CURRICULUM VITAE

PERSONAL PROFILE:

Date of Birth: 1st June 1984

Gender: Male

Nationality: Indian

Name: Dr. G. Ameer Basha

Father's Name: G. Moulasab

Mother's Name: G. Pareedhabee

Languages Known (Write, Read and Speak): English, Hindi and Telugu.

E-mail: ameerbasha2005@gmail.com

Blog: https://abphysicsforyou.blogspot.com/

Youtube Channel: https://www.youtube.com/channel/UCS5rH6kLzsp77BXCxKgjlMA

https://youtube.com/c/AMEERBASHAKINGOFSCIENCES

Android App: https://play.google.com/store/apps/details?id=co.alexis.cqann

(Nawaz Educare solutions)

Ph.no: 9963201034; 7504472482

ACADEMIC PROFILE:

YEAR OF PASSING	EXAMINATION	UNIVERSITY / BOARD	MAJOR SUBJECTS	GRADE/ PERCENTAGE
2025	Ph.D.	Rayalaseema Univetrsiy	PHYSICS	AWARDED
2005-2007	M.Sc.	IIT GUWAHATI	PHYSICS	8.33 (CGPA)
2002-2005	B.Sc.	A.P.R.D.C; Nagarjuna Sagar, ACHARYA NAGARJUNA UNIVERSITY, GUNTUR, A.P.	MATHS, PHYSICS, CHEMISTRY.	72.00 % (First class)
2000-2002	INTERMEDIATE	GOVT Jr COLLEGE, KADIRI, BOARD OF INTERMEDIATE, A.P.	MATHS, PHYSICS, CHEMISTRY	81.7 % (DISTINCTION)
1999-2000	MATRICULATION (S.S.C)	Z.P.H.S, BOARD OF SECONDARY EDUCATION, ANDHRA PRADESH.	MATHS, SCINCES, SOCIAL, HINDI, ENGLISH, TELUGU	79.83 % (Distinction)

CAREER ACHIEVEMENTS:

- **289th** rank in the entrance exam of IIT **JAM (Year-2005)** in physics.
- **889th** rank in the entrance exam of **GATE (Year-2007)** in physics.
- **145th** rank in the entrance exam of **CSIR/JRF/NET** for pursuing PhD in physics.
  (Appeared 3 times and qualified 3 times-2007, 2012, 2018)
- **APSET**-2012 in Physics is qualified.
- **APRCET**-2018 in physics is qualified.
- Member of Indian Association Physics Teachers **(IAPT)**
- Selected as a Scientist-B in **ISRO** (2009)
- **3rd** Rank in **APSPSE –DL-2018 and** Joined in Govt service on 6th day of June 2018.

WORK EXPERIENCE:

- 2007-2009: Lecturer in physics in **SRI CHAITANYA** College (**HYDERABAD**).
  (Taught at the level of the book "FUNDAMENTALS OF PHYSICS" by David Halliday and Robert Resnick)
- 2009-2011: Assistant Professor in Physics in **INSIGHT** IIT-JEE Coaching Institute (**KOTA**).
  (Taught at the level of the book "FUNDAMENTALS OF PHYSICS" by David Halliday and Robert Resnick)
- 2011-2016: Associate Professor in Physics in **RESONANCE** IIT-JEE Coaching Institute (**KOTA**)
  (Taught at the level of the book "FUNDAMENTALS OF PHYSICS" by David Halliday and Robert Resnick)
- 2016-2018: Lecturer in physics in **SRI CHAITANYA** College (**HYDERABAD).**
  (Taught at the level of the book "FUNDAMENTALS OF PHYSICS" by David Halliday and Robert Resnick)
- **6th-JUNE-2018:** Joined in **Silver Jubilee Government College-Kurnool** as Assistant Professor selected through Andhra Pradesh Public Service Commission.
- **26th -March-2026:** Transferred from Silver Jubilee Government College – Kurnool to Government Degree College-Palamaner

Courses Taught

College Level Physics

Students of age group 14 to 18 years

Taught at the level of the book “FUNDAMENTALS OF PHYSICS” by David Halliday and Robert Resnick

1. Newton Mechanics

2. Waves and Oscillations

3. Heat and Thermodynamics

4. Optics

5. Electricity and Magnetism

6. Modern Physics

University Level Physics

(Students of age group 18 to 21 years)

1. Mechanics and Oscillations

Taught at the level of the following books

An Introduction to Mechanics by Robert J. Kolenkow and Daniel Kleppner

Vibrations and Waves by A.P.French

The Physics of Waves and Oscillations by N.K Bajaj

2. Optics

Taught at the level of the following books

OPTICS by Professor Ghatak

OPTICS by Eugene Hecht

A Text book of Optics by Brijlal and Subrahmaniyam

3. Heat and Thermodynamics

Taught at the level of the following books

Thermal Physics by S.C.Garg

Heat and Thermodynamics by Zemansky

4. Electromagnetic Theory

Taught at the level of the following books

Introduction to Electrodynamics by David J.Griffiths

Electricity and Magnetism by Mahajan and Rangwala

5. Modern Physics

Taught at the level of the following books

Modern Physics by Kenneth Krane

Modern Physics by Arthur Beiser

Modern Physics by R Murugeshan

Advance Level Physics

(Students of age group 20 to 24 years)

1. Classical Mechanics

Taught at the level of the following books

Classical Mechanics by J.C.Upadhaya

Classical Mechanics by Aruldhas

Introduction to Classical Mechanics by David Morin

2. Quantum Mechanics

Taught at the level of the following books

Introduction to Quantum Mechanics by David J.Griffiths

Quantum Mechanics by Aruldhas

Quantum Mechanics by Nouredine Zettili

3. Electromagnetic Theory

Taught at the level of the following books

Introduction to Electrodynamics by David J.Griffiths

Electromagnetic Theory by Satya Prakash

4. Mathematical Physics

Taught at the level of the following books

Advanced Engineering Mathematics by Erwin O. Kreyszig

Mathematical Physics by H.K.Das

Mathematical Physics by Satya Prakash

5. Introduction to Statistical Mechanics

Taught at the level of the following books

Fundamentals of Statistical Mechanics by B.B. Laud

A Textbook of Statistical Mechanics by Suresh Chandra

Fundamentals of statistical and thermal physics by Reif

Thermodynamics and Statistical Mechanics by Greiner

6. Solid State Physics

Taught at the level of the following books

Introduction to Solid State Physics by Charles Kittel

Solid State Physics by S O Pillai

Elementary Solid-State Physics by Ali Omar

Solid State Physics by M.A. Waheb