### Career counseling after 10th

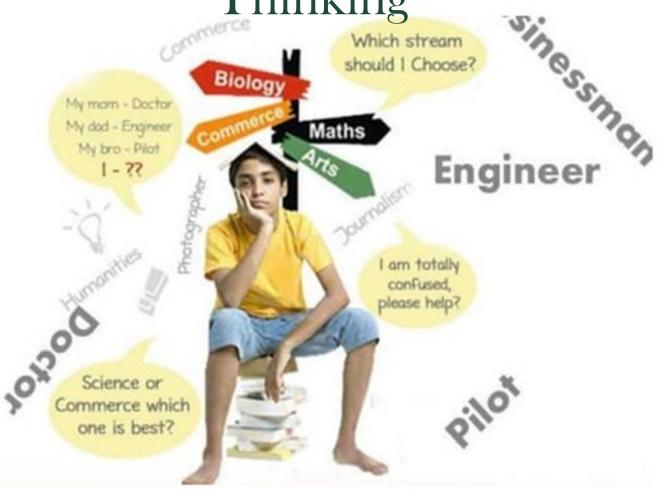


Directorate of Higher Education, Govt of Goa

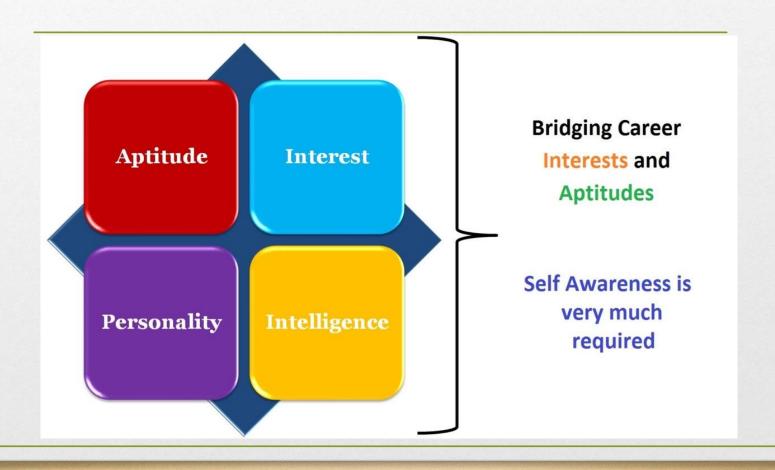


Directorate of Education, Govt of Goa

# Free Yourself from Conventional Thinking



#### Pre Evaluation for Career



### Career

**Education Based Career** 

Talent Based Career

#### Point of Focus

#### Understanding of the course

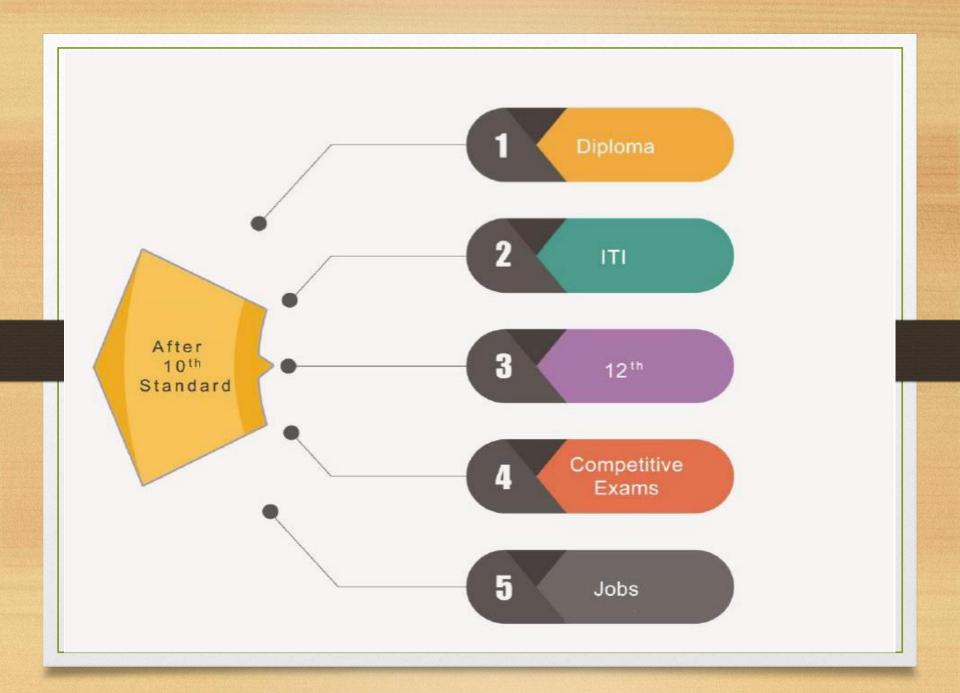
Before you decide which course to pursue, it is also important to understand what a course entail and what all does it cover?



#### **Future Prospects**

Another major important factor to consider upon deciding a college course is its future prospects.





