CAREER GUIDANCE

DIGITAL LIBRARY

August 2025

RESOURCES: https://www.youtube.com/live/rrW9w1ALeeE

Self's Discovery

What ?
Why ?
When ?
Where ?
How ?

The tips of your fingers hold the power to change your future.

Story of Students in India

- Science, science, science, sciences
- Drawn towards Automobile, I.T. etc
- Drawn towards Medicine
- Lack of research by Students and Parents
- How many have heard of careers like CFE, BSc. LLB, Public Policy, Agri Tech, Food Tech ,stats, Maths based careers etc.

Changing careers

Fintech
- India: Paytm (India)
- Razorpay (India)

Agri-Tech
- India: Ninjacart (India)
- Kisan Drone (India)

Edu-Tech
- Unacademy (India)
- India: Upgrad (India)

Health-Tech
- 1mg
- PharmEasy

Retail-Tech
- Meesho (India):
- Flipkart (India):

Prop-Tech
- NoBroker (India)
- PropTiger (India)

Clean-Tech
- Refex (India)
- Waste Ventures India (India)

Media-Tech
- Hotstar (India)
- MX Player (India)

TECHNOLOGY

1) Top Certificate Courses :
   a) CS & Programming: Harvard CS50, Python for Everybody (Coursera)
   b) Web & UI/UX: FreeCodeCamp Web Design, Google UX Design
   c) AI & ML: AI for Everyone (Andrew Ng), Kaggle ML

2) YouTube Channels to follow :
   a) FreeCodeCamp
   b) The Net Ninja
   c) CS Dojo

3) Instagram pages to follow:
   a) @thecodexclub (coding)
   b) @python.learning (Python)
   c) @ui_gradient (design)

ENGINEERING (APART FROM TECH)

1) Certificate Courses (Introductory Engineering)
   a) Introduction to Engineering and Design – Brown University (edX)
   b) Principles of Engineering – King's College London (FutureLearn)
   c) Circuits for Beginners – NUS (edX).

2) YouTube Channels (Engineering Inspiration)
   a) Smarter Every Day
   b) Learn Engineering
   c) Interesting Engineering

3) Instagram Pages (STEM Visuals & Projects)
   a) Future Engineers (@futureengineers)
   b) Engineering Mindset (@engineeringmindset)
   c) Engineering with Paper (@engineeringwithpaper)

ENTREPRENEURSHIP

1) Top Certificate Courses
   a) Entrepreneurship in Emerging Economies – Harvard (edX)
   b) How to Start Your Own Business – University of Michigan (Coursera)
   c) Entrepreneurship Specialization – Wharton (Coursera)

2) YouTube Channels to Follow
   a) Y Combinator
   b) GaryVee
   c) Slidebean

3) Instagram Pages to Follow
   a) @foundr
   b) @young_entrepreneurs
   c) @entrepreneur

PSYCHOLOGY

1) Top Certificate Courses
   a) Introduction to Psychology – Yale University (Coursera)
   b) The Science of Well-Being – Yale University (Coursera)
   c) Positive Psychology – University of North Carolina (Coursera)

2) YouTube Channels to Follow
   a) Psychology In Seattle
   b) CrashCourse Psychology
   c) Therapy in a Nutshell

3) Instagram Pages to Follow
   a) @thepsychologymum
   b) @psych_today
   c) @mindhacks

Why Summer Vacations Matter

Summers are more than a break-they're a launchpad for skills, exposure, and future opportunities.

Bridge academic gaps
Prevent learning loss with engaging activities.

Explore interests
Develop new skills and passions.

Build resumes early
Gain internships and certifications.

Top 7 Global Careers

- Artificial Intelligence & Machine Learning Specialist
- Financial Analyst / Investment Banker / Fintech Specialist
- Digital Marketing & Brand Strategist
- Cybersecurity Expert
- Healthcare Professional (Doctors, Nurses, Mental Health Experts)
- Software Developer / Full-Stack Engineer
- Sustainability & Climate Change Analyst

TOP 7 AI PROOF CAREERS

- Healthcare Professionals (Doctors, Surgeons, Therapists)
- Psychologists & Mental Health Counselors
- Teachers & Education Consultants
- Skilled Tradespeople (Electricians, Plumbers, Carpenters)
- Creative Professionals (Writers, Designers, Art Directors)
- Legal Professionals (Lawyers, Judges, Mediators)
- Social Workers & Humanitarian Roles

TOP 7 CREATIVE CAREERS

- Graphic Designer
- Copywriter / Content Creator
- UI/UX Designer
- Art Director / Creative Director
- Filmmaker / Video Editor / Animator
- Fashion Designer
- Interior Designer
- Advertising / Brand Strategist
- Photographer / Visual Artist
- Game Designer / Concept Artist

