

## FACULTY PROFILE



**Name:** AKUNDI CHANDRAMOULI

**Designation:** Lecturer in Mathematics

**Personal Website:** [Math with Mouli](#)

### Qualifications:

- **Master's degrees: M.Sc.(Applied Mathematics) from Andhra University, Visakhapatnam, Andhra Pradesh**
- **Secured University 2nd Rank with 81% marks**
- **Specialization in Classical Mechanics and Rigid Body Dynamics, Theory of Relativity and Cosmology, Fluid Dynamics, Boundary Value Problems, Optimization Techniques and Operational Research and Techniques of Applied Mathematics**
- **Possess Bachelor's Degree in Education from Andhra University in the Methodologies of Mathematics and Physical Sciences**
- **Passed Gazetted Officer's Test and Executive Officer's Test**
- **Qualified in APSET**
- **Completed Three Refresher Courses and One Orientation Course.**
- **Published Six Research Articles till to date in reputed National and International Journals**
- **Attended APCCE Faculty Development Programs in 2020**
- **Attended several online webinars and Faculty Development Programs and learned digital content making techniques and methods**

### Appointments and Experience:

- **Entered into Government Service as B.Ed. Asst. on 15.06.1995**
- **Promoted as Junior Lecturer on 07.06.2001**
- **Promoted as Degree Lecturer on 21.05.2013**
- **Rendered valuable services at various levels of teaching Mathematics as Teacher, Junior Lecturer, Lecturer and attained respectable track record for instructing the students for various prestigious examinations like IIT, VIT, BITSAT, EAMCET, CUCET and JAM with a vast experience of 29 years**

### As a Junior College Lecturer (2001 to 2013):

- **Possessed vast experience in Question Paper – Setting, Valuation and Re-valuation and acted as Chief Examiner for several years in the Spot Valuation Camps of Intermediate Education conducted by BIEAP, Hyderabad, Andhra Pradesh**
- **Associated with the conduct of Examinations in the capacity of Departmental Officer and Chief Superintendent for several years**

- Acted as **FAC Principal** for two times at GJC, Badangi
- Received **Best Teacher Award** from the BIEAP, Hyderabad, Andhra Pradesh for achieving 100% results in the year-end examinations.

**As a Degree College Lecturer at GDC, Srungavarapukota (2013 to 2021):**

- Played an important role in the preparation and submission of SSR, preparation of various academic records, documents and presentations during the 2nd cycle of **NAAC** at Government Degree College, S. Kota in 2014 and the institute was bestowed with B grade
- Acted as **JKC Coordinator** and trained Three Batches at GDC,S.Kota
- Acted as **MANA TV Coordinator** for Eight Years at GDC, S.Kota
- Worked as the **IQAC Coordinator** at Government Degree College, S. Kota and played a pivotal role in the preparation and submission of **FIVE Annual Quality Assurance Reports (AQAR)** successfully
- Worked as a **Resource Person** in the awareness campaigns on Personal Health & Hygiene, Digital Payment Systems, Cyber Security Awareness, Orientation on National Skill Development Corporation initiatives at Government Degree College, S. Kota
- Acted as a **Resource Person** for creating awareness on online teaching, digital content making, utilization of online resources and tools etc. for the staff members during the lockdown period and while conducting online classes
- Consistently used **ICT based teaching** in the institution and inculcated digital awareness among the other staff members when needed and extending guidance, training and support to the co-faculty members in digital content preparation and online teaching
- Acted as a resource person for inculcating awareness to the people of adopted villages on digital payments during demonetization
- Regularly prepared **Power Point Presentations** pertaining to the annual college activities for the Academic Audit
- Acted as **Bio-metric Coordinator**
- Acted as **CCE OTLP Coordinator**
- Acted as **NAAC Coordinator** and **IQAC Coordinator** and successfully discharged the duties with utmost care
- Successfully presented **NAAC Preparedness presentations** in the capacity of IQAC Coordinator
- Acted as **NIRF Coordinator** and submitted the institutional data every year
- Acted as **AISHE Coordinator** submitted the institutional data every year
- Acted as the **Convener for RUSA DPR Committee** at GDC, S.Kota and played a pivotal role in the preparation and submission of the Detailed Project Report (DPR)

to Rashtriya Uchchar Siksha Abhiyan (RUSA) and the institution was bestowed with a financial aid of **Rs. 2 Crores under Component 7 of RUSA 1.0**

