ACHARYA INSTITUTE OF GRADUATE STUDIES

Affiliated to BCU

NAAC A+ ACCREDITED

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Acharya Institute of Graduate Studies (AIGS), established in 2005, is one of Bengaluru's leading graduate colleges, committed to delivering industry-aligned undergraduate and postgraduate education. With innovative programs across sciences, technology, commerce, management, design, and languages, AIGS focuses on practical learning, career readiness, and holistic student development.

- Learn from experienced faculty with strong academic and industry exposure.
- Gain practical advantage through certifications such as AWS, ACCA, and other skill-based programs.
- Access global exposure through international immersion and collaborative learning opportunities.
- Benefit from personalized mentorship and a digitally rich library ecosystem.
- Achieve strong career outcomes with 550+ recruiters visiting annually for placements.

B.SC (BACHELOR OF SCIENCE)

About

Science is a field of study that has impacted all our lives from time immemorial. It has shaped the world around us. Science has improved our standards of living, cured diseases, advanced technology, and has always fed our curiosities.

- **Strong foundational science programme** offering specialisations such as **Physics, Mathematics, Computer Science and Computer Science – Data Science** to build analytical and technical skills.
- **Balanced blend of theory and practical labs,** helping students grasp scientific concepts and apply them effectively in real-world scenarios.
- **Exposure to interdisciplinary applications** including data analysis, computational thinking and scientific research methodology.
- **Mentorship and industry guidance** from experienced faculty to support skill development and career readiness.
- **Opportunities for holistic growth** through group activities, networking and analytical problem-solving experiences.

Career Scope

- **Diverse science roles –** Graduates can pursue careers in scientific research, analytics, IT and software, energy and power sectors.
- **Academic and higher-study pathways –** Options to continue into postgraduate studies, research, teaching or specialised MSc programmes.
- **Government and industry opportunities –** Eligible for careers in government jobs, engineering support roles, data science and technical positions across sectors.

Eligibility

10+2 in Science stream

Duration

3 years

COURSE CONTENT

Semester 1

- Heat And Thermodynamics – 1
- Matrix, Differential Calculus, Integral Calculus
- Problem Solving Techniques Using C

Semester 2

- Mechanics – 2, Heat And Thermodynamics – 2
- Groups, Differential Calculus, Integral Calculus , Differential
- Equation
- Computer Science -ii Data Structures Using C

Semester 3

- Electricity And Magnetism
- Mathematics - Iii Groups –ii, Sequence And Series Of Real
- Numbers And Differential Calculus
- Computer Science - Iii Data Base Management Systems And
- Software Engineering

Semester 4

- Optics And Fourier Series
- Groups-iv, Fourier Series, Mathematical Methods –i, Differential Equations -ii
- Operating Systems And Unix

Semester 5

- Statistical Physics, Quantum Mechanics – I, Atmospheric Physics
- And Nanomaterials
- Rigs,integral Domians, Fields, Differential Calculus Of Sclar And
- Vector Fields , Numerical
- Java Programmingmethods – I

Semester 6

- Astrophysics, Solid State Physics And Semiconductor Physics
- Calculus Of Variation, Line And Multiple Integrals
- Visual Programming
- Atomic, Molecular And Nuclear Physics
- Linear Algebra , Orthogonal Curvilinear Coordinates, Partial
- Differential Equations
- Web Programming

FEE STRUCTURE

Refer offer letter for the actuals.

Inclusions : Tuition Fee, University Registration, Eligibility Fee, Miscellaneous Fee, Laboratory Fee, Library Fee and Sports Fee.

Exclusions : Uniform & Stationery.
Examination fee as prescribed by the University / Board.

Students are offered complimentary Tab, OBT, Softskills & Linkedin Learning Licence.



Acharya Legacy

Founded in 1990, Acharya aims to revolutionize education. With over 12,000 students and 100+ academic programs annually, it stands among the global education elite. Located in India's technical hub, Bangalore, Acharya prioritizes innovation and knowledge. The institution fosters experiential and collaborative learning, shaping well-rounded individuals, evident in its diverse student population from 75+ countries.

11 Institutions

15 Research Centers

100+ Programmes

75+ Nationalities

12000+ Students

1000+ Eminent Faculty

120 Acres State-of-the-Art Campus



B Premnath Reddy
Founder Chairman
Acharya Group

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Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



PROGRAMS OFFERED

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