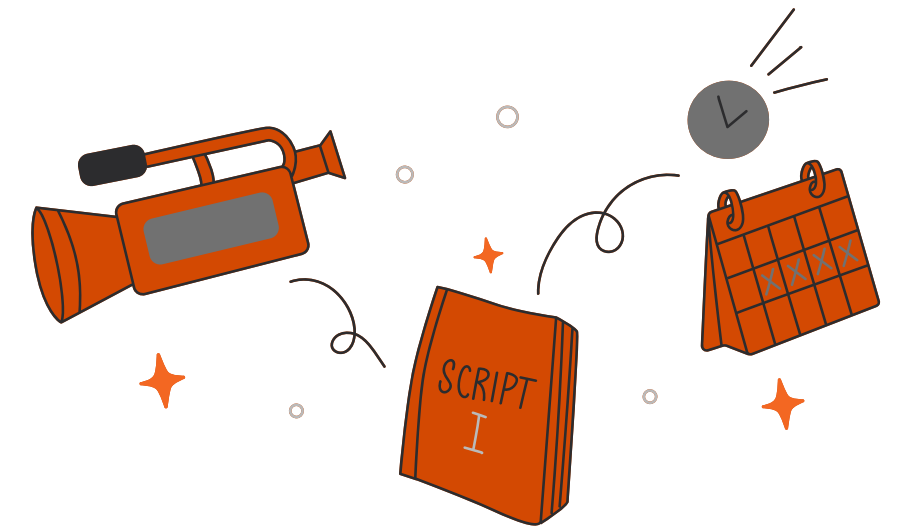
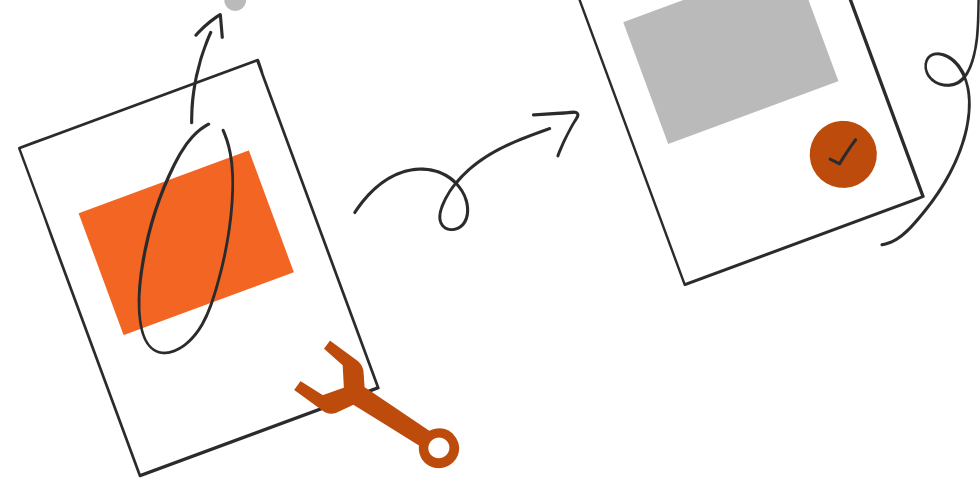


