

DUMMY EDITION



PU COLLEGE & UNIVERSITY REVIEW COPY

BENGALURU HIGHER EDUCATION GUIDE 2027

Career pathways, courses, entrance planning and
scholarships - in one student - friendly guide

FOR 1ST & 2ND PUC STUDENTS

Science | Commerce | Arts

FREE STUDENT EDITION

FAMILY GUIDANCE

MESSAGE TO PARENTS

Helping your child choose with clarity, confidence and care

LISTEN

EXPLORE

SUPPORT



Dear Parents,

The transition from PUC to higher education is an important turning point. Students may feel excited, uncertain or overwhelmed by the range of courses, entrance exams and institutions before them.

Your support can make this journey calmer and more meaningful. Begin by listening to your child's interests, strengths and aspirations. Encourage questions, honest discussion and practical research. Avoid comparisons or choosing a course only because it is popular.

Use this guide together to explore pathways, understand eligibility and plan the next steps. Before confirming admission, verify current course details, recognition, fees, scholarships, facilities and placement information directly with the institution and the relevant official authorities.

A thoughtful choice should balance the student's aptitude and interests with future opportunities and the family's practical considerations.

HOW PARENTS CAN HELP



LISTEN

Ask about interests, doubts and preferred ways of learning.



EXPLORE

Compare courses, careers and entrance pathways together.



EVALUATE

Check recognition, costs, scholarships, location and support.



PLAN

Track deadlines, documents, applications and backup options.

“

Your role is not to decide every step. It is to help your child make a thoughtful decision - and stand beside them as they grow.

READ
DISCUSS
DECIDE
TOGETHER

START WITH YOUR STAGE

HOW TO USE THIS GUIDE

One guide. Two student journeys.
Use the pathway that matches where you are now.



1st PUC PATH

Explore broadly and build your foundation

-  **Discover**
Notice your interests, strengths and favourite subjects.
-  **Explore**
Read course families, careers and emerging opportunities.
-  **Build**
Strengthen concepts, communication and practical skills.
-  **Shortlist**
Keep 3-5 possible pathways and note their eligibility.
-  **Prepare**
Learn entrance routes early; do not rush your decision.

2nd PUC PATH

Plan carefully and move toward admission

-  **Match**
Check stream, subjects, eligibility and entrance exams.
-  **Plan**
Track applications, tests, results and counselling dates.
-  **Verify**
Confirm recognition, fees, scholarships and claims.
-  **Compare**
Judge options on facts - not popularity or advertising.
-  **Act**
Apply on time; keep documents and backup choices ready.

USE THIS ROUTINE EVERY TIME


IMPORTANT

Use this guide for planning. Entrance dates, eligibility, fees and admission rules may change - always verify current details with official authorities and institutions.

CAREER PLANNING ROADMAP

PLAN TODAY. BUILD TOMORROW.

Choosing the right career is one of the most important decisions in a student's life. Start exploring your interests early, understand different career opportunities, and prepare step by step for your future.

Step 1 - Know Yourself

- | | |
|--|--|
| 1 Identify your interests and strengths. | 2 Understand your favourite subjects. |
| 3 Think about your long-term career goals. | 4 Discuss your ideas with parents, teachers and mentors. |

Step 2 - Explore Career Options

- Discover opportunities in various fields such as:
- Engineering & Technology
- Medical & Allied Health Sciences
- Commerce & Management
- Pure Sciences

- Arts, Humanities & Social Sciences
- Law
- Design & Architecture
- Agriculture & Environmental Sciences
- Media & Communication
- Hospitality & Tourism
- Aviation
- Emerging Technologies

Step 3 - Select the Right Course

- Compare different courses based on:
- Eligibility
- Duration
- Skills Required
- Higher Education Opportunities
- Career Scope
- Employment Prospects

CAREER PLANNING ROADMAP

Step 4 - Understand Entrance Exams

- Prepare for entrance examinations relevant to your chosen career, such as:
- KCET
- JEE
- NEET
- CUET
- CLAT
- NATA
- NIFT
- Other university-specific entrance tests

Step 5 - Develop Future Skills

- Along with academic learning, focus on:
- Communication Skills
- Computer Skills
- English Proficiency
- Problem Solving
- Critical Thinking
- Leadership
- Teamwork
- Digital Literacy
- Artificial Intelligence (AI) Awareness

Step 6 - Choose the Right Institution

- Before taking admission, evaluate:
- Recognition & Approvals
- Faculty
- Campus Infrastructure
- Laboratories
- Placement Support
- Internship Opportunities
- Scholarships
- Industry Collaborations

Roadmap for 1st PUC Students

- | | |
|---|--|
| 1 Build strong academic fundamentals. | 2 Explore different career pathways. |
| 3 Improve communication and digital skills. | 4 Begin preparation for entrance examinations. |
| 5 Participate in extracurricular and skill-building activities. | |

Roadmap for 2nd PUC Students

- Finalise your preferred career and course.
- Apply for entrance examinations.
- Compare colleges and universities.
- Check scholarships and financial assistance.
- Complete admission procedures before deadlines.

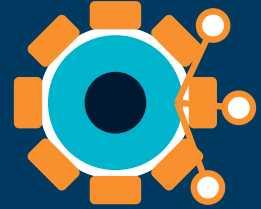
Success Formula

Know Yourself > Explore Careers > Choose the Right Course > Prepare for Entrance Exams > Build Skills > Select the Right Institution > Achieve Your Career Goal

Remember: Your career is a journey, not a single decision. Start early, stay informed, and make choices based on your interests, abilities, and future aspirations.

Engineering & Technology Courses

INNOVATE / DESIGN / BUILD / TRANSFORM THE FUTURE



Engineering and Technology offer exciting career opportunities in innovation, research, manufacturing, software, infrastructure, healthcare, aerospace, and emerging technologies. Students can choose from a wide range of undergraduate programmes based on their interests and career goals.

Undergraduate Degree Programmes

Computer Science & Information Technology

- B.E./B.Tech. Computer Science & Engineering (CSE)
- Artificial Intelligence & Machine Learning (AI & ML)
- Artificial Intelligence & Data Science
- Data Science
- Information Science & Engineering (ISE)
- Information Technology (IT)
- Cyber Security
- Cloud Computing
- Internet of Things (IoT)
- Full Stack Development (Specialization)

Electronics & Communication

- Electronics & Communication Engineering (ECE)
- Electronics Engineering
- VLSI Design & Technology
- Embedded Systems
- Communication Engineering
- Robotics & Automation
- Electronic Instrumentation Engineering

Electrical Engineering

- Electrical & Electronics Engineering (EEE)
- Electrical Engineering
- Power Systems Engineering
- Renewable Energy Engineering

Mechanical & Manufacturing

- Mechanical Engineering
- Mechatronics Engineering
- Automobile Engineering
- Manufacturing Engineering
- Industrial Engineering
- Production Engineering
- Tool Engineering

Civil & Infrastructure

- Civil Engineering
- Construction Technology & Management
- Structural Engineering
- Transportation Engineering
- Environmental Engineering
- Water Resources Engineering

Chemical & Process Engineering

- Chemical Engineering
- Petrochemical Engineering
- Polymer Engineering
- Food Technology
- Biotechnology Engineering

Aerospace & Advanced Technologies

- Aerospace Engineering
- Aeronautical Engineering
- Space Technology
- Avionics Engineering
- Robotics Engineering
- Drone Technology

Emerging Engineering Programmes

- | | |
|--------------------------|-----------------------|
| Artificial Intelligence | Machine Learning |
| Data Engineering | Quantum Computing |
| Semiconductor Technology | Blockchain Technology |
| AR/VR Technology | Smart Manufacturing |
| Sustainable Engineering | |