Top 7 Career Paths for Tech Enthusiasts

AI & Machine Learning Engineer

Cybersecurity Specialist

Robotics Engineer

Quantum Computing Scientist

Augmented & Virtual Reality Developer

Blockchain Developer / Web3 Specialist

Data Scientist / Data Ethicist

Human-AI Interaction Designer

Sustainability Tech Expert (Green Tech Engineer)

Bioinformatics / Computational Biology Specialist

Careers after Political Science

- International Relations
- Law
- Public Policy
- Government and Advocacy Jobs
- Research
- Media

Careers after History

- Museumology
- Sustainable Management
- International Relations
- Civil Services
- Teaching

Careers after Geography

- Geographic Information System
- Cartography
- Urban and Regional Planner
- Climate Change Analyst
- Geospatial Analyst
- Climatologist

Careers after Psychology

Human Services	Admin.	Research	Education	Human Resources	Business and Industry
• Direct care for people • Counseling • Therapy • Crisis Work	• Community Relations • Fund Raising • Grant Writing	• Market Research • Data Analysis	• Teaching • Student Affairs • Adult Learning • Training	• Recruitment • Labor Relations • Org Development	• Sales • Management • Public Relations

Careers after Chemistry

- Printing/ Paint Technology
- Sugar Technology
- Chemical Engineering
- Pharmaceuticals
- Healthcare
- Research
- Teaching
- Waste Management

Careers after Computer Science

- Artificial Intelligence
- Augmented Reality/ Virtual Reality
- Machine Learning
- Internet of Things
- Cloud Computing
- Full Stack Developer
- System Analyst
- Data Scientist

Careers after Physics

- Astronomy
- Research
- Engineering Physics
- Healthcare
- Nanotechnologist
- Astrophysics
- Nuclear Physics

$$E = mc^2$$

Careers after Economics

- Econometrics
- Teaching & research
- Financial Analyst
- Govt jobs
- Actuarial Sciences
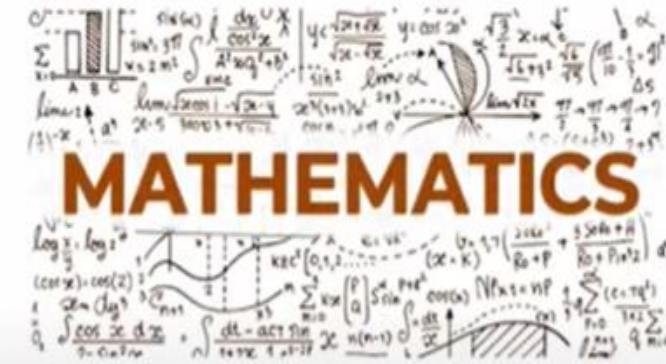- Management Consultant

Careers after English

- Advertising
- Journalism
- Content Development
- Teaching
- Public Relations
- Creative Writing
- Blogging
- Linguist

Careers after Maths

- Operations Research
- Statistician
- Mathematical Research
- Computer Science (MCA)
- Investment Banker
- Data Scientist
- Business Analyst
- Economist
- Actuarial Science

Careers after Biology

- Bioinformatics/ Computational Biology
- BSc LLB
- Bio +Management
- Computer Aided Drug Design
- Forensic Science
- Environmental Science
- Health Psychology

PCM- Emerging Careers

- Computational Linguistics
- Blockchain
- Artificial Intelligence
- Internet of things
- Big Data
- Stats Hons
- Operations Research
- Food technology
- Agritech
- Tech + Management
- Tech + Design

Commerce- Emerging Careers

- Business Analyst
- Finance-Tech
- Entrepreneurship
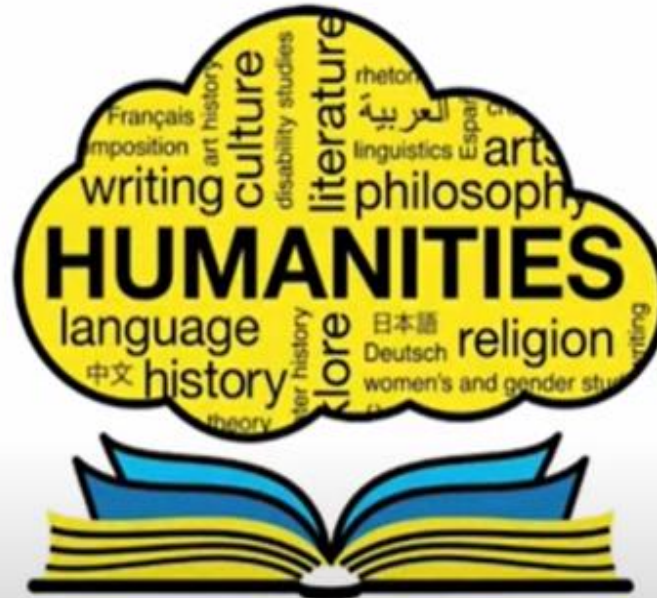- Cyber Law
- Design + Management
- Advertising

