

## FACULTY PROFILE

### Basic Details:

| Name:             | Contact No. | Email id                                                   |
|-------------------|-------------|------------------------------------------------------------|
| Mr.Y.Bala Kotaiah | 9441400925  | <a href="mailto:baalujan@gmail.com">baalujan@gmail.com</a> |

**DOB:**01.06.1979

**Qualification:**M.Sc, M.Phil., APSET

| Degree    | Year | Specialization/Institution                  |
|-----------|------|---------------------------------------------|
| Bachelors | 2001 | GDC, Srisailam project                      |
| Masters   | 2003 | Pure Mathematics-SKU,Anantapuram            |
| APSET     | 2012 | Mathematics                                 |
| M.Phil    | 2007 | Mathematics ,Alagappa University ,Tamilnadu |

**Present Designation:** Lecturer in Mathematics

### Teaching Experience:

- Lecturer in Chemistry, SGTRM Govt College, Yerraguntla, Nandyal (D.T.) - 21.08.2021.- till date.
- Lecturer in Mathematics , GDC, Srisailam, Kurnool -25-09-2003 to 26-02-2007.
- Lecturer in Mathematics, SML GDC, Yemmiganur, Kurnool -03-09-2007 to 20-07-2012 and 21-09-2015 to 17-07-2019.
- Lecturer in Mathematics, GDC for Men, Kurnool – 08-07-2013 to 02-09-2015 and 19-07-2019 to 03-10-2021.
- Lecturer in Mathematics, SGTRM Govt College, Yerraguntla, Nandyal (D.T.) - 19.10.2021.- till date.

### Achievements:

- E- content generator- Developed Video lessons for Commisionerate of Collegiate Education, (CCE) Vijayawada.
- Encouraging Best out going I, II & III Year Chemistry student by giving Endowment prize every academic year on College Day.

### Best Practices:

- Motivating students at the entry level by conducting Bridge tests & motivation classes as 90 % of them are from rural background.

- Generating Self Employment by conducting Certificate Courses.
- Promoting ICT based learning among students.
- Conducting blood grouping and Haemoglobin estimation camp for all fresher's of the College.
- Organizing Community Service Programmes to create a sense of concern towards Health and Hygiene
- Science Expo & Science Talk is organized in January first week of every academic year. Students are encouraged to present poster and oral presentations depicting the Science & Technology issues of previous calendar year.
- National Mathematics Day, National Science Day are observed every year by conducting awareness programmes.
- Career Guidance & PG Entrance Coaching

#### Faculty Development Programme Attended

| S.No. | Programmes                                    | University                                                     | Period of time           | Topic                                                                                                                        |
|-------|-----------------------------------------------|----------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1     | Faculty Development Programme                 | By CCE,AMARAVATHI,AP                                           | 13.07.2020 to 17.07.2020 | "New knowledge, Pedagogical Methods": New Frontiers in Real Analysis, Abstract Methods, Differential Equations and Calculus. |
| 2     | Faculty Development Programme                 | By CCE,AMARAVATHI,AP                                           | 12-10-2022 to 16-10-2022 | Analytical skills.                                                                                                           |
| 3     | Faculty Development Programme                 | By CCE,AMARAVATHI,AP and PSC & KVSC GDC,Nandyal                | 12-06-2023 to 17-06-2023 | English medium of instructions,proficiency in English                                                                        |
| 4     | Faculty Development Programme                 | PRDS COLLEGE OF ARTS & SCIENCE,KERALA,INDIA                    | 23-08-2020 to 29-08-2020 | Real ,Applied and Computational Mathematics.                                                                                 |
| 5     | Faculty Development Programme                 | Hindustan College of Engineering and Technology ,Coimbatore-32 | 17-08-2020 to 23-08-2020 | Application & Implements of Mathematics.                                                                                     |
| 6     | National Online Faculty Development Programme | IPS ACADEMY,INDORE                                             | 07-06-2021 to 12-06-2021 | Advanced Oppordunities and Implicit Research Technologies in Sciences                                                        |