Engineering & Technology Courses



Career Opportunities

- Software Engineer
- AI Engineer
- Data Scientist
- Cyber Security Analyst
- Cloud Engineer
- Full Stack Developer
- Electronics Engineer
- Electrical Engineer
- Mechanical Engineer
- Civil Engineer
- Automobile Engineer
- Aerospace Engineer
- Robotics Engineer
- Embedded Systems Engineer
- Network Engineer
- Design Engineer
- Project Engineer
- Quality Engineer
- Research Engineer
- Entrepreneur

Higher Education Options

- M.E.
- M.Tech.
- MBA
- MS (India/Abroad)
- M.Sc. (Technology)
- Ph.D.
- Research Programmes
- International Certifications

Essential Skills

- Mathematics & Logical Thinking
- Problem Solving
- Programming Skills
- Creativity & Innovation
- Communication Skills
- Teamwork
- Analytical Thinking
- CAD/CAM Software
- Artificial Intelligence Tools
- Project Management
- Technical Writing

Popular Employment Sectors

- Information Technology (IT)
- Software Development
- Artificial Intelligence
- Manufacturing Industries
- Construction & Infrastructure
- Electronics & Semiconductor
- Aerospace & Defence
- Automotive Industry
- Energy & Power
- Telecommunications
- Healthcare Technology
- Government Organizations
- Research & Development
- Start-ups
- Multinational Companies (MNCs)

Future Technologies to Watch

- | | |
|--------------------------------|----------------------------|
| 1 Artificial Intelligence (AI) | 2 Machine Learning (ML) |
| 3 Data Science | 4 Cyber Security |
| 5 Cloud Computing | 6 Internet of Things (IoT) |
| 7 Robotics | 8 Blockchain |
| 9 Quantum Computing | 10 Electric Vehicles (EV) |
| 11 Renewable Energy | 12 Smart Cities |

Career Tip

Engineering is about solving real-world problems through innovation and technology. Choose a branch based on your interests, aptitude, and future career opportunities rather than current trends alone. Continuously build practical skills through projects, internships, certifications, and industry exposure to stay competitive.

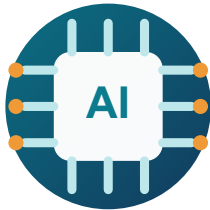
AI, DATA SCIENCE & MACHINE LEARNING CAREERS

Turn curiosity, mathematics and coding into intelligent solutions.



A MULTIDISCIPLINARY CAREER PATH

Artificial Intelligence (AI), Data Science and Machine Learning (ML) combine computing, mathematics, statistics and domain knowledge to solve real-world problems. These fields power recommendations, fraud detection, medical insights, smart manufacturing, language tools and automation. The best starting point is strong fundamentals - not just learning tools.



UNDERSTAND THE THREE FIELDS

AI

ARTIFICIAL INTELLIGENCE

Builds systems that perform tasks involving reasoning, language, vision, decision-making and automation.

Examples: chatbots, vision, robotics

DATA SCIENCE

Collects, cleans and explains data to discover patterns, answer questions and support better decisions.

Examples: dashboards, forecasts, analytics

MACHINE LEARNING

Creates models that learn from examples to predict, classify, recommend or detect unusual patterns.

Examples: recommendations, risk scoring, NLP

STUDY PATHWAYS AFTER PUC

- B.E./B.Tech. CSE with AI & ML / AI & Data Science
- B.Sc. Data Science / Computer Science / Statistics
- BCA with AI, Analytics or Data Science specialisation
- Mathematics, Statistics, Electronics or Economics routes
- Degree + certifications + projects + internships

Check eligibility, curriculum and institution approvals before applying.

CAREER ROLES TO EXPLORE

Data Analyst

Data Scientist

AI Engineer

ML Engineer

Business Intelligence

NLP

Data Engineer

Computer Vision

MLOps

Opportunities exist across healthcare, finance, education, agriculture, manufacturing, retail, media and public services.
Job titles and eligibility vary by employer and level of study.

BUILD THE RIGHT FOUNDATION

01

MATH & STATISTICS

Algebra, probability, statistics and logical reasoning.

02

PROGRAMMING & DATA

Python, SQL, spreadsheets, visualisation and algorithms.

03

PROJECTS & ETHICS

Build portfolios; understand privacy, bias and responsible AI.

04

INTERNSHIP & SPECIALISE

STUDENT ROADMAP

1

→

2

→

3

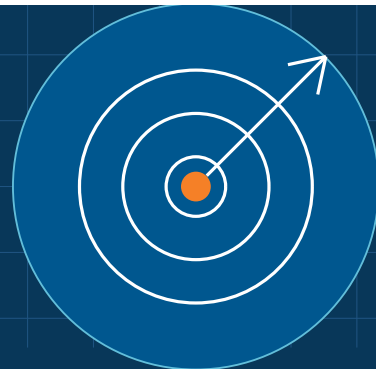
→

4

LEARN BASICS PRACTISE WITH DATA BUILD PROJECTS INTERN & SPECIALISE

01 KCET STUDENT PLANNER

KCET PREPARATION ROADMAP



A PRACTICAL PLAN FOR 2ND PUC STUDENTS 90 / 60 / 30 / 7-DAY PLAN

90

BUILD THE BASE

Map chapters, take a baseline test and create formula and concept notes.

60

PRACTISE DAILY

Solve topic-wise MCQs, use timed sets and maintain an error notebook.

30

TEST + REVISE

Attempt mixed mock tests, analyse mistakes and strengthen weak chapters.

07

STAY EXAM-READY

Revise short notes, protect sleep and confirm the official exam checklist.

SUBJECT-WISE STRATEGY



PHYSICS

CONCEPT + APPLICATION

Review concepts and formulas, then practise timed numerical and application questions.



CHEMISTRY

TEXTBOOK + RECALL

Use the core textbook, reaction maps and daily recall to improve speed and accuracy.



MATHS / BIOLOGY

DAILY ACCURACY

Practise every day. Review errors, repeated concepts and frequently missed steps.

WEEKLY RHYTHM

1

5 DAYS
LEARN + PRACTISE

2

1 DAY
MIXED TEST

3

1 DAY
REVISE + RESET

SAMPLE EDUCATIONAL CONTENT / VERIFY THE LATEST KEA NOTIFICATION BEFORE USE

02

KCET ADMISSION JOURNEY

FROM KCET EXAM TO ADMISSION



PLAN EVERY STEP / VERIFY EVERY DETAIL

THE PROCESS AT A GLANCE



01 EXAM + RESPONSE

Follow official instructions and retain required records.



02 RESULT + RANK

Check official result and understand your rank position.



03 REGISTRATION

Complete counselling steps and verification as notified.



04 OPTION ENTRY

Arrange course-college choices in true preference order.



05 ALLOTMENT

Review the notified allotment and available choices carefully.



06 REPORT + ADMIT

Pay required fees and report within the official timeline.



SMART OPTION ENTRY

- Prepare dream, best-fit and safer preference groups.
- Order every choice by genuine preference - not
- Recheck college, course and branch codes before saving.



COLLEGE CHECKLIST

- Course fit, approvals, curriculum and learning support.
- Fees, scholarships, location, hostel and travel needs.
- Labs, faculty, internships and verified placement data.



DOCUMENT READINESS

Keep originals and copies of application records, marks cards and eligibility certificates required by KEA. Requirements vary by candidate category.

SAMPLE EDUCATIONAL CONTENT / VERIFY THE LATEST KEA NOTIFICATION BEFORE USE

Commerce & Management Courses

BUILD A CAREER IN BUSINESS, FINANCE, ENTREPRENEURSHIP & LEADERSHIP



Commerce and Management offer diverse career opportunities in finance, banking, accounting, marketing, entrepreneurship, analytics, and corporate leadership. Students can choose professional, technical, and industry-oriented programmes based on their interests.