Summer School

IAQS | INSTITUTE OF ACTUARIAL
& QUANTITATIVE STUDIES

PATHWAY TO BECOMING AN ACTUARY





IAQS

OUR DISCUSSION

About Actuarial Science

How to pursue Actuaries

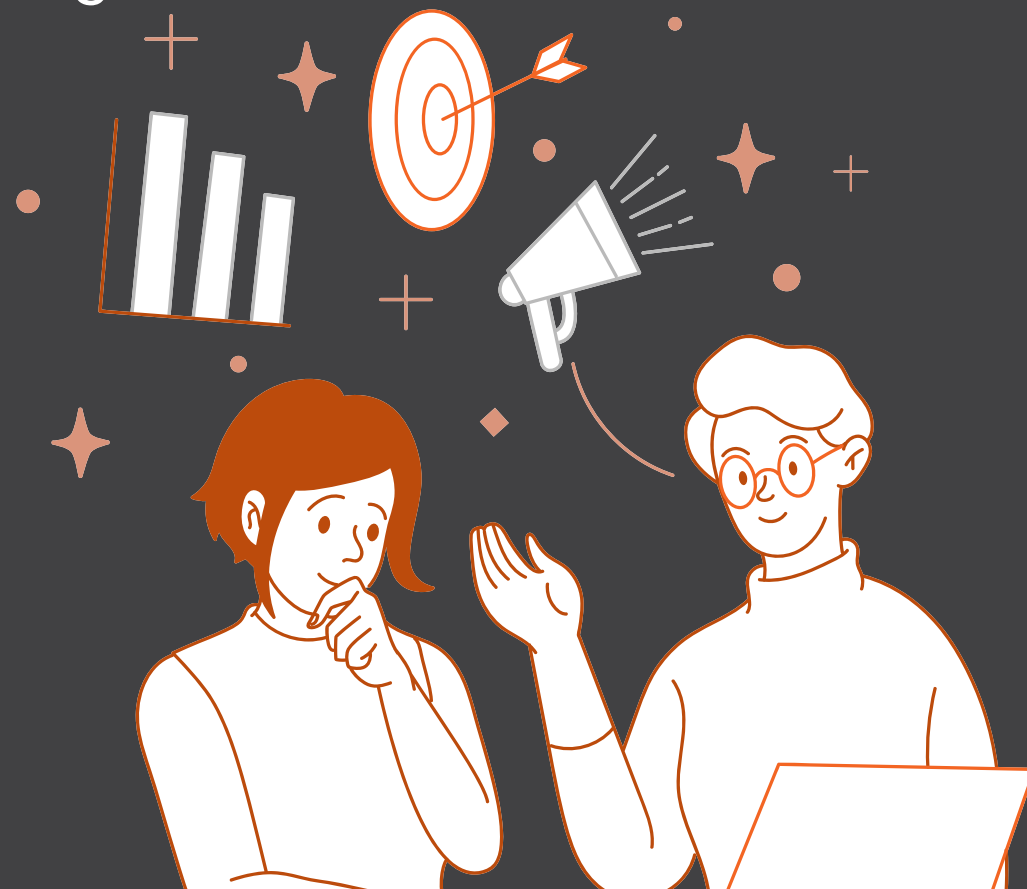
About **IAQS** | INSTITUTE OF ACTUARIAL
& QUANTITATIVE STUDIES

About the Opportunities



WHAT IS ACTUARIAL SCIENCE?

Actuarial Science applies mathematics, statistics, and financial principles to assess and manage risks in industries like insurance, finance, and healthcare. Actuaries analyze data, solve complex problems, and develop strategies to ensure financial stability, playing a critical role in informed decision-making and long-term planning.



