

Andhra Christian College
Guntur

Personnel Profile

of

Dr. M. Ratna Raju

M.Sc[Tech],Ph.D

Lecturer in Physics

For the Academic Years 2018-2023

- 1) Date of Joining in the College (Un-Aided): **12-08-1995.**
- 2) Date of Admission into Grant-in-aid: **24-06-2000.**
- 3) Total number of teaching experience: **28 Y**
- 4) Appointed as convener for celebrations committee by the principal from **1-10- 2018.**
- 5) Appointed as Co-coordinator to conduct Pre-final Intermediate Examinations in **January 2018.**
- 6) Attended a National Seminar in the Dept.of Chemistry at Acharya Nagarjuna University, on **23-09-2019**
- 7) Attended Orientation Training Programme to PGT 'S, Conducted by Samagra Shiksha, Guntur on **19-11-2019.**
- 8) Taken Charge as Warden to Wolf Hall Hostel from **1-10-2019.**
- 9) Taken Charge as H.O.D of Physics and Computer science departments on **24-01-2020.**
- 10) Acted as **Convener** for Academic Prizes for the Academic Year **2019-20.**
- 11) Attended as Degree Practical examiner at J.M.J, College for Women, Tenali from **28-02- 2020 To 29-02-2020.**
- 12) Participated in the Two Day International FDP Webinar on “Challenges and opportunities in Higher Education in COVID 19 Scenario: The Way Forward” from **27 -05-2020 and 28-05- 2020.**
- 13) Participated in Five days online International Faculty development program on online teaching tools for video learning and Digital e-learning from **19-05-2020 to 23-05-2020 at Sir.C.R.Reddy, College, Eluru.**
- 14) Participated in Five days online Faculty development program on “Recent Trends in Applied Physics & Material Science from **8-6-20 to 12-6-20,** conducted by Dept of BS&H,QISCET,Ongole.

- 15) Participated in the International Webinar on Synergistic efforts of Academicians and Industrialist in combating COVID-19, Luminescence, conducted by Dept.of Physics held on **2-06-2020**.
- 16) Participated in Five days online Faculty development program in LMS Video & Pedagogy on the theme of Imaging & shaping of Digital education & LMS towards the development High quality of e-content from **3-08-2020 to 7-08-2020, Organized by CCE, A.P.**
- 17) Participated in National Level Five days online Faculty development program on multy Disciplinary Approach towards Emerging trends in Science & Humanities from **1-06-2020 to 5-06-2020**, conducted by Ramachendra **Engineering College, Eluru.**
- 18) Participated in National webinar on Role of composite materials in modern Engineering Era Organized by Dept.of Applied Science & Humanities of **Tirumala Engineering College, on 29-06-2020.**
- 19) Participated in National webinar on ICT enabled teaching, Learning Evaluation of English Language & Literature, organized by the Department of English and **IQAC, Noble College(A), Machilipatnam on 05-06-2020.**
- 20) Participated in the “Organic Materials for solar cell, webinar conducted by Dept.of Science & Humanities Narasu’s sarathy, institute of Technology, Salem, on **3-06-2020.**
- 21) Attended the one day National Webinar on “Post-Lockdown Academic Challenges in Higher Education Institutions “organized by IQAC of Government College for Women (A), **Guntur on 28-05-2020.**
- 22) Participated in the International Webinar on Isolation and Despair time of Plague on **29-05-2020**, conducted by Dept.of English, Little flower Degree College,Uppal,,Hyderabad.
- 23) Participated in A five day APCCE-US faculty development program on new Knowledge in Physics and Energy materials: Advanced Research Techniques From **6-07-2020 to 10-07-2020** organized by CCE, A.P, Vijayawada, in Association with University of Louisville- USA, Southern University-USA

and Elizabeth city state University-USA.

- 24) Attended as Examiner to conduct the Vth sem Internship Viva-Voce from **25-4-2023** to **25-4-2023** at J.M.J College, Tenali.
- 25) Attended EISC work shop at V.I.T, University, Amravati, A.P, on **9-6-2023**.
- 26) Participated in the National Seminar on Advanced Functional Device Materials held at Department of Physics, University College of Science, Acharya Nagarjuna University from **27-02-2023** to **28-20-2023**.
- 27) Attended Board of studies meeting at J.M.J, College for women (Autonomous), Tenali on **02-05-2023**.

Publications

- 1) Physical and Structural Characterization of Chromium Ions doped SrO-Li₂O-CaO-B₂O₃ (SLCB) Glasses. International Journal of Science and Research (IJSR). **Vol.4, Issue 8, August 2015**.
- 2) Physical and Structural Characterization of Manganese Ions doped SrO-Li₂O- CaO-B₂O₃ (SLCB) Glasses. International Journal of Scientific Engineering and Research (IJSER). **Vol.3, Issue.8, August 2015**.
- 3) EPR and Optical studies of SrO- Li₂O-CaO-B₂O₃(SLCB) Glasses Doped with Manganese Ions. Indian Journal of Applied Research. **Vol. 5, Issue 10, Oct. 2015**.
- 4) EPR and Optical studies of SrO- Li₂O-CaO-B₂O₃ (SLCB) Glasses Doped with Chromium Ions. International Journal of Advanced Research. **Vol. 3, Issue 9, Oct. 2015**.
- 5) Physical and structural characterization of copper ions doped SrO - Li₂O-CaO- B₂O₃(SLCB) Glasses. Mathematical Sciences International Journal. **Volume 5, Issue 1,(2016)**.

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