Undergraduate Degree Programmes

Commerce

- Bachelor of Commerce (B.Com.)
- B.Com. (General)
- B.Com. (Honours)
- B.Com. in Accounting & Finance
- B.Com. in Banking & Insurance
- B.Com. in Taxation
- B.Com. in Corporate Accounting
- B.Com. in Financial Markets

Business & Management

- Bachelor of Business Administration (BBA)
- BBA (General)
- BBA in Finance
- BBA in Marketing
- BBA in Human Resource Management
- BBA in Business Analytics
- BBA in International Business
- BBA in Digital Marketing
- BBA in Entrepreneurship
- BBA in Logistics & Supply Chain Management
- BBA in Retail Management
- BBA in Aviation Management

- BBA in Hospital Management
- BBA in Event Management
- BBA in Sports Management

Economics & Finance

- Bachelor of Economics (B.A./B.Sc. Economics)
- Bachelor of Financial Markets
- Bachelor of Financial Services
- Bachelor of Banking & Finance
- Bachelor of Investment Management

Professional Courses



Chartered Accountant (CA)



Company Secretary (CS)



Cost & Management Accountant (CMA)



Certified Financial Planner (CFP)



Association of Chartered Certified Accountants (ACCA)



Certified Management Accountant (US CMA)



Chartered Financial Analyst (CFA)



NISM Certifications



NCFM Certifications

CAREERS IN FINANCE, BANKING & FINTECH

Explore careers in financial analysis, banking, digital payments and fintech services.

Why students choose this field

Strong career scope • practical relevance • opportunities in both traditional and digital finance.



UNDERSTAND THE THREE PATHS

F FINANCE

Focuses on money management, accounting, financial planning, investment analysis and business decision-making.

Examples: analyst, accounting support, corporate finance

B BANKING

Covers customer service, loans, operations, branch management, risk processes and financial products.

Examples: banking associate, operations, relationship roles

FT FINTECH

Blends finance with technology through digital payments, apps, analytics, automation and new financial platforms.

Examples: payments, product support, digital operations

STUDY PATHWAYS AFTER PUC

- B.Com. / BBA / BMS / finance-oriented programmes
- B.Com. with banking, finance, accounting or analytics focus
- BA / B.Sc. Economics, Statistics or Mathematics pathways
- Build skills in Excel, accounting tools and digital platforms
- Projects, internships, certifications and communication skills

Choose programmes based on approvals, faculty, outcomes and practical exposure.

CAREER ROLES TO EXPLORE

Financial Analyst

Banking Associate

FinTech Executive

Relationship Officer

Credit Processing

Payments Operations

Investment Support

Risk & Compliance

Digital Product Ops

Opportunities are available in banks, NBFCs, insurance, investment firms, payment companies, FinTech start-ups, business services and corporate finance

SKILLS THAT MATTER

01 NUMBERS & ANALYSIS

Numbers, data reading and logic.

02 COMMUNICATION

Interaction, presentation and clarity.

03 DIGITAL TOOLS

Excel, finance tools and platforms.

04 ETHICS & ACCURACY

Trust, accuracy and responsibility.

STUDENT ROADMAP

A simple journey to build readiness for Finance, Banking and FinTech careers.

1

LEARN BASICS

Commerce concepts and awareness

2

BUILD SKILLS

Numeracy, Excel, communication

3

GAIN EXPOSURE

Projects, internships, certifications

4

SPECIALISE

Banking, finance or digital pathways

POPULAR EMPLOYMENT SECTORS

Banks

NBFCs

Insurance

Payments

FinTech Firms

Investment Firms

Corporate Finance

Business Services

Wealth Support

Finance and banking careers span customer-facing, analytical and technology-enabled roles.

SAMPLE AUTHOR

AUTHOR NAME

University Name

Sample expert article / byline section

CAREER TIP

Choose this field if you enjoy numbers, business, decision-making and continuous learning.

Commerce & Management Courses



Emerging Career Specializations

- Business Analytics
- Data Analytics
- Financial Analytics
- FinTech
- Digital Marketing
- E-Commerce
- Investment Banking
- Wealth Management
- Stock Market & Capital Markets
- Supply Chain Management
- Logistics Management
- International Business
- Risk Management
- Insurance Management
- Sustainability Management

Career Opportunities

- Chartered Accountant
- Company Secretary
- Cost Accountant
- Financial Analyst
- Investment Banker
- Banking Officer
- Tax Consultant
- Auditor
- Business Analyst
- Marketing Manager
- Human Resource Manager
- Entrepreneur
- Financial Planner
- Stock Market Analyst
- Operations Manager
- Supply Chain Manager
- Digital Marketing Executive
- Retail Manager
- Insurance Advisor
- Corporate Executive

Higher Education Options

- M.Com.
- MBA
- PGDM
- MFM (Master of Financial Management)
- MSc Finance
- MA Economics

- LLB
- Ph.D.
- International Professional Certifications

Essential Skills

- | | |
|----------------------------------|-------------------------------|
| 1 Communication Skills | 2 Analytical Thinking |
| 3 Numerical Ability | 4 Leadership |
| 5 Teamwork | 6 Problem Solving |
| 7 Financial Literacy | 8 Computer Skills |
| 9 MS Excel | 10 Presentation Skills |
| 11 Business Communication | 12 Time Management |

Popular Employment Sectors

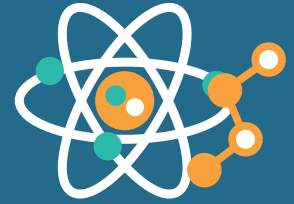
- Banking
- Financial Services
- Insurance
- Corporate Companies
- Accounting Firms
- Consulting
- Investment Firms
- Retail & E-Commerce
- Logistics
- Manufacturing
- Hospitality
- Healthcare Management
- Government Organizations
- Start-ups
- Multinational Companies (MNCs)

Career Tip

Commerce is no longer limited to accounting. Today's commerce graduates can build careers in finance, analytics, marketing, entrepreneurship, consulting, technology-driven business, and global management. Choose a specialization based on your interests, skills, and future career goals.

Science Courses

EXPLORE / EXPERIMENT / DISCOVER / BUILD KNOWLEDGE



Science courses develop observation, analytical thinking, laboratory skills and evidence-based problem solving. Choose a pathway that fits the subjects you enjoy, the way you like to learn, and the careers or higher studies you want to explore.

Core Science Degree Pathways

Physical & Mathematical Sciences

- B.Sc. Physics
- B.Sc. Chemistry
- B.Sc. Mathematics
- B.Sc. Statistics
- B.Sc. Geology / Earth Science

Life & Biological Sciences

- B.Sc. Botany
- B.Sc. Zoology
- B.Sc. Biotechnology
- B.Sc. Microbiology
- B.Sc. Biochemistry
- B.Sc. Genetics

Applied & Interdisciplinary Sciences

- B.Sc. Computer Science
- B.Sc. Data Science
- B.Sc. Electronics
- B.Sc. Environmental Science
- B.Sc. Forensic Science
- B.Sc. Food Science

Emerging Science Programmes

- | | |
|---------------------------|--------------------------------|
| • Bioinformatics | • Computational Biology |
| • Neuroscience | • Nanoscience & Nanotechnology |
| • Climate & Earth Systems | • Astrophysics & Space Science |
| • Materials Science | • AI & Data Science |

Common Degree Formats

- B.Sc. single-major or Honours programmes
- Multidisciplinary B.Sc. combinations
- Integrated B.Sc.-M.Sc. programmes
- Research-oriented undergraduate programmes

Eligibility Snapshot

PCM commonly supports physical, mathematical, computer and data-oriented science pathways.

PCB commonly supports life science, biotechnology and selected health-related science pathways.

- PCMB can keep a wider mix of physical and life science options open.

Exact subject and percentage requirements vary - verify the programme rules before applying.

BIOTECHNOLOGY & LIFE SCIENCES CAREERS

Discover how biology, research and technology create careers in health, agriculture, food, sustainability and innovation.

For students who enjoy science, curiosity, laboratory work and solving real-world problems.