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Life Insurance

Non-life Insurance

Pensions

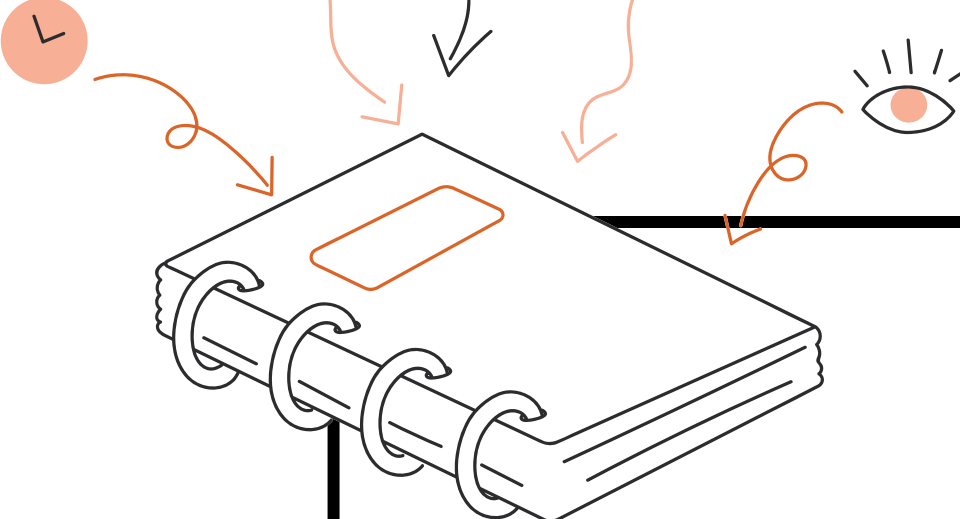
Enterprise Risk Management

Investment

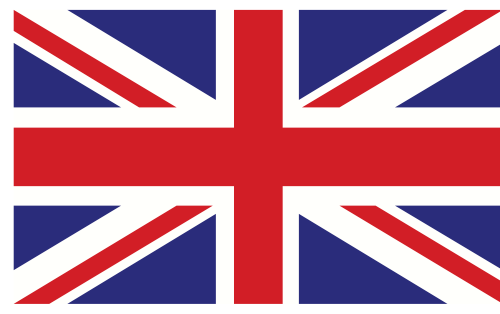
Data Science

Marketing & Strategy





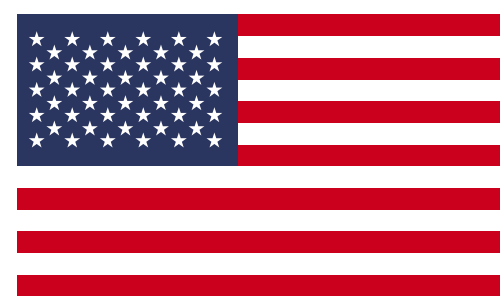
DEMAND



559,000

208,000

30,000



2.7 million

650,000

25,010



7.5–10
million

414,000

654

ENGINEERS

CA

ACTUARIES

WHO SHOULD PURSUE ACTUARIAL SCIENCE?

01 Strong in Mathematics and Statistics

Students who excel in numbers and logical thinking.



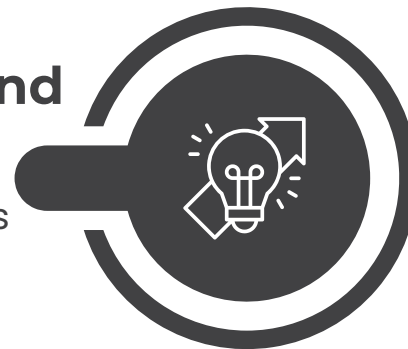
02 Problem-Solving Mindset

Enjoy analyzing situations and finding practical solutions.



03 Curiosity for Risk and Finance

Fascinated by how industries manage uncertainties.



04 Detail-Oriented

Comfortable working with data and paying attention to nuances.



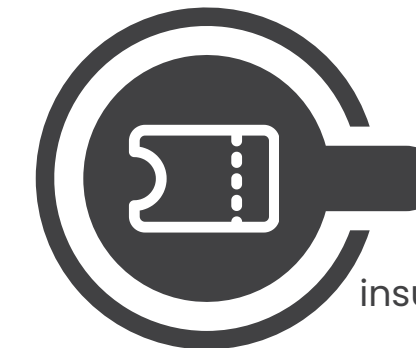
05 Resilient and Determined

Ready to take on challenging exams and professional growth.



06 Passion for Analytical Work

Students who enjoy working with data, graphs, and trends.



07 Interest in Finance and Business

Curious about how markets, insurance, and investments work.

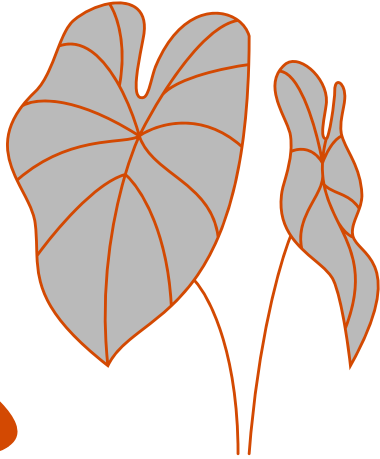


08 Love for Continuous Learning

Eager to upskill and adapt to new challenges.



