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**EXPERIENCE:**

Teaching: 20 years  
 Industry: Nil

**CAREER PROFILE:**

| YEAR                 | ORGANISATION   | ROLE        |
|----------------------|--|-------------|
| Oct 2010 - Till Date | Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology, Vijayawada, Krishna Dt. | Asst.Prof.  |
| 2005-2010            | Gandhiji mahila kalasala,vijayawada Krishna Dt.  | Jr.Lecturer |
| 2002-2005            | Sri kakatiya mahila junior college,vijayawada Krishna Dt.  | Jr.Lecturer |

**EDUCATIONAL QUALIFICATION:**

| Degree       | Subject(s)                | Board / University                    | Year of Completion | Marks % |
|--------------|---------------------------|---------------------------------------|--------------------|---------|
| M.Sc         | Chemistry                 | Acharya nagarjuna university          | 2001               | 71      |
| B.Sc         | botany,zoology& Chemistry | Acharya nagarjuna university (SDMSMK) | 1999               | 89      |
| INTERMEDIATE | Bi.P.C                    | AP Board of Intermediate (SDMSMK)     | 1996               | 69      |

**THE SUBJECTS HANDLED:**

*Engineering Chemistry, Applied Chemistry, Engineering Chemistry (I Year-Polytechnic), Chemistry -(Intermediate), Environmental studies, Professional ethics and human values*

### **PUBLICATIONS:**

*1. Published a paper entitled "Design and fabrication of solar vehicle using composite materials and tilting mechanism"-2018 vol-4, IJRASET.*

*2. Published a paper entitled "Conversion of four stroke engine as multi fueled eco friendly two wheeler"-2016 vol-3 IRJET.*

### **MEMBERSHIPS:**

ISSE ( Indian society of systems for science and engineering ) (LM03772)

IAENG (International Association of Engineers) (264811)

IFERP (Institute for engineering research and publications ) (PM1362509)

### **CURRICULUM:**

#### **CERTIFICATION**

Certificate of appreciation as participant in the conference ICPIPEHH-2017 conference held at school of engineering, Dayanand Sagar University, Bangalore, India

### **CONFERENCES, SEMINARS, WORKSHOPS & GUEST LECTURES ATTENDED:**

Participated in "One Week online Faculty Development Program on Integration of Renewable Energy and Smart Grids for Smart Cities" BANSAL Institute of technology ,lucknow during 7<sup>th</sup> march to 12<sup>th</sup> march

Participated Three Day International Webinar Series on "*Synthesis and Characterization of Nano-materials and their Novel Applications*" organized by *Department of Physics, R.K.Valley, Rajiv Gandhi University Of Knowledge Technologies, A.P (RGUKT-AP)* from 17th to 19th August 2020.

Actively participated in the **First International Virtual Conference On Nanomaterials, FIVCON-2020**, 10th – 12th September, 2020 organized by Dept. of Nanotechnology, Acharya Nagarjuna University, Guntur, AP., India, as part of the ANU Nanotechnology Virtual Lecture Series

*Participated in One Week Online FDP on "Engineering Physics and Materials Science", organized by Department of Physics from 03-08-2020 to 07-08-2020 CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY HYDERBAD*

Participated in one week Faculty Development Program on **“Nano Hybrid Composite Materials Characterization & Applications”** organized by Department of Mechanical Engineering from 24th to 28th August 2020. VNR VIGNANA JYOTHI INSTITUTE, HYDERABAD

Participated in **International Faculty Development Program on Disruptive Technologies** titled **"Electric Vehicles on the Grid Challenges and Opportunities"** held on **11.05.2020** organized by Industry Academia Cell in association with the Department of Electronics and Communication Engineering, Centre for Industrial Relations and Innovation Institution Cell. AVIT participated in the One Week Faculty

Development Program on **"Molecules and Beyond the Molecules"** organized by Department of Humanities and Basic Sciences, from 15th June 2020 to 19th June 2020 at **GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)**, Rajamahendravaram, Andhra Pradesh,

Successfully completed **One Week Online Faculty Development Programme on "PHYSICS OF MATERIALS"** organized by Department of Physics, Kalasalingam Academy of Research and Education from 08-14 June 2020

attended the 5 days Faculty Development Program on **"Materials for Thermal and Renewable Energy Research"** from 20th May, 2020 to 24th May, 2020 organized by **Department of Mechanical Engineering, Sri Sai Ram Institute of Technology**, Chennai, Tamilnadu,

Participated in national virtual FDP on recent trends in advanced chemistry conducted by UPES Dehradun during 8<sup>th</sup> to 13<sup>th</sup> June 2020.

Participated in 5 day FDP in **“Instructional design & delivery”** conducted by PSCMRCET, Vijayawada during 4<sup>th</sup> to 8<sup>th</sup> June 2018.