SCIENCE • DISCOVERY • IMPACT

WHY BIOTECHNOLOGY & LIFE SCIENCES MATTER

Biotechnology uses living systems, cells and biological processes to develop products, services and solutions. Life Sciences provide the scientific foundation for understanding health, disease, plants, microorganisms and ecosystems. Together, these fields support medicines, diagnostics, food science, agriculture, laboratory services, environmental work and bio-based industries.

The field is ideal for students who want science-based careers with practical and social impact.

BIOTECH AT A GLANCE

Health & Diagnostics

Agriculture & Food

Research & Labs

Bioinformatics & Data

Research, industry applications and quality systems

FIVE CAREER DIRECTIONS TO EXPLORE

01

MEDICAL & HEALTH BIOTECHNOLOGY

Diagnostics, therapeutics, clinical testing and biomedical research.
Good for students interested in biology, health and laboratory science.

02

AGRICULTURAL & FOOD BIOTECHNOLOGY

Crop improvement, plant science, food safety and fermentation.
Useful for agriculture, nutrition and sustainable food solutions.

03

INDUSTRIAL & ENVIRONMENTAL BIOTECH

Bio-processes, waste treatment, enzymes and sustainable production.
Connects biology with manufacturing and environmental solutions.

04

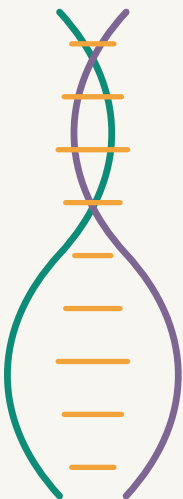
BIOINFORMATICS & COMPUTATIONAL BIOLOGY

Biological data, databases, sequence analysis and technology-enabled research.
Ideal for biology plus computers and analytics.

05

QUALITY, REGULATORY & RESEARCH SUPPORT

Documentation, compliance, testing standards, quality control and research coordination.
A strong route for accurate, organised students.



STUDY PATHWAYS AFTER PUC

- B.Sc. Biotechnology, Microbiology, Biochemistry and related Life Sciences
- B.Tech./B.E. Biotechnology or bioengineering oriented programmes
- Integrated or interdisciplinary science pathways with laboratory exposure
- Professional certificates in lab skills, data, quality or specialised tools

Compare curriculum, labs, internships, faculty and research culture.

SKILLS THAT MAKE A DIFFERENCE

Scientific Curiosity

Lab Discipline

Observation & Accuracy

Data Awareness

Documentation

Communication & Teamwork

Biotechnology careers reward patience, precision, practical learning and the ability to keep updating skills.

STUDENT ROADMAP

1. BUILD BASICS

Biology, chemistry, science

2. CHOOSE PATH

Select course & specialisation

3. PRACTISE

Labs, projects, data skills

4. INTERN & SPECIALISE

Gain exposure & expertise

SAMPLE AUTHOR



AUTHOR NAME

University Name

Sample expert article / byline

CAREER TIP

Enjoy science, practical learning and discovery.

Science Courses



From Science Degree to Career

- | | |
|---|---|
| 1 Build strong foundations in B.Sc. | 2 Add laboratory and field projects |
| 3 Complete internships or research exposure | 4 Specialise through M.Sc. / PG study |
| 5 Enter industry, education or research | 6 Progress to advanced research or leadership |

Career Clusters

Research & Academia

Research assistant, project associate, scientist or lecturer; advanced qualifications may be required.

Data & Quantitative Careers

- Data analyst, statistician, scientific programmer or quantitative researcher.

Life Sciences & Biotechnology

Biotech associate, laboratory analyst, quality control, clinical research or product development.

Environment & Earth Sciences

- Environmental analyst, geoscience roles, conservation, climate or sustainability work.

Forensic & Public Laboratories

Forensic testing, food and water analysis, quality laboratories or public-sector research.

Education & Science Communication

Teacher with required qualifications, science writer, educator, museum or outreach professional.

Essential Skills

- Laboratory accuracy & safety
- Analytical and quantitative reasoning
- Data handling and basic coding

- Scientific writing & communication
- Curiosity, ethics and teamwork

Higher Study Options

- M.Sc. or integrated master's programmes
- Specialised postgraduate diplomas
- Research fellowships and project roles
- Ph.D. and advanced research pathways
- Professional teaching or industry credentials

Where Science Graduates Work

- Universities and research laboratories
- Biotechnology and pharmaceutical organisations
- Technology, analytics and product teams
- Environmental and geoscience organisations
- Testing, quality and forensic laboratories
- Education, public sector, policy and outreach

Before You Choose

- Confirm PUC subject eligibility
- Compare curriculum and specialisations
- Inspect laboratories, faculty and project exposure
- Check internships and research partnerships
- Review higher-study and career pathways
- Verify recognition, fees and admission rules

Career Tip

Choose a science course for the questions you enjoy exploring - not only for a job title. Strong careers grow from subject depth, practical work, data skills and continuous learning.

Important Note

Eligibility, admissions and career requirements vary by institution and programme. Always verify details through official college or university sources before applying.



EARTH • ECOLOGY • FUTURE

ENVIRONMENTAL SCIENCE & SUSTAINABILITY CAREERS

Explore career pathways in environmental protection, climate solutions, conservation, clean tech
Ideal for students who care about science, society and creating a better future

WHY THIS FIELD MATTERS

Environmental Science and Sustainability focus on understanding natural systems and solving problems related to climate change, pollution, biodiversity, waste, water, energy and responsible development. These careers help communities, industries and governments protect ecosystems while creating practical solutions for healthier environments and more sustainable living.

This is a growing domain for students who want science-driven careers with social impact.

EMERGING OPPORTUNITY AREAS

Climate Studies

Waste Management

Water Resources

Conservation

Renewable Energy

Sustainability Audit

ESG Support

Environmental Labs

Policy Research

CORE CAREER THEMES

ENVIRONMENTAL MONITORING

Field work, testing, sampling, analysis and reporting for air, water and soil.

Examples: lab support, field assistant, monitoring roles

SUSTAINABLE DEVELOPMENT

Resources, communities, policy, energy and responsible growth strategies.

Examples: sustainability support, project coordination

CLIMATE & CONSERVATION ACTION

Biodiversity protection, awareness, climate solutions and ecological planning.

Examples: conservation projects, eco initiatives

STUDY PATHWAYS AFTER PUC

- B.Sc. Environmental Science and related sustainability-focused courses
- Life science, geography, earth science or interdisciplinary green pathways
- Check curriculum, fieldwork, labs, faculty and project-based learning
- Build foundations in science, data awareness and environmental thinking
- Internships, surveys, community work and research exposure are helpful

Look for programmes with practical learning, field visits and sustainability projects.

CAREER ROLES TO EXPLORE

Environmental Analyst

Sustainability Exec

Field Officer

Lab Support

Climate Associate

Waste Coordinator

Water Support

Research Asst.

Helpful strengths include observation, analytical thinking, environmental awareness, teamwork, communication, documentation and interest in solving real-world problems.

SKILL 1

Scientific observation

SKILL 2

Data & reporting

SKILL 3

Social responsibility

STUDENT ROADMAP

A simple preparation path for students interested in Environmental Science and Sustainability careers.

1

LEARN THE BASICS

2

CHOOSE A PATH

3

BUILD PRACTICAL SKILLS

4

GAIN EXPOSURE

WHERE OPPORTUNITIES ARE GROWING

Environmental Labs

NGOs

Industries

Consulting Support

Govt Projects

Renewable Energy

Water Projects

Waste Management

CSR & ESG

Demand is rising as sustainability becomes important across education, industry and society.

SAMPLE AUTHOR



AUTHOR NAME

University Name

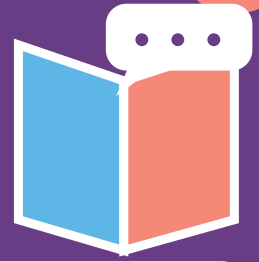
Sample expert article / byline section

CAREER TIP

Choose this field if you enjoy science, nature, problem-solving and social impact.