CAREER PROGRESSION



Actuarial Manager/Director

Salary: ₹50–80 LPA

Position: **Actuarial Manager / Director**
Papers Cleared: **Fellowship completed**

Fellow Actuary

Salary: ₹15–30 LPA

Position: **Fellow Actuary**
Papers Cleared: **12+ (Fellowship achieved)**

Entry-Level Actuarial Analyst

Salary: ₹4–8 LPA

Position: **Actuarial Analyst**
Papers Cleared: **3–5**

Chief Actuary/Executive Roles

Salary: ₹80 LPA–₹2 Cr
Position: **Chief Actuary / CRO / CEO**
Papers Cleared: **Fellowship completed**

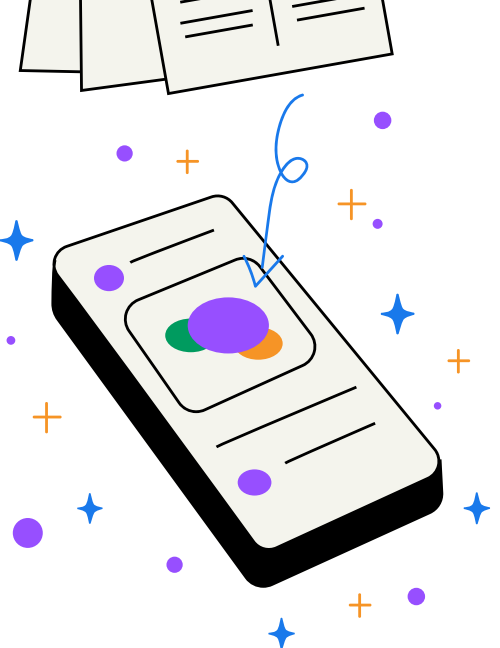
Senior Actuary/Team Leader

Salary: ₹30–50 LPA
Position: **Senior Actuary / Team Lead**
Papers Cleared: **Fellowship completed**

Associate Actuary

Salary: ₹8–15 LPA
Position: **Associate Actuary**
Papers Cleared: **6–9 (Associate credential achieved)**





HOW TO PURSUE ACTUARIAL SCIENCE?