Commerce with Maths

- Actuarial Science
- BBA (Business analytics)
- Finance and FinTech.
- Econometrics
- BA (Hons) Business Eco
- BBA (FIA)

Humanities

- International Relations
- Public Policy
- Governance consulting
- Psychology
- Film Making, Advertising
- Law: Corporate, Cyber, Environmental etc
- 5 year prog from IIM's (IPM)

Commerce without Maths

- Fraud Examiner
- Insolvency Professional
- Digital Transformation/ Digital Technologies
- Finance, International Trade
- International Relations
- Film Making, Advertising
- Law: Corporate, Cyber, Environmental etc
- 5 year prog from IIM's (IPM)

CERTIFIED FRAUD EXAMINER

Indira Gandhi Rashtriya Uran Akademi (IGRUA):

- CPL (DGCA, Government of India)
- B.Sc Aviation

Indian Statistical Institute (Kolkata):

- B. Stat (Hons.)
- B. Math (Hons.)

Entrance - ISI Admission Test

Indian Council Of Agricultural Research :

- BSc (Hons) Agriculture
- Bachelor of Science Honours (B.Sc. Hons.) Microbiology
- BSc (Hons) Community Science
- BSc (Hons) Sericulture
- B.Tech Dairy Technology
- BSc (Hons) Forestry

National Forensic Sciences University- Gandhinagar :

- Bachelor of Technology [B.Tech] + Master of Technology [M.Tech] (Cyber security)
- Bachelor of Science [B.Sc] + Master of Science [M.Sc] (Forensic Science)
- Bachelor of Business Administration [BBA] + Master of Business Administration [MBA]
- Bachelor of Science + Bachelor of Laws [B.Sc L.L.B.] {Hons.}

Program offered by Indian Institute of Travel and Tourism:

- BBA (Tourism & Travel)

Delhi Technological University:

- B.Tech
- BBA
- B.DESIGN
- BA (H) ECONOMICS

NID:

- Bachelor Of Design (B.Des.) Communication Design (4 Years)
- (B.Des.) Product Design
- (B.Des.) Ceramic and Glass Design
- (B.Des.) Textile Design

Gautam Buddha University:

- Dual Degree BBA+MBA (with exit option)

- B.Com (Honours)

- B.Tech

- Bachelor in Architecture (B.Arch.)

- Bachelor of Design (Interior Design)

- B.Sc B.Ed./B.Com. B.Ed / B.A. B.Ed

- Bachelor of Physical Education and Sports (BPES)

- Psychology & Mental Health

- B.A. (History)| (English)

- B.A. (Hons.) in Journalism & Mass Communication

- B.Tech (Food Processing and Technology)

- B.Sc (Hons.) in Mathematics| Statistics| Economics

Banaras Hindu University:

- B A LL.B.

- Bachelor of Textile Design

- B. Sc. INDUSTRIAL MICROBIOLOGY

- Bachelor of Arts in Economics

- Bachelor of Ayurvedic Medicine and Surgery

- Bachelor of Dental surgery

- Bachelor of Medicine and Bachelor of Surgery (MBBS)

- Bachelor of Veterinary Science

- Bachelor of Physical Education (B.P.Ed.)

- Bachelor Of Science In Nursing (B.Sc Nursing)

Tata Institute of Social Sciences (TISS):

- BA in Social Science
- Bachelor of Science (BS) in Analytics And Sustainability Studies- Mumbai Campus (Four Years)
- Bachelor of Social Work [BSW]
- BA in Economics
- BA in Sociology
- B.Ed M.Ed Integrated

Indian Maritime University (Chennai):

- B.Tech (Marine Engineering) B.Tech (Naval Architecture & Ocean Engineering)
- B.Sc (Nautical Science)
- BBA (Logistics, Retailing & E-Commerce) Apprenticeship embedded BBA Maritime Logistics
- Diploma in Nautical Science leading to B.Sc. (Applied Nautical Science)

National Sports University, Government of India:

- Bachelor Of Physical Education & Sports
- Bachelor Of Science In Sports Coaching

Central Board of Secondary Education

धन्यवाद

Thankyou

FREE CAREER RESOURCES

https://bit.ly/cbse-jc

Scan me