Arts, Humanities & Social Sciences

CREATE / COMMUNICATE / LEAD / INSPIRE SOCIETY



Arts, Humanities, and Social Sciences offer diverse career opportunities in education, psychology, media, law, public administration, social development, design, languages, research, and creative industries. These programmes help students develop critical thinking, communication, creativity, and leadership skills.

Undergraduate Degree Programmes

Arts & Humanities

- Bachelor of Arts (B.A.)
- B.A. (Honours)
- English Literature
- Kannada
- Hindi
- Sanskrit
- History
- Political Science
- Sociology
- Philosophy
- Economics
- Public Administration

Psychology & Behavioural Sciences

- B.A./B.Sc. Psychology
- Applied Psychology
- Counselling Psychology
- Clinical Psychology (Higher Studies Required)

Journalism & Mass Communication

- Bachelor of Journalism (BJ)
- B.A. Journalism
- Mass Communication
- Digital Media
- Broadcast Journalism
- Public Relations
- Advertising & Media Studies

Social Sciences

- Sociology
- Anthropology
- Social Work (BSW)
- Rural Development
- Human Development

- Gender Studies
- International Relations

Languages & Literature

- English
- Kannada
- Hindi
- Sanskrit
- French
- German
- Japanese
- Linguistics
- Translation Studies

Public Administration & Governance

- Public Administration
- Political Science
- Governance Studies
- Public Policy
- Defence Studies

Fine Arts & Performing Arts

- Bachelor of Fine Arts (BFA)
- Visual Arts
- Painting
- Sculpture
- Applied Arts
- Theatre Arts
- Music
- Dance

Emerging Programmes



Digital Content Creation



Social Media Management



User Experience (UX) Research

Arts, Humanities & Social Sciences



Emerging Programmes (continued)

- Behavioural Science
- International Studies
- Public Policy
- Criminology
- Forensic Psychology
- Liberal Arts
- Environmental Studies

Career Opportunities

- Teacher/Lecturer
- Psychologist*
- Counsellor
- Journalist
- News Anchor
- Content Writer
- Editor
- Public Relations Officer
- Social Worker
- Civil Services Officer
- Human Resource Executive
- NGO Professional
- Policy Analyst
- Translator
- Foreign Language Expert
- Research Associate
- Historian
- Economist
- Museum Curator
- Entrepreneur

Some careers, such as Clinical Psychologist, require postgraduate qualifications and professional licensing.

Higher Education Options

- M.A.
- MSW (Master of Social Work)
- M.J./M.A. Journalism
- MPA (Public Administration)
- MBA
- LLB
- M.Ed.
- Ph.D.
- International Certifications

Essential Skills

- | | |
|--------------------------|---------------------|
| 1 Communication Skills | 2 Critical Thinking |
| 3 Creativity | 4 Public Speaking |
| 5 Leadership | 6 Writing Skills |
| 7 Research Skills | 8 Problem Solving |
| 9 Emotional Intelligence | 10 Digital Literacy |
| 11 Teamwork | |

Popular Employment Sectors

- Education
- Media & Journalism
- Publishing
- Advertising & Public Relations
- Government Departments
- Civil Services
- NGOs & Social Development
- Human Resources
- Research Organizations
- Corporate Communications
- Tourism & Heritage
- International Organizations
- Start-ups
- Multinational Companies (MNCs)

Future Career Trends

- Digital Journalism
- Content Strategy
- Social Media Management
- UX Research
- Behavioural Science
- Public Policy
- International Relations
- Corporate Communications
- Digital Marketing
- Cultural Heritage Management

Career Tip

Arts and Humanities build versatile professionals with strong communication, analytical, and leadership skills. Success depends on developing subject expertise along with digital skills, languages, research ability, and practical experience through internships, projects, volunteering, and creative portfolios.

Allied Health & Medical Careers

CARE / HEAL / INNOVATE / SAVE LIVES



Allied Health and Medical Sciences provide rewarding careers in patient care, diagnostics, rehabilitation, healthcare technology, research, and hospital management. These programmes prepare students to work alongside doctors and healthcare professionals in improving community health.

Undergraduate Degree Programmes

Medicine & Dentistry*

- MBBS
- BDS

Admission is based on NEET and other applicable regulations.

Nursing

- B.Sc. Nursing
- Post Basic B.Sc. Nursing (for eligible candidates)

Pharmacy

- Bachelor of Pharmacy (B.Pharm.)
- Doctor of Pharmacy (Pharm.D)

Physiotherapy & Rehabilitation

- Bachelor of Physiotherapy (BPT)
- Occupational Therapy (BOT)
- Prosthetics & Orthotics

Medical Laboratory & Diagnostic Sciences

- B.Sc. Medical Laboratory Technology (MLT)
- B.Sc. Radiography & Imaging Technology
- B.Sc. Operation Theatre Technology (OTT)
- B.Sc. Anaesthesia & Operation Theatre Technology
- B.Sc. Cardiac Care Technology

- B.Sc. Respiratory Therapy
- B.Sc. Renal Dialysis Technology
- B.Sc. Neuro Science Technology
- B.Sc. Emergency & Trauma Care Technology

Vision & Hearing Sciences

- Bachelor of Optometry (B.Optom.)
- Audiology & Speech-Language Pathology (BASLP)

Nutrition & Public Health

- B.Sc. Nutrition & Dietetics
- Bachelor of Public Health (BPH)
- B.Sc. Food Science & Nutrition

Healthcare Management

- Bachelor of Hospital Administration (BHA)
- BBA Hospital Management
- Health Information Management

Emerging Healthcare Programmes

Clinical Research

Medical Coding

Health Informatics

Digital Health

Telemedicine

Healthcare Data Analytics

Biomedical Engineering

Medical Artificial Intelligence (AI)

Genomics

Precision Medicine

ALLIED HEALTH SCIENCES – EMERGING CAREER OPPORTUNITIES

Explore future-ready careers in diagnostics, patient care, rehabilitation and health technology.



WHY ALLIED HEALTH MATTERS

Allied Health Sciences support healthcare through diagnostics, therapy, technology, patient assistance and rehabilitation services.

These professionals work with doctors, nurses and care teams across hospitals, laboratories, clinics and community settings.

It is one of the fastest-growing spaces for students interested in science and service.

EMERGING OPPORTUNITY AREAS



POPULAR FIELDS TO EXPLORE

01

MEDICAL LAB SCIENCE

Diagnostic testing, sample handling and laboratory support.

02

RADIOLOGY & IMAGING

Imaging equipment, scanning and diagnostic assistance.

03

PHYSIOTHERAPY SUPPORT

Mobility, exercise guidance and rehabilitation support.

04

OPERATION THEATRE & PATIENT SUPPORT

Clinical assistance and equipment readiness in care settings.

STUDY PATHWAYS AFTER PUC

- B.Sc. Allied Health Sciences and related specialisations
- BPT, B.Sc. Medical Lab, Imaging, OT and other health options
- Check approvals, labs, faculty and hospital exposure
- Build communication, discipline and patient-care attitude
- Internships and practical training are especially important

Choose programmes that combine academic learning with real clinical exposure.

SKILLS & ROLE OPTIONS

Lab Assistant

Imaging Tech

Therapy Support

OT Assistant

Patient Care

Rehab Support

Health Records

Equipment Ops

Core strengths include scientific understanding, patient handling, accuracy, teamwork, hygiene, empathy and confidence with equipment.

A

Accuracy & attention to detail

B

Compassion, communication and teamwork

STUDENT ROADMAP

A simple preparation path for students interested in Allied Health Sciences careers.

