

Name: Dr. M. Bala Prabhakar



Qualification: M. Sc, B. Ed, Ph. D (Pure Mathematics).

Designation: Professor & HOD of H&BS.

Research Area: BE-Algebras.

No. of Papers Published: 09 (Scopus & WOS:05, UGC:03, Conference:01)

Conferences Attended: 03.

Memberships: Life member of APTSMS & IMS.

No. of Patents: 02(Published)

Work Profile:

During my 17year of teaching career in Aditya Engineering College, I played a key role in:

- Enhancing the Teaching Learning experience by preparing Course materials for all Mathematics courses.
- Designing the curriculum for all Mathematics courses of AR-17, AR-19 and AR-20 academic regulations.
- Participate to designing the Student Induction program, mandated by AICTE for I B. Tech students.
- Mentoring the students through UHV as mandated by AICTE.
- Designing customized textbooks for three mathematics courses offered in I year B. Tech of AR-17 Regulations of Aditya Engineering College (A) through Pearson Publishers.
- Implementing OBE processes and imparting relevant knowledge to students as well as fellow teachers.
- Steering the department of H&BS (2017 to till date) during the preparatory process for accomplishing NAAC and Autonomous status to College.
- Steering the department in the capacity of HOD to offer Online Learning to B. Tech first year students through Google classroom/Microsoft Teams during COVID-19 Pandemic.

Positions Held:

- Act as Department internal Exams In charge from June 2013 to July 2017.
- Appointed as HOD of Humanities and Basic Sciences department from 16/006/2017 to till date.

Training Programmes:

- Completed offline training on UHV conducted by UGC in Hyderabad in May 2018.
- Completed online training on UHV conducted by AICTE in April-2020.

Certifications:

Completed the following certifications through Coursera:

1. Matrix Algebra for Engineers.
2. Differential Equations for Engineers
3. Classical Cryptosystems and Core Concepts
4. Introduction to Ordinary Differential Equations
5. Matrix Methods
6. Fibonacci Numbers and the Golden Ratio.
7. Introduction to Philosophy
8. Communication in the 21st Century Workplace
9. Introduction to Calculus
10. Introduction to Psychology
11. Vector Calculus for Engineers.