TRADITIONAL WAY

Pursue Graduation
along with giving
IAI or IFoA Papers

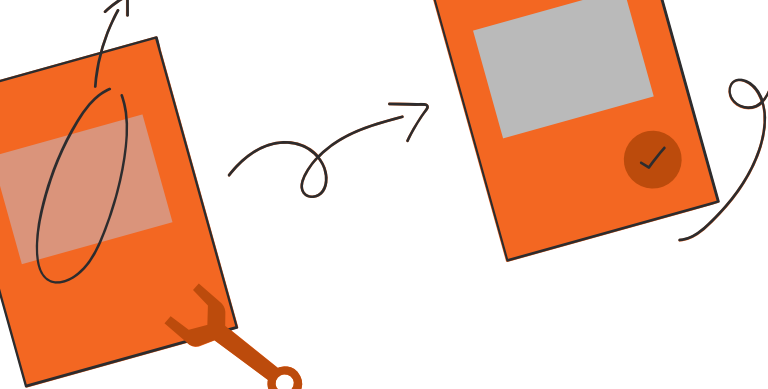


IAQS | INSTITUTE OF ACTUARIAL & QUANTITATIVE STUDIES **WAY**

Pursue an
Accredited
Program

DIRECT QUALIFICATION

Pursue a
Professional
Qualification



ISSUES IN THE TRADITIONAL WAY



No organised
route, lack of
studies
through
formal
education

Unrecognize
d Degree

Intense
studies
without
continuous
study
support

Lack of
Practical
learning and
Exposure to
Industry
Experts

Employability

IAQS

INSTITUTE OF ACTUARIAL
& QUANTITATIVE STUDIES

WAY

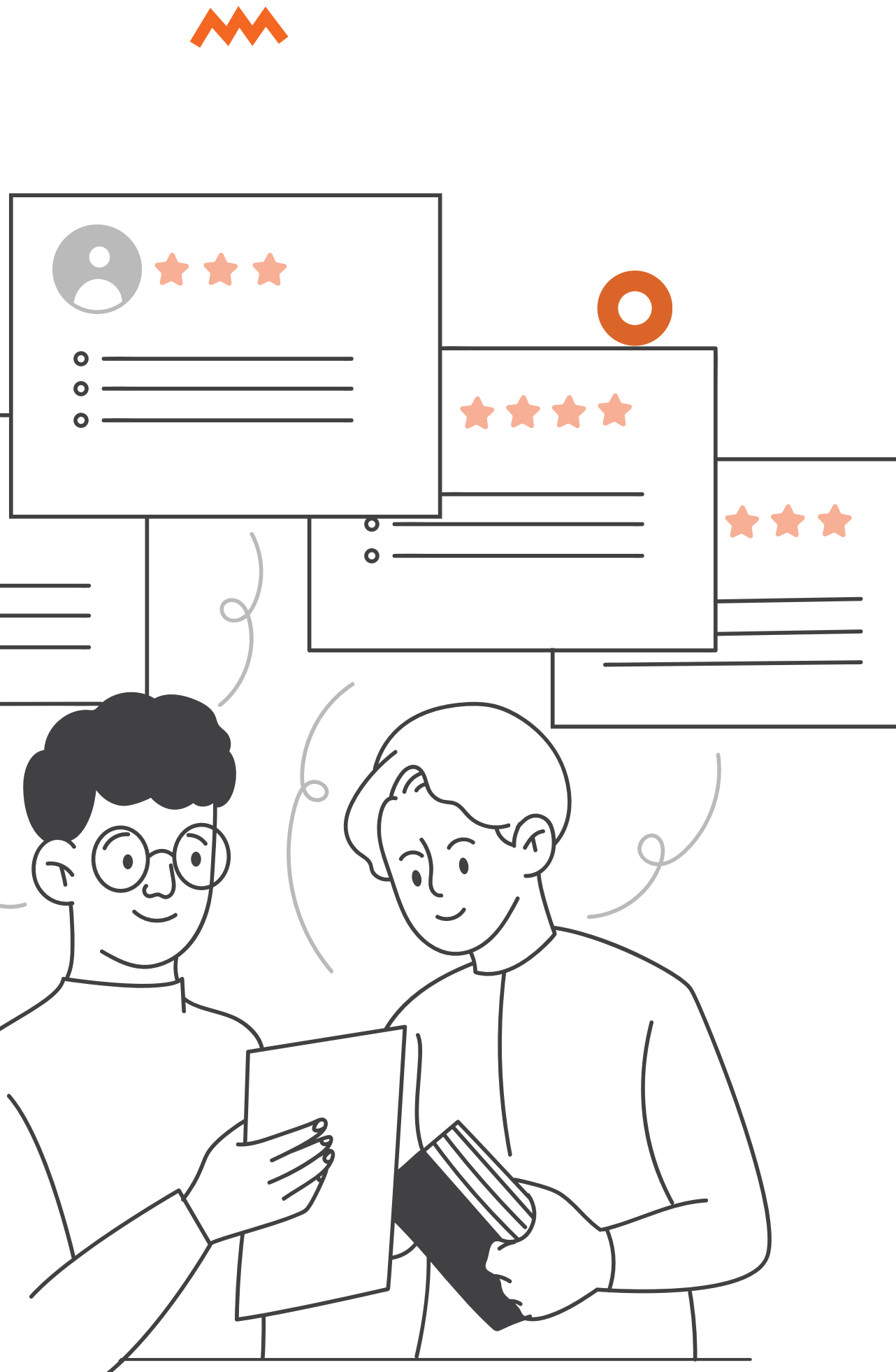
University of
Mumbai

Degree
Supporting
professional
courses

Learning
Management
System

Capstone
projects, Job
oriented
training,
Industry
Connect

Internship
opportunities
and
comprehensi
ve program



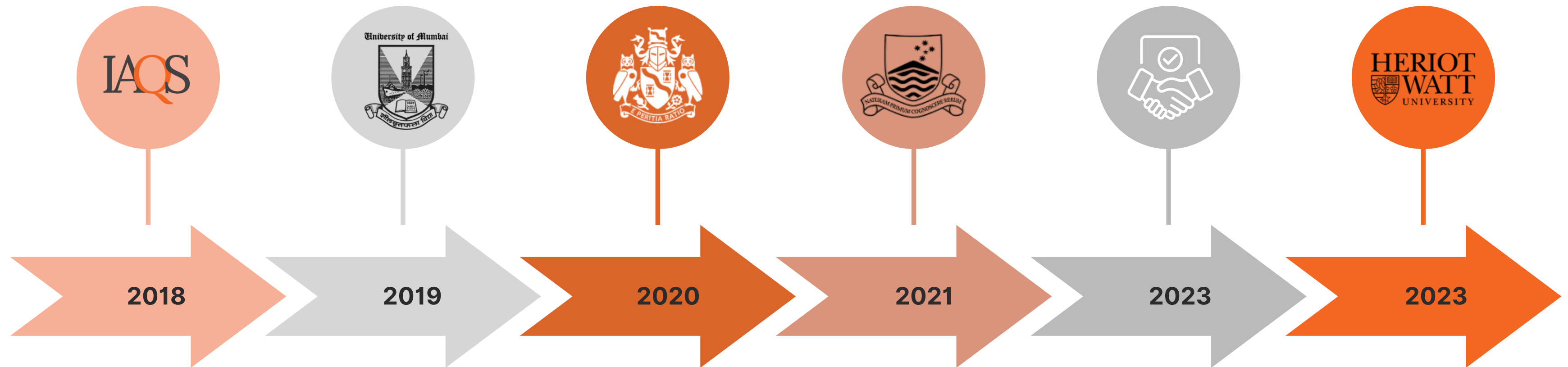
INSTITUTE OF ACTUARIAL
& QUANTITATIVE STUDIES

Founded in **2018**, IAQS is a *premier education* institute helping students to pursue **Actuarial Science & Quantitative Finance** studies. It helps gain apt skills to enter in to the **BFSI domain**.

Institute of Actuarial and Quantitative Studies-IAQS is a department of *S.S.&L.S. Patkar College of Arts & Science, & V.P. Varde College of Commerce & Economics*, an affiliated college of the **University of Mumbai**.

JOURNEY OF IAQS

INSTITUTE OF ACTUARIAL & QUANTITATIVE STUDIES



Formation of IAQS with a holistic Industry Advisory Board

1st Batch started with 20 students

Only Course in India to get accreditation from IFoA offering up to 6 exemptions

International Accreditation with a direct pathway to Australian National University

MSc Program Accredited by the IFoA offering 7 exemptions

Partnered with Heriot Watt University and Bayes Business School in the UK

2024 350+ Students, 20+ Corporate Partners, 30+ Trainers and Faculties

B.Sc. IN ACTUARIAL SCIENCE & QUANTATITIVE FINANCE

India's first and only IFoA accredited degree offering exemption up to 6 IFoA Core Principle subjects namely CM1, CM2, CS1, CS2, CB1, and CB2.



Comprehensive Foundation and depth in the field of Banking, Financial Services, and Insurance.



3-Year, Full Time, B.Sc. (Actuarial Science & Quantitative Finance) degree program.



Supporting applicants for professional career pursuits and equipping them with relevant technical skills and focusing on their holistic development.



Unique blend of Actuarial and Quantitative Finance keeping in mind their growing interdependencies.