*Presented a paper entitled “The use of non-conventional sources of energy is necessary in our India” in a two day National seminar on “Need and role of Non-conventional energy sources for sustainable Future” held on 23<sup>rd</sup> & 24<sup>th</sup> January 2018 conducted by Department of Physics, ANR college- Guvivada*

Participated in 5 day FDP entitled **“magical teacher”** conducted by PSCMRCET, Vijayawada during 9<sup>th</sup> to 13<sup>th</sup> NOVEMBER 2016.

Participated in 2 day National Seminar on **“RECENT DEVELOPMENTS IN ENGINEERING SCIENCE AND ITS COMPUTATIONAL APPLICATIONS”** Organized by MATHS departments PSCMRCET, Vijayawada on 23<sup>rd</sup> & 24<sup>th</sup> SEPTEMBER 2016.

Participated in 2 day National Seminar on **“ADVANCES IN CHEMICAL SCIENCES”** Organized by Department of Chemistry KBN COLLEGE, Vijayawada on 18<sup>th</sup> & 19<sup>th</sup> SEPTEMBER 2015

*Presented a paper entitled ‘SHAPING THE FUTURE WITH NANO SCIENCE’ held on 19<sup>th</sup> to 20<sup>th</sup> AUGUST 2015, at P.B, Siddhartha college of arts and science, vijayawada.*

Participated in 5 day FDP in **“ENGLISH COMMUNICATION SKILLS”** conducted by PSCMRCET, Vijayawada during 3<sup>rd</sup> to 7<sup>th</sup> June 2013

Participated in 2 day National Seminar on **“RECENT TRENDS IN SURFACE SCIENCE AND NANO TECHNOLOGY”** Organized by Department of Science and Humanities PSCMRCET, Vijayawada on 29<sup>th</sup> & 30<sup>th</sup> NOVEMBER 2013.

## **EVENTS ORGANIZED/ CONDUCTED:**

Organised a 3 day FDP entitled “Moving to master science in technology” during June18-20, 2020

Acted as a department Coordinator of NAAC AND NBA

Acted as a Coordinator of JIGNASA-2018 held on 10-JAN-2018 in PSCMRCT.

Acted as a Coordinator in a Two day national seminar on “**Recent developments in engineering science and its computational applications (RDESCA-2016)**” sponsored by DST –SERB, conducted by Dept. of Mathematics, P SCMRET-Vijayawada on 23<sup>rd</sup> & 24<sup>th</sup> September 2016.

### EXTRA CURRICULUM

Certificate of “Winners in THROW BALL” in 10<sup>th</sup> Annual Sports Day Celebrations held on March-2018

Certificate of “ Runners in THROW BALL” in 9<sup>th</sup> Annual Sports Day Celebrations held on Feb-2017

### Skills:

- Distance learning tools
- Evaluations and assessments
- Classroom lectures
- Lesson plan creation and classroom management
- Technology-based learning tools
- Tutoring and coaching
- Curriculum Development
- Student performance evaluation

### Experience:

- Participated in faculty meetings to discuss department goals and strategy.
- Engaged students in lectures by encouraging sharing of opinions and group interactions.
- Created lesson plans and developed instructional materials covering required topics and learning objectives.
- Evaluated student progress, graded assignments and provided students with feedback.
- Administered and graded tests and assignments to evaluate student performance and monitor progress.
- Prepared innovative course materials to encourage critical thinking and discussion.
- Tutored students requiring additional assistance to improve overall comprehension of difficult concepts.
- Planned class material to engage students in both online and in-person class environments.
- Applied creative instruction methods to promote student learning objectives.
- Constructed quizzes, exams and homework assignments to test student aptitude.
- Held office hours to discuss grades, assignments and tests with students.
- Built strong student rapport by driving classroom and online discussions and providing academic advisement.
- Used multiple teaching styles to meet learning needs of each individual student.

### Summary:

With over 20 years of experience teaching , I have devoted my career to working with students in the chemistry courses. I excel at explaining complex concepts using terminology that students can relate to. I have experience adapting my course materials and teaching techniques to assist students that have to overcome the challenges associated with physical, emotional, and learning disabilities.

Over the years, I have continued to adapt my course work from traditional classroom lectures and paper homework assignments, to the use of technology - video lectures, online homework, note templates, online discussions.

I take the time to provide students with continual feedback - feedback on homework and quizzes, tests, and progress reports through the semester with a continual goal of encouraging them to improve their grades and seek assistance on topics they still need to master.

My devotion to education persists as I continue to seek new insights and teaching techniques through professional development that will help me adjust my courses for the changing needs of students.

**Signature**

A handwritten signature in blue ink, appearing to read 'Anuradha G.', is shown within a white rectangular box.

(G.ANURADHA)