1

LEARN BASICS

Science foundation & awareness

2

CHOOSE PATHWAY

Select a field and course option

3

BUILD SKILLS

Practical learning and communication

4

GAIN EXPOSURE

Internships, hospitals and training

WHERE OPPORTUNITIES EXIST

Hospitals

Labs

Diagnostic Centres

Clinics

Rehabilitation Centres

Community Health

Telehealth Support

Research Units

Wellness Centres

Demand is expanding as healthcare systems grow, modernize and reach more people.



SAMPLE AUTHOR

AUTHOR NAME

University Name

Sample expert article / byline section

CAREER TIP

Choose this field if you enjoy science, helping people and learning practical skills.

Allied Health & Medical Careers



Career Opportunities

- Doctor*
- Dentist*
- Registered Nurse
- Pharmacist
- Physiotherapist
- Occupational Therapist
- Medical Laboratory Technologist
- Radiology Technologist
- Operation Theatre Technologist
- Cardiac Care Technologist
- Respiratory Therapist
- Optometrist
- Audiologist
- Dietitian/Nutritionist
- Hospital Administrator
- Clinical Research Associate
- Medical Coder
- Public Health Professional
- Healthcare Quality Executive
- Entrepreneur

Doctor and Dentist careers require completion of MBBS or BDS along with applicable registration.

Higher Education Options

- M.D. / M.S. (after MBBS)
- MDS
- M.Sc. Allied Health Sciences
- M.Pharm.
- MPT
- MPH (Master of Public Health)
- MBA Hospital & Healthcare Management
- Ph.D.
- Fellowship Programmes

Essential Skills

- Compassion & Empathy
- Communication Skills
- Scientific Knowledge
- Patient Care
- Observation Skills
- Critical Thinking
- Teamwork
- Problem Solving

- Digital Healthcare Skills
- Ethics & Professionalism
- Time Management

Popular Employment Sectors

- Hospitals
- Multi-Specialty Healthcare Centres
- Diagnostic Laboratories
- Medical Imaging Centres
- Pharmaceutical Companies
- Rehabilitation Centres
- Public Health Departments
- Research Institutions
- Medical Colleges
- NGOs
- Telemedicine Services
- Health-Tech Companies
- Government Healthcare Services
- Multinational Healthcare Organizations

Future Healthcare Trends

- | | |
|--|-----------------------------------|
| 1 Artificial Intelligence in Healthcare | 2 Telemedicine |
| 3 Digital Health Records | 4 Robotic Surgery |
| 5 Precision Medicine | 6 Genomics |
| 7 Biomedical Devices | 8 Health Informatics |
| 9 Wearable Health Technology | 10 Personalized Healthcare |

Career Tip

Healthcare careers require compassion, lifelong learning, and a commitment to ethical practice. Choose a programme that matches your interests and strengths, develop strong clinical and communication skills, and gain practical experience through internships and hospital training. Healthcare professionals play a vital role in improving the quality of life for individuals and communities.

Law, Design, Media & Creative Careers

CREATE / PROTECT / COMMUNICATE / INSPIRE



Law, Design, Media, and Creative Arts offer exciting opportunities for students who are passionate about justice, innovation, communication, creativity, and entrepreneurship. These fields combine knowledge, artistic skills, technology, and practical experience to build rewarding careers in India and globally.

Undergraduate Degree Programmes

Law

- Bachelor of Laws (LL.B.)
- Integrated B.A. LL.B.
- Integrated B.B.A. LL.B.
- Integrated B.Com. LL.B.
- Integrated B.Sc. LL.B.
- Integrated B.Tech. LL.B. (offered by select institutions)

Design

- Bachelor of Design (B.Des.)
- Fashion Design
- Interior Design
- Product Design
- Industrial Design
- Communication Design
- Graphic Design
- UI/UX Design
- Animation Design
- Game Design
- Textile Design
- Jewellery Design

Media & Communication

- Bachelor of Journalism & Mass Communication (BJMC)
- B.A. Journalism
- Mass Communication
- Digital Media
- Broadcast Journalism
- Public Relations
- Advertising
- Film & Television Production
- Photography

Fine Arts & Creative Arts

- Bachelor of Fine Arts (BFA)
- Visual Arts

- Painting
- Sculpture
- Applied Arts
- Music
- Dance
- Theatre Arts
- Performing Arts

Film, Animation & Digital Content

- Animation & VFX
- Multimedia
- Film Making
- Video Editing
- Motion Graphics
- Gaming & Interactive Media
- Content Creation
- Digital Storytelling

Emerging Programmes

 Artificial Intelligence in Design	 UI/UX Design
 User Experience Research	 Digital Marketing
 Brand Management	 Content Strategy
 Influencer Marketing	 Creative Entrepreneurship
 Virtual Reality (VR) Design	 Augmented Reality (AR) Design

Career Opportunities

Law

- Advocate
- Legal Advisor



UNDERSTANDING THE 5-YEAR INTEGRATED LAW PROGRAMME

A practical guide to integrated law degrees after PUC, including BA LL.B., BBA LL.B. and similar programmes.

This pathway combines a graduation degree with legal studies in one structured programme.

WHAT IS THE 5-YEAR INTEGRATED LAW PROGRAMME?

The 5-year integrated law programme allows students to study law immediately after PUC while also completing an integrated bachelor-level component such as Arts, Business Administration, Commerce or Science. Instead of pursuing a separate degree first and then law, students follow a continuous programme that builds legal knowledge, analytical ability, research skills and professional readiness over five years.

It is ideal for students who already know they want to explore the legal field early.

POPULAR INTEGRATED LAW OPTIONS

BA LL.B.

BBA LL.B.

B.Com. LL.B.

B.Sc. LL.B.

These programmes vary in academic flavour, but all lead students into core legal learning, legal research, constitutional understanding, moot practice, internships and professional exposure.

WHY STUDENTS CHOOSE THIS PATHWAY

01 EARLY ENTRY INTO LAW

Students can start legal education right after PUC.

02 INTEGRATED LEARNING

Students study both a broad academic stream and law.

03 PROFESSIONAL EXPOSURE

Moot courts, internships and court or office exposure.

04 CLEAR CAREER FOUNDATION

Builds a direct foundation for legal, judicial, policy and corporate pathways.

WHO SHOULD CONSIDER IT?

- Students interested in legal issues, justice, argument and analysis
- Those who enjoy reading, writing, discussion and current affairs
- Learners who want an early and structured legal education journey
- Students ready to build discipline, confidence and communication skills

KEY SKILLS TO BUILD

Critical Thinking

Communication

Research Ability

Ethics & Awareness

CAREER ROLES & FUTURE DIRECTIONS

Advocacy

Corporate Law

Legal Research

Policy Work

Judiciary Prep

Compliance

Academics

Public Service

Graduates may explore litigation, legal consultancy, in-house legal teams, policy, compliance, higher studies and other law-related professional opportunities.

STUDENT ROADMAP

1. EXPLORE

Learn about integrated law courses and interests.

2. PREPARE

Build reading, writing and communication skills.

3. CHOOSE

Select the right law special combination.

4. ENGAGE

Take internships, moot courts and law activities.

WHERE LEGAL CAREERS MAY LEAD

Law Firms

Corporate Offices

Courts

Policy Bodies

Compliance Teams

Legal Process Support

Academics

Public Service

NGOs

The integrated law route can open pathways in advocacy, legal advisory, compliance, governance and public affairs.

IMPORTANT CHECKPOINTS BEFORE CHOOSING

- Course combination and curriculum structure
- Faculty, moot court culture, internships and exposure
- Recognitions, learning environment and long-term suitability

SAMPLE AUTHOR



AUTHOR NAME

University Name

Sample expert article / byline section

CAREER TIP

Choose this pathway if you enjoy reading, analysis, debate, writing and understanding how law shapes society.