|   |                               |                                                             |                          |                                                                                      |
|---|-------------------------------|-------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|
|   |                               |                                                             |                          |                                                                                      |
| 7 | Faculty Development Programme | GOVT.-FIRST GRADE COLLEGE,VIJAYANAGARA,BENGALURU, KARNATAKA | 10-06-2021 TO 15-06-2021 | INNOVATIVE TEACHING AND RESEARCH IN SCIENCE: Exploring The New Horizons.             |
| 8 | Faculty Development Programme | SANTHIRAM ENGINEERING COLLEGE,NANDYAL                       | 28-05-2020 to 02-06-2020 | Mathematical Software – Hands on Experience: Tools & Techniques for next Generation. |

**Publications :**Published 2 papers in International Journals

| <b><u>S.No</u></b> | <b>Title of the Paper</b>                                                                            | <b>Name of the Journal/Proceedings</b>                        | <b>Volume &amp; Page No.</b> | <b>ISSN /ISBN Number</b>    |
|--------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------|-----------------------------|
| <u>1</u>           | Numerical Study of Navier – Stokes & Eulerain Models for the Recreation of Compressible Viscous Flow | Neuro Quantology                                              | 20(Pg.No.8679-8698)          | ISSN-1303-5150              |
| <u>2</u>           | Boundary Regularity of Shear Thickening Viscosity as The Stable Stokes type Flow                     | Mathematical Statistician and Engineering Applications:Scopus | 72No.1(2023)                 | ISSN-2094-0343<br>2326-9865 |

**Seminars /Conferences attended/Papers presented** – Participated and presented papers in 8 National level seminars,conferences and workshops

| <b>S.No</b> | <b>Seminar Name&amp; status</b>               | <b>Date</b>              | <b>Place</b>                                                    | <b>Participated</b> | <b>Topic of the paper submitted</b>                                                               |
|-------------|-----------------------------------------------|--------------------------|-----------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------|
| 1.          | Internaional Conference                       | 28.08.2022               | Indian Academicians and and Researchers Association,Montenegro. | Presented           | Numerical Study Of NAVIER STOKES And Eulerian Models For The RecreationOf CompressibleViscousFlow |
| 2           | Internaional Conference                       | 05-02-2023               | Indian Academicians and and Researchers Association,Montenegro. | Presented           | Boundry Regularity of Sher Thickening Viscosity as The Stable Stokes Type Folw                    |
| 3           | 3 Days Traning Programme On Intership and LMS | 30-01-2023 To 01-02-2023 | By CCE and Nodel Resource Center PSC and KVSC,GDC, Nandyal      | Participated        | 3 Days Traning Programme On Intership and LMS                                                     |

|   |                                |                                |                                                                                          |              |                                                                                                 |
|---|--------------------------------|--------------------------------|------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------|
| 4 | 2 Days National Webinar        | 29-09-2020<br>To<br>30-09-2020 | Yogi Vemana University,Kadapa.                                                           | Participated | Mathematics Perspectives in Applied Science.                                                    |
| 5 | 3Days International E-Workshop | 21-09-2020<br>To<br>23-09-2020 | Sovarni Memorial College<br>Howrah,WB and<br>Saldiha College,<br>Bankura,West<br>Bengal. | Participated | The Foundation of College Mathematics.                                                          |
| 6 | National Webinar               | 04-09-2023                     | SIR CR Reddy College,Eluru                                                               | Participated | Mat lab and Its Applications.                                                                   |
| 7 | National Webinar               | 10-06-2020                     | Govt.Degree College For Men,<br>Kurnool                                                  | Participated | On Recent Advances in Physics.                                                                  |
| 8 | National Webinar               | 06-08-2021                     | Govt.Degree College For Men,<br>Kurnool                                                  | Participated | Women Entrepreneurship<br>Emerging Issues<br>and Challenges in<br>The 21 <sup>st</sup> Century. |