University of Mumbai



Institute
and Faculty
of Actuaries

ONLY COURSE IN INDIA TO BE ACCREDITED BY IFOA AND PROVIDING EXEMPTIONS



UNITED KINGDOM



Master of Actuarial Management
Master of Actuarial Management
and Data Analytics
Master of Actuarial Studies

PATHWAY

BAYES BUSINESS SCHOOL

CITY, UNIVERSITY OF LONDON

Master of Actuarial Studies
Master of Actuarial
Management



AUSTRALIA

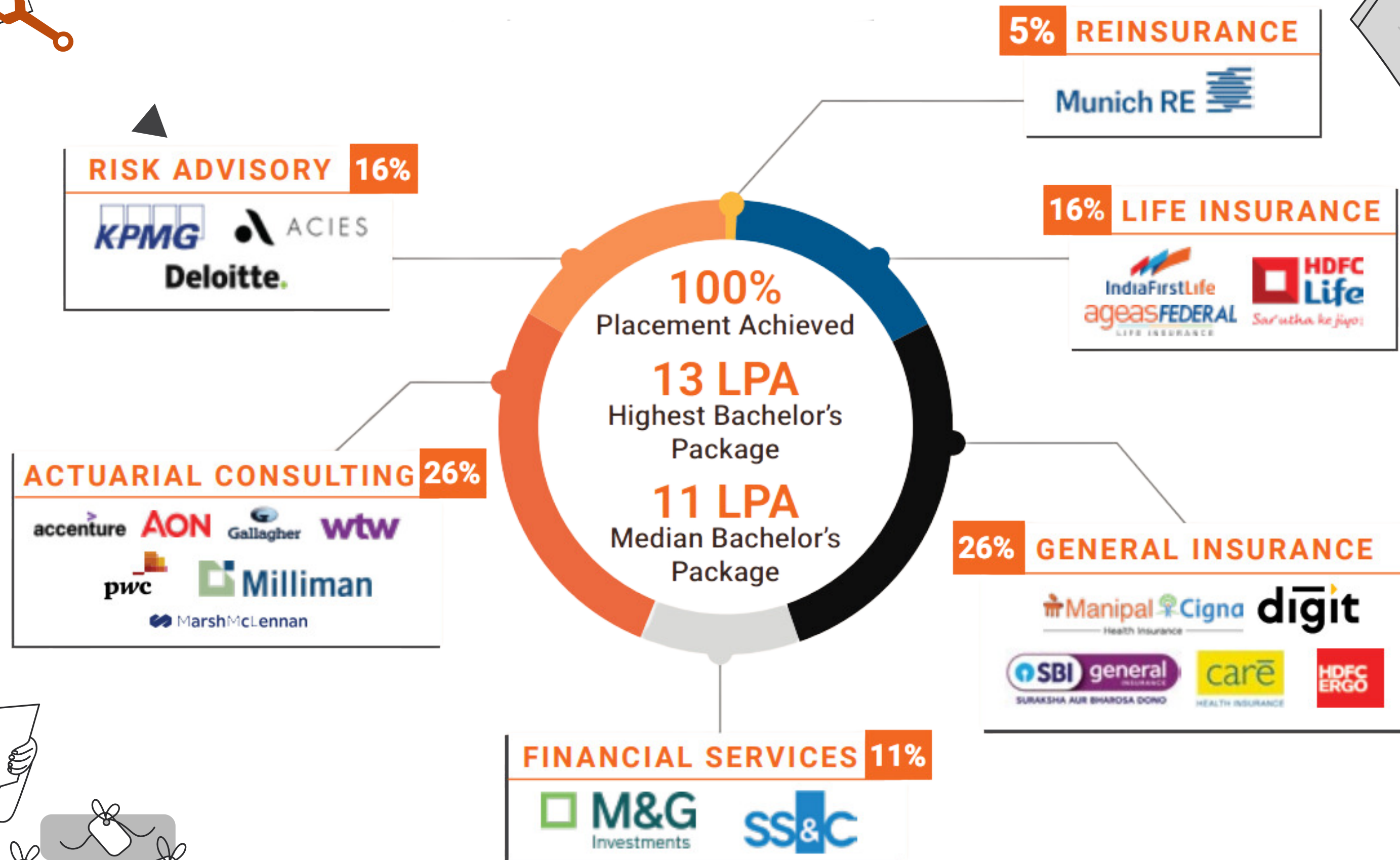


Australian
National
University

Master of Actuarial Practice
Master of Actuarial Studies
Master of Applied Finance