Sample byline / expert highlight

Law, Design, Media & Creative Careers



• Law (continued)

- Corporate Lawyer
- Judge*
- Public Prosecutor
- Legal Officer
- Legal Researcher

• Design & Creative

- Graphic Designer
- UI/UX Designer
- Interior Designer
- Fashion Designer
- Product Designer
- Animator
- VFX Artist
- Game Designer

• Media & Communication

- Journalist
- News Anchor
- Content Creator
- Digital Marketing Specialist
- Public Relations Executive
- Advertising Professional
- Photographer
- Film Maker
- Video Editor
- Social Media Manager
- Creative Director
- Entrepreneur

Some careers, such as Judge, require additional qualifications, examinations, and experience.

📖 Higher Education Options

- LL.M.
- M.Des.
- M.A. Journalism & Mass Communication
- MBA
- MFA (Master of Fine Arts)
- Ph.D.
- International Design Certifications
- Professional Creative Certifications

✦ Essential Skills

- Creativity
- Critical Thinking
- Communication Skills
- Public Speaking
- Design Thinking
- Legal Reasoning

- Drawing & Visualization
- Digital Tools
- Research Skills
- Storytelling
- Teamwork
- Entrepreneurship

📁 Popular Employment Sectors

- Law Firms
- Courts & Judiciary
- Corporate Legal Departments
- Design Studios
- Advertising Agencies
- Media Houses
- Television & Film Industry
- Digital Marketing Agencies
- Publishing
- Gaming Industry
- Animation Studios
- E-commerce Companies
- Start-ups
- Government Organizations
- Multinational Companies (MNCs)

📁 Future Career Trends

- | | |
|----------------------------|--------------------------------|
| 1 AI-Assisted Design | 2 UI/UX & Product Design |
| 3 Digital Content Creation | 4 Virtual Production |
| 5 Extended Reality (AR/VR) | 6 Creative Technology |
| 7 Digital Branding | 8 Legal Technology (LegalTech) |
| 9 Gaming & Esports | 10 Creator Economy |

📁 Career Tip

Success in law, design, media, and creative careers comes from combining knowledge with practical skills, creativity, communication, and a strong portfolio. Build real-world experience through internships, competitions, freelance projects, and continuous learning to stay ahead in a rapidly evolving industry.

Professional Certification & Skill Courses

LEARN / APPLY / BUILD JOB-READY SKILLS



Professional certifications and short-term skill courses can strengthen practical ability and employability. Choose courses that complement your degree plan, interests, and long-term career goals.

Information Technology

- Artificial Intelligence (AI)
- Machine Learning
- Data Science
- Data Analytics
- Cybersecurity
- Cloud Computing
- Full Stack Development
- Web Development
- Mobile App Development
- UI/UX Design
- Digital Marketing
- Python Programming
- Java Programming
- C++ Programming
- DevOps
- Software Testing (QA)

Business & Commerce

- Tally with GST
- Advanced Excel
- Financial Modelling
- Stock Market & Investment Basics
- Digital Accounting
- GST Practitioner
- SAP Fundamentals

- Business Analytics
- Supply Chain & Logistics
- Entrepreneurship

Design & Creative

- Graphic Design
- Animation
- VFX
- Video Editing
- Motion Graphics
- Interior Design Software
- CAD/CAM
- Fashion Design Software
- Photography
- Content Creation

Healthcare

Medical Coding

Medical Transcription

Hospital Administration

Clinical Research

Healthcare Management

Emergency Medical Technician (EMT)

First Aid & CPR Certification

Professional Certification & Skill Courses



Language & Communication

- Spoken English
- IELTS Preparation
- TOEFL Preparation
- German Language
- French Language
- Japanese Language
- Public Speaking
- Personality Development

Banking & Finance

- NISM Certifications
- NCFM Certifications
- Insurance Advisor Certification
- Mutual Fund Distributor Certification
- Financial Planning Basics

Hospitality & Tourism

- Hotel Operations
- Food Production
- Bakery & Confectionery
- Travel & Tourism
- Cabin Crew Training
- Aviation Customer Service

Emerging Technologies

- | | |
|--|---|
|  Internet of Things (IoT) |  Robotics |
|  Drone Technology |  3D Printing |
|  Blockchain Fundamentals |  AR/VR Development |

Soft Skills

- Leadership
- Teamwork
- Problem Solving
- Time Management
- Interview Skills
- Resume Writing
- Presentation Skills
- Critical Thinking

Career Tip

Professional certification courses can enhance employability and practical skills. Students should choose certifications that align with their degree program and career goals.

Career Planning for 1st PUC Students

START EARLY / EXPLORE WISELY / BUILD A STRONG FOUNDATION



The first year of PUC is the ideal time to explore career options and prepare for future opportunities. The choices you make today can shape your higher education and career path after 2nd PUC.

Why Career Planning in 1st PUC?

- | | |
|---|---|
| 1 Understand your interests and strengths. | 2 Explore different career options. |
| 3 Build a strong academic foundation. | 4 Develop skills for future success. |
| 5 Prepare early for competitive entrance examinations. | 6 Make informed decisions after 2nd PUC. |

Your 1st PUC Roadmap

June - August

Build Your Foundation

- Focus on understanding core subjects.
- Improve English communication and computer skills.
- Develop regular study habits.
- Participate in school activities and clubs.

September - November

Explore Career Options

Learn about Engineering, Medical, Commerce, Science, Arts, Law, Design, and Government careers.

- Attend career guidance programmes and webinars.
- Talk to teachers, parents, and career counsellors.
- Explore different universities and institutions.

December - February

Develop Future Skills

- Learn digital skills and AI basics.
- Improve aptitude and logical reasoning.
- Participate in science fairs, quizzes, debates, and competitions.
- Start building a portfolio of achievements.

March - May

Prepare for the Next Step

- Review academic performance.
- Set goals for 2nd PUC.
- Learn about scholarships and higher education opportunities.
- Begin light preparation for relevant entrance examinations.

Career Planning for 1st PUC Students



✦ Build Essential Skills

● Academic Skills

- Mathematics
- Science
- Language Skills
- Reading Habit

● Digital Skills

- MS Office
- Internet Research
- Artificial Intelligence (AI) Awareness
- Coding Basics (Optional)

● Soft Skills

- Communication
- Leadership
- Teamwork
- Creativity
- Problem Solving
- Time Management
- Public Speaking

📁 Explore Career Streams

 Engineering & Technology	 Medical & Allied Health
 Commerce & Management	 Science & Research
 Arts & Humanities	 Law
 Design & Creative Careers	 Government & Defence Services
 Agriculture & Veterinary Sciences	 Hospitality & Tourism

✓ Start Learning About Entrance Exams

- Understand the purpose and eligibility of:
- KCET
- COMEDK UGET
- JEE Main
- NEET UG
- CUET (UG)
- CLAT
- NATA
- NID DAT
- UCEED
- NDA

✦ Activities to Strengthen Your Profile

- Participate in sports and cultural events.
- Join NSS, Scouts & Guides, NCC (where available).
- Volunteer for community service.
- Attend workshops and seminars.
- Read newspapers and current affairs regularly.
- Build communication and presentation skills.

📁 Useful Resources

- School Career Guidance Cell
- Teachers and Mentors
- Official University Websites
- Karnataka Examination Authority (KEA)
- National Testing Agency (NTA)
- National Scholarship Portal (NSP)

📋 Do's

- Study regularly.
- Ask questions and clear doubts.
- Explore different career options.
- Develop new skills.
- Stay physically and mentally healthy.
- Maintain a balance between academics and extracurricular activities.

📋 Don'ts

- Don't choose a career only because your friends choose it.
- Don't depend only on social media for career information.
- Don't ignore communication and digital skills.
- Don't postpone career planning until 2nd PUC.
- Don't neglect your health and well-being.

📁 Success Formula

Learn > Explore > Practice > Improve > Prepare > Achieve

📁 Career Tip

1st PUC is the foundation for your future. Use this year to discover your interests, strengthen your academic concepts, build essential skills, and explore career opportunities. Early planning and consistent effort will help you make confident decisions after 2nd PUC and prepare you for success in higher education and beyond.