- Extended essential cooperation voluntarily to the Office Administration from 2013 to 2021 at GDC, S.Kota when the office was lacking non-teaching staff. Prepared **Regular Salary Bills** and extended full support to all faculty members for preparation of **Income Tax Returns** and **e-filing of IT Returns**.
- Acted as **Convener/Member** in various Committees of the institution
- Coordinated with the Google tech-team ahead of every other institution in the district and successfully procured **G-Suite Account** for the institution which helped greatly during the online teaching period
- Acted as the institutional **Admin for the College Website** of GDC, S.Kota and kept the website dynamic and updated
- Worked as **ISO Coordinator**, prepared and submitted the Operational Manual Document to ISO Officials and acted as a key representative of the institution for getting **THREE ISO Certificates**:
  - 1) **ISO 9001:2015** for providing quality education
  - 2) **ISO 14001:2015** for maintaining Eco-friendly Environment and
  - 3) **ISO 50001:2011** for maintaining Green Energy Management System in the year 2021
- Acted as **Naadu-Nedu** Coordinator and prepared a Detailed Project Report with an estimation of around 6 Crores

#### **Roles at GDC, Cheepurupalli (2021 to present):**

Apart from Class-work and Academic Activities, he is

- Acting as **FRS Coordinator** and trained all the staff members about enrolment and marking of regular students attendance through mobile app
- Acting as **NIRF Coordinator** and submitting institutional data
- Acting as **AISHE Coordinator** and submitting institutional data
- Acting as the **NRC Coordinator** and coordinating NRC Meetings, Training of Trainers workshops, Job Drives as per the instructions of CCEAP
- Acting as the **Coordinator for Central Attendance Register** of the College
- Acting as the **Coordinator for CCE OTLP**.
- Acting as **Convener/Member** for various Committees in the College
- Appointed as a **Member of Board of Studies of Andhra University UG Mathematics** from 2023-24 to 2025-26 (Three Years duration)
- Providing Comprehensive Technical and Computational Assistance to all faculty members for preparation of **Income Tax Returns** and **e-filing of IT Returns**.
- Acting as the **Convener/Coordinator** for P.G. Course M.Sc.(Computer Science).
- Runs a personal website named **Math with Mouli** for the students which offers everything which is needful for his students and his institution.

## **Research Publications:**

### **May 2023 Publication:**

**Title of the Paper: STOCHASTIC PROCESSES AND BAYESIAN INFERENCE: A THEORETICAL AND COMPUTATIONAL EXPLORATION OF PREDICTIVE MODELING IN FINANCIAL MARKETS**

**Name of the Journal: International Journal of Multidisciplinary Educational Research (IJMER)**

**ISSN/ISBN No: 2277-7881**

**Issue: Volume 12, Issue 5(1), May 2023**

**Impact Factor: 8.017**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**

### **August 2023 Publication:**

**Title of the Paper: Exploring Advanced Mathematical Frameworks For Optimizing Real-Time Computational Techniques In Interactive Computer Gaming And High-Fidelity Animation Systems**

**Name of the Journal: International Journal of Creative Research Thoughts (IJCRT)  
ISSN/ISBN No: 2320-2882**

**Issue: Volume 11, Issue 8, August 2023**

**Impact Factor: 7.97**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**

### **October 2023 Publication:**

**Title of the Paper: MATHEMATICAL FRAMEWORKS AND LINGUISTIC DISCOURSES: AN INTERDISCIPLINARY INQUIRY INTO THE SYNERGIES OF NATURAL LANGUAGE PROCESSING WITH ENGLISH LANGUAGE AND LITERARY STUDIES**

**Name of the Journal: Journal of Emerging Technologies and Innovative Research (JETIR)**

**ISSN/ISBN No: 2349-5162**

**Issue: Volume 10, Issue 10, October 2023**

**Impact Factor: 7.95**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**

### **January 2024 Publication:**

**Title of the Paper: Non-static plane symmetric bulk viscous dark energy cosmological model**

**Name of the Journal: International Journal of Physics and Mathematics**

**ISSN/ISBN No: 2664-8644**

**Issue: Volume 6, Issue 1, January 2024**

**Impact Factor: RJIF 8**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**

### **February 2024 Publication:**

**Title of the Paper: Permanence and uniform asymptotic stability of almost periodic positive solutions for COVID-19 epidemic model with time delays**

**Name of the Journal: Journal of Mathematical Problems, Equations and Statistics**

**ISSN/ISBN No: 2709-9407**

**Issue: Volume 5, Issue 1, February 2024**

**Impact Factor: RJIF 5.30**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**

### **March 2024 Publication:**

**Title of the Paper: Geometric properties of convolution: Normalized miller-ross function and I-hypergeometric functions**

**Name of the Journal: International Journal of Statistics and Applied Mathematics**

**ISSN/ISBN No: 2456-1452**

**Issue: Volume 9, Issue 2, March 2024**

**Impact Factor: RJIF 5.34**

**Certificate of Publication: [Click Here](#)**

**Published Paper: [Click Here](#)**

**DOI/ Journal Link: [Click Here](#)**