**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



NAME: **Dr. M. Uma Maheswar**

DATE OF BIRTH: 01.05.1983

DESIGNATION: Assistant Professor

DEPARTMENT: Humanities and Sciences (Mathematics)

EMAIL ID: [**umasvu8@gmail.com**](mailto:umasvu8@gmail.com)

DATE OF JOINING: 01.08.2013

EMPLOYEE ID: AITS991017

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D** | **S.V. University, Tirupathi** | **2017** |
| **M.Sc** | **S.V. University, Tirupathi** | **2007** |
| **B.Sc** | **S.V. University, Tirupathi** | **2003** |

## Research Details

1. Areas of Specialization: Fluid Dynamics,

Heat and Mass transfer

1. Number of Publications: 35
2. Awards Received : -
3. Research Guidance:
4. No. of PhD Guided: 01
5. No. of M.Tech Guided:
6. No. of B.Tech Guided:
7. Details of Professional Membership:

* Life member of Andhra Pradesh and Telangana Society of Mathematical Sciences (APTSMS)

1. Subjects Taught:

* Algebra and Calculus (Matrices, Partial Differentiation, Multiple integrals, Special functions)
* Differential Equations and Vector Calculus (Differential Equations, Applications of Integration, Vector Differentiation, Vector integration)
* Transform Techniques, Numerical methods and Complex variables (Laplace Transforms, Fourier Series, Fourier Transforms, Numerical Methods and Complex Analysis)
* Probability & Statistics: (Probability, Random Variables, Probability Distributions, Sampling Distributions, Testing of Hypothesis)
* Business Statistics: (Scope and applications of Statistics, Mathematical statistics, Index numbers, Time series)
* Operations research: (Scope and applications of Operations research, Optimization, Transportation problems, Assignment problems, PERT & CPM.
* General Aptitude: (Aptitude and resoning)