Scholarships provided*

PLACEMENTS



CAREER PROGRESSION



EXEMPTIONS

Get 6 exemptions through the course of IAQS and get an Internship



CONTINUE WITH PAPERS

Continue giving the remaining 7 papers while at the job



GET PLACED

Get placed with one of our top recruiters and learn at the job



PURSUE MASTERS

Get into ANU, Bayes or Heriot Watt



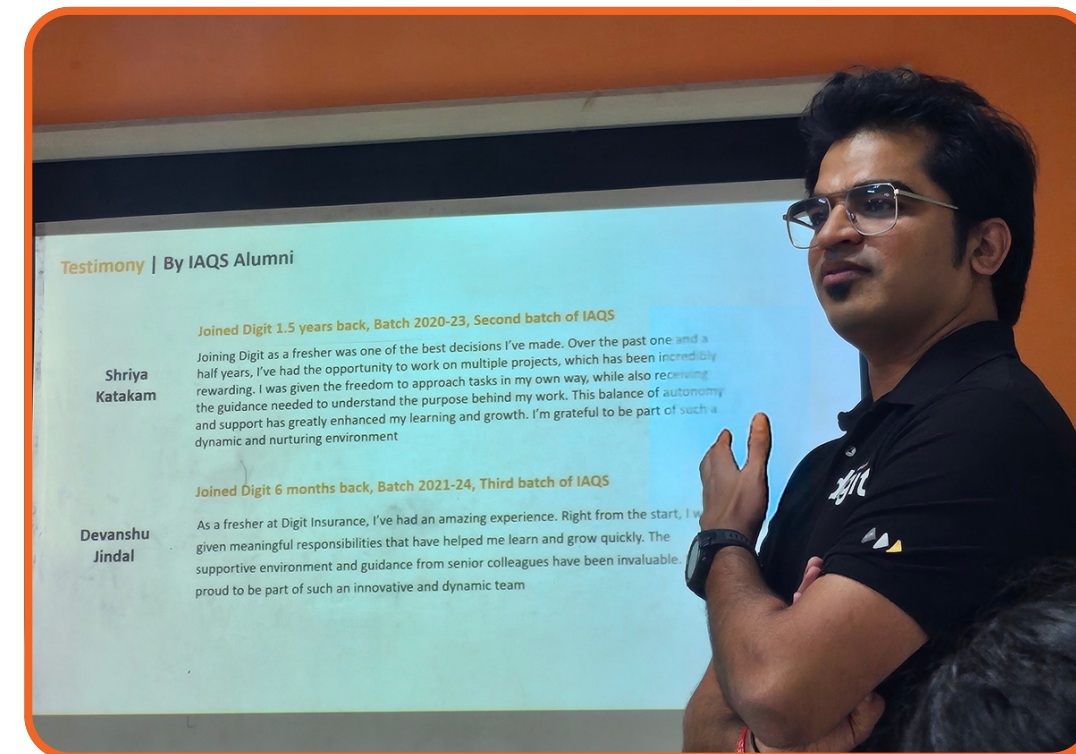


Focus on Employability & Professional Readiness

WHY

IAQS

INSTITUTE OF ACTUARIAL
& QUANTITATIVE STUDIES



Partnership with Industry Leaders



Supportive Alumni Network Location, Facilities, & Resources

ELIGIBILITY CRITERIA



10 + 2 years of education

From any stream of Science, Commerce or Arts

Quantitative Aptitude Test (QAT) – Technical*

- MCQs based Online test
- 100 Marks paper
- 2 hours for the exam
- 11th and 12th Grade level of Math, Stats and English

Personal Interview – Non Technical

- Communication skills
- Inter-personal skills
- Answering skillsetc

***QAT gets exempted in case the candidate has cleared the ACET Exam or any Actuarial Papers**



THANK YOU



Contat Us :



info@iaqs.in



+91 9372777615



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Yadav Nagar, Andheri West,
Mumbai, Maharashtra 400058.

