

FORMAT FOR DETAILS OF INDIVIDUAL TEACHERS

1. **Name** : Dr. CHANDRA MOHAN KURMARAYUNI
 2. **Designation** : GUEST FACULTY
 3. **Department** : CHEMSITRY
 5. **Qualifications** : M.Sc., Ph.D.
 6. **Date of Birth** : 10-06-1991
 7. **Date of Joining** : 24-03-2021
 8. **Phones: (off):** _____ **(Res):** _____
Cell: +91-9848947375

9. **Email ID** : dr.cm.kurmarayuni@gmail.com

10. **Title of Ph.D. Thesis** :

| Title of Thesis | University from which PhDs awarded | Awarded Year |
|--|---------------------------------------|-----------------|
| Green Synthesis, Characterization, Catalytic and Biological Applications of Graphene and its Metal-Based Nanocomposites. | Acharya Nagarjuna University | 2021 |

11. **Areas of Research Interest** :

- Plant assisted nanocomposites, Nanoparticles (NPs), Nanocatalysis, Nanomaterials and their applications and biological studies.
- Green synthesis applied for Nanomaterials and their applications.
- Organic Synthesis and their biological activities such as anticancer, antioxidant and antimicrobial activities.
- Method Development and Validation of Pharmaceutical drugs and their combinations by HPLC.

12. **Research Students Information (Awarded):**

| Guided Successfully | | Presently Guided | |
|---------------------|--------|------------------|--------|
| Ph.D | M.Phil | Ph.D | M.Phil |
| - | - | - | - |

13. Academic Achievements:

- **Best Researcher Award** from Top 100 Researchers, India Prime Awards 2022, Foxclues.
- **Research Excellence Award 2020**, Institute of Scholars (*InSc*), Bangalore, Karnataka, India.
- **InSc Reviewer**, International Journal of Basic and applied Sciences, Journal of Institute of Scholars (*InSc*).
- Qualified in **Chemical Sciences, APSET-2019** [APSLET/7192/2019].
- University Research Fellowship (URF) [ANU/UCS/URF/ Research Fellowship-2017-18/2018, date: 16-11-2018].
- Faculty Ratify as **Assistant Professor** in Department of Chemistry, **Chebrolu Engineering College**, Chebrolu, Guntur, A.P. India. Ratified by JNTU Kakinada, A.P. India. [Lr. No. JNTUK/Registrar Peshi/ Ratify Principal & Faculty/2016 (date: 22-08-2016)].
- **InSc Professional Member**, Institute of Scholars (*InSc*) [Life time membership: InSc: 20200836].
- **Member**, Society for the research and studies of Nanotechnology (SFRSN), [No: SM98071253].

14. No. of books published : 03 (Book chapters)

- Synthesis and characterization of Lablab purpureus dried leave extracts. Futuristic Trends in Chemical, Material sciences & Nano technology (IIP-V2-2022-BS-06-03), IIP Proceedings. Volume 2, Book 12, Part 5, Chapter 1, Page 279-292, 2022. ISBN: 978-93-95632-66-9.
- To determine the frequencies and wavelengths of *C. diurnum* leaves by using molecular spectroscopic analysis. Advances in Chemical sciences, Integrated Publications, Volume 4, Page No 73-91, 2022. ISBN: 978-93-93502-14-8. Doi: [10.22271/int.book.196](https://doi.org/10.22271/int.book.196).
- A facile green synthesis of reduced graphene-oxide nanocomposite with a plant extract and its sonochemical dye removal applications. Book of Abstracts, International Conference on Applied Sciences and Technology (ICAST-2019), Page-167, 2019. ISBN-978-93-5351-933-9,

15. No. of research articles published/presented since the inception:

| Journals | | Conferences | |
|----------|---------------|-------------|---------------|
| National | International | National | International |
| 03 | 16 | 10 | 15 |

16. Details Major/Minor Research Projects held/holding:

| Title and Sanction Order Particulars | Date of Project Sanctioned | Major/Minor and Funding Agency | Amount in Lakhs |
|---|-----------------------------------|---------------------------------------|------------------------|
| - | - | - | - |
| - | - | - | - |

17. Research Collaboration with the faculty of foreign Universities:



Signature of the Teacher