Admission Planning for 2nd PUC Students (Karnataka)

PREPARE / APPLY / CHOOSE / SUCCEED



The 2nd PUC year is a crucial stage in every student's academic journey. Along with preparing for board examinations, students should plan ahead for entrance examinations, college admissions, scholarships, and career decisions. Early planning helps reduce stress and improves the chances of securing admission to the desired course and institution.

✓ Your Admission Roadmap

📅 June - August

📋 Set Your Career Goals

- | | |
|--|--|
| 1 Finalize your preferred career stream. | 2 Shortlist courses and colleges. |
| 3 Understand eligibility criteria. | 4 Create a study timetable for Board and entrance exams. |
| 5 Start collecting information about scholarships. | |

📅 September - November

• Prepare for Entrance Examinations

- Register for relevant entrance exams.
- Practice previous years' question papers.
- Attend mock tests and revision

📅 December - February

• Complete Applications

- Apply for colleges and universities where applications are open.
- Keep all required documents ready.
- Track application deadlines carefully.
- Prepare for practical examinations and internal assessments.
- Continue regular revision.

📅 March - May

• Board & Entrance Examinations

- Appear for the Karnataka 2nd PUC Board Examination.
- Attend entrance examinations as scheduled.
- Stay updated on answer keys and result announcements.
- Maintain confidence and follow your preparation plan.

📅 May - August

• Counselling & Admissions

Admission Planning for 2nd PUC Students (Karnataka)



✓ Essential Admission Checklist

● Academic Documents

- SSLC Marks Card
- 1st PUC Marks Card
- 2nd PUC Marks Card (after results)
- Transfer Certificate (TC)
- Study Certificate (if required)

● Identity Documents

- Aadhaar Card
- Passport-size Photographs
- Mobile Number
- Email ID

● Reservation & Other Documents (If Applicable)

- Caste Certificate
- Income Certificate
- EWS Certificate
- Rural Certificate
- Kannada Medium Certificate
- Disability Certificate
- NCC / Sports / Cultural Certificates

✓ Important Entrance Examinations

- KCET
- COMEDK UGET
- JEE Main
- NEET UG
- CUET (UG)
- CLAT
- NATA
- NID DAT
- UCEED
- NDA
- University-Specific Entrance Examinations (where applicable)

✓ Admission Tips

- Research colleges before applying.
- Verify course approvals and accreditation.
- Compare placement opportunities.
- Check scholarship availability.
- Understand the fee structure carefully.
- Visit campuses or attend official counselling sessions where possible.
- Keep copies of all submitted documents.
- Follow official admission notifications only.

⚠ Common Mistakes to Avoid

- Waiting until the last date to apply.
- Applying without checking eligibility.
- Ignoring scholarship opportunities.
- Missing entrance exam or counselling deadlines.
- Depending on unofficial information.
- Choosing a course only because friends are joining it.

🔍 Before Confirming Admission

✓ Ask Yourself:

✓ Does the course match my interests and career goals?

✓ Is the institution recognized and approved?

✓ What are the placement and internship opportunities?

✓ What is the total cost of education?

✓ Are scholarships or education loans available?

✓ What higher education opportunities are available after graduation?

📁 Useful Resources

- Karnataka Examination Authority (KEA)
- National Testing Agency (NTA)
- University Admission Portals
- Official College Websites
- National Scholarship Portal (NSP)
- School Career Guidance Cell

🔗 Success Formula

Plan > Prepare > Apply > Perform > Compare > Confirm > Begin Your Career Journey

📅 Career Tip

Admission is more than securing a college seat-it is the beginning of your professional journey. Choose your course and institution based on your interests, abilities, career goals, accreditation, academic quality, and future opportunities. Careful planning today will help you build a successful tomorrow.

UNIVERSITY SPOTLIGHT

Learning with purpose.
Leading with confidence.

INSERT VERIFIED UNIVERSITY TAGLINE OR POSITIONING STATEMENT

PROFILE AT A GLANCE

XX+

PROGRAMMES ACRES

XX

XX+

CLUBS



PLACE UNIVERSITY
LOGO HERE



Vector placeholder - fully editable

A campus built around student momentum.

Use this spread to explain the university's distinctive strengths. Every statement should be supported by a verified detail.



Future-ready learning

Curriculum shaped around skills, context and practice.

ADD A VERIFIED PROOF POINT



Practice-led projects

Show how students learn by building, testing and presenting.

ADD A VERIFIED PROOF POINT



Mentoring that matters

Highlight faculty access, advising and student support systems.

ADD A VERIFIED PROOF POINT



A connected campus

Add clubs, collaborations and spaces that shape belonging.

ADD A VERIFIED PROOF POINT



ADD ONE SIGNATURE STORY

"Insert a concise, verified example that shows how the learning experience works in practice."

- Source name and role

Choose a path. Build a direction.

Present only programmes currently offered and approved.
Replace every sample line with the university's verified list.

Engineering and Technology

01

- B.Tech programme placeholder
- BCA programme placeholder
- Emerging technology option

Business and Commerce

02

- BBA programme placeholder
- B.Com programme placeholder
- Integrated pathway option

Design, Media and Humanities

03

- Design programme placeholder
- Media programme placeholder
- Humanities pathway option

Science and Health

04

- Science programme placeholder
- Allied health placeholder
- Research pathway option

THE LEARNING PATHWAY

1

EXPLORE

2

PRACTISE

3

BUILD

4

LAUNCH

More than a timetable.

Show the communities, spaces and experiences that help students feel involved and supported.



Clubs and communities

Insert verified club examples and signature campus events.



Sports and wellbeing

Show facilities, teams and student support services.



Innovation and making

Add labs, studios, incubators or project showcases.



STUDENT VOICE

"Use one short, approved student quote that feels specific, credible and connected to the experience shown on this page."

- Student name, programme and year

A WEEK ON CAMPUS

MON - CLUB MEET

WED - PROJECT LAB

FRI - SPORTS

SAT - COMMUNITY EVENT

From interest to enrolment.

Keep the application process simple, accurate and easy to scan.
Dates, eligibility and fees must come from the university.

1

Explore

Review programmes and learning options.

2

Check

Confirm eligibility, dates and documents.

3

Apply

Use the university's approved application route.

4

Review

Complete the stated selection process.

5

Confirm

Follow the official fee and offer instructions.

6

Arrive

Complete enrolment and orientation steps.

APPLICATION CHECKLIST

- Academic records
- Identity and category documents
- Entrance details, where applicable
- Approved photo and declarations

EDIT THIS LIST TO MATCH THE OFFICIAL PROCESS.

SCHOLARSHIP AREA

Use this card for verified merit,
need, sports or talent-based support.

Eligibility

Insert criteria

Deadline

Insert date

Terms and official policy link must be verified.



APPLICATION QR

Replace with the official
admission page QR code.

TEST BEFORE PRINT

Your next chapter starts here.

End with one clear action.
Keep contact information official and current.

ADMISSIONS OFFICE



PHONE

+91 XXXXX XXXXX



EMAIL

admissions@university.example



WEBSITE

www.university.example



CAMPUS

Insert verified address and pincode



SCAN TO
ENQUIRE

Replace with an official
tested landing-page QR.

QR PLACEHOLDER

INTEREST AREAS

ENGINEERING

MANAGEMENT

SCIENCES

DESIGN + MEDIA

EDITORIAL SAFETY NOTE

This design contains illustrative placeholders only. Replace all claims, statistics, programme names, approvals, fees, dates, contacts and QR codes with verified details.



BENGALURU HIGHER EDUCATION GUIDE 2027

DUMMY GUIDE

AN INITIATIVE BY

S2 Ad Agency LLP



REGISTERED ADDRESS

S2 Ad Agency LLP

No. 69, 4th Main Road, 2nd Phase, Manjunathanagar, Rajajinagar,
Bengaluru - 560010



MOBILE

+91 98865 69911



WHATSAPP

+91 98865 69911

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