### Diploma Courses after 10th

Code	Courses	Duration in years	Seats	Institutions
	For SS	C+		
CV	Civil Engineering	3	133	GPP,GPB, APV
ME	Mechanical Engineering	3	245	GPP, GPB, ISBT, GPC, APV
EL	Electrical Engineering	3	76	GPP, GPB
EN	Electronics Engineering	3	50	GPP
EC	Electronics & Communication. Engg.	3	76	ISBT, GPB
EC	Electronics & Communication. Engg.	3	38	APV
EE	Electrical & Electronics Engg.	3	88	GPC, APV
CO	Computer Engineering	3	126	APV, GPC, GPP
AT	Automobile Engineering	4	45	APV
SH	Shipbuilding Engineering	4	50	ISBT
FB	Fabrication Tech. & Erection Engg.	4##	38	GPP
FD	Food Technology#	3 ½	19	GPP
EI	Electronics & Instrumentation	3	25	GPP
GT	Garment Technology	3	38	GPP
AE	Architectural Assistantship	3	38	GPP
	TOTAL		1085	

### Diploma Courses 12+ Goa

For H.S.S.C+								
MO	Modern Office Practices	3	25	GPP				
PY	Pharmacy	2	75	GCP				
НМ	HM Hotel Management & Catering Technology		150	AIV, GAC				
	TOTAL		1335					
In addition, 5% seats are available under Tuition Fee Waiver Scheme of AICTE.								

#### ITI Courses after 10th

- ENGINEERING TRADES:
- Carpenter
- Computer Operator and Programming Assistant
- Draughtsman (Civil)
- Electrician
- Electronic Mechanic
- Fitter
- Foundryman
- Mechanic, Diesel
- Plumber
- Wireman

- NON-ENGINEERING TRADES:
- Baker& Confectioner
- Cutting and Tailoring
- Embroidery and needle Work
- Food Craft (General and Vegetarian)
- Hair and Skincare

10 Govt ITS and 3 Private ITI Goa

#### Vocational Stream

- Accountancy & Auditing
- Bakery & Confectionery
- MREEDA
- Catering & Restaurant
   Management

- Travel & Tourism
- Banking & Insurance
- Fashion Designing and Making
- Office Secretaryship & Stenography
- Auto Engineering Technology

# Vertical Mobility for ITI and Vocational

- The Goa University grants vertical mobility to the Vocational Students of Goa Board and the same facility is extended to the students of it is.
- The Academic Council of Goa university at its recent meeting resolved to permit mobility to students who, after passing Std X, having completed the ITI Courses of two years duration which have Std X as the eligibility from recognized centers and pass the National/State Council of Vocational Training (NCVT/SCVT) examinations of prescribed syllabus and on their own volition have appeared and passed the examination conducted by the Goa Board of Secondary and Higher Secondary Examination in the Subjects of English/Communication Skills for Std XII prescribed by the Goa Board.

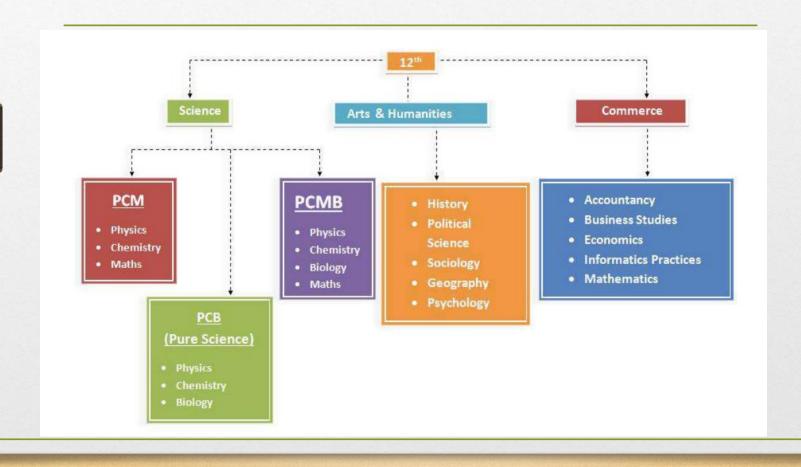
Engineering and Technology (For HSSC(SCI), HSSC Voc and ITI) Admission to Second Year Diploma

Admission to Second Year Dipioma																
Institute		GPP GPB		APV		ISBT		GPC		Total						
Code	XII (SCI)	Voc	ITI	XII (SCI)	Voc	IΤΙ	XII (SCI)	Voc	IΤΙ	XII (SCI)	Voc	ITI	XII (SCI)	Voc	ITI	
EN	2	2	1		-		2	1	1					-		09
ME	2	2	1*	2	1	2	2	1	2	2	2	1	2	2	1	25
СО	2	1	1	-		-	2	1	1	-			2	2	1	13
EE		-	-	-	-			-		-	-	•	2	2	1*	05
EL	2	1	1*	2	1	1		-	•	-	-			-		08
EI	1	1	1	-	-	•		-	•	-	-	•		-		03
EC		-	-	2	1	1	2	1	1	2	1	1		-		12
AT		-	-	-	-		2	2	1*	-	-	•		-		05
CV	3		2	2		2	3		2	-		•		-		14
GT	2	2	-		•	•			•	-		•		-	•	04
AA	2	•	2	•	•	٠	•	•	٠	-	•	٠	-		٠	04
SH		•	-	•	•	٠	•	•	٠	2	2	1			٠	05
FB	2	1	1		•	٠		•	•			•	-		•	04
FD	2	•	-	•	•	٠			٠			٠			٠	02
TOTAL	20	10	10	08	03	06	13	06	08	06	05	03	06	06	03	113

#### **Certificate Paramedical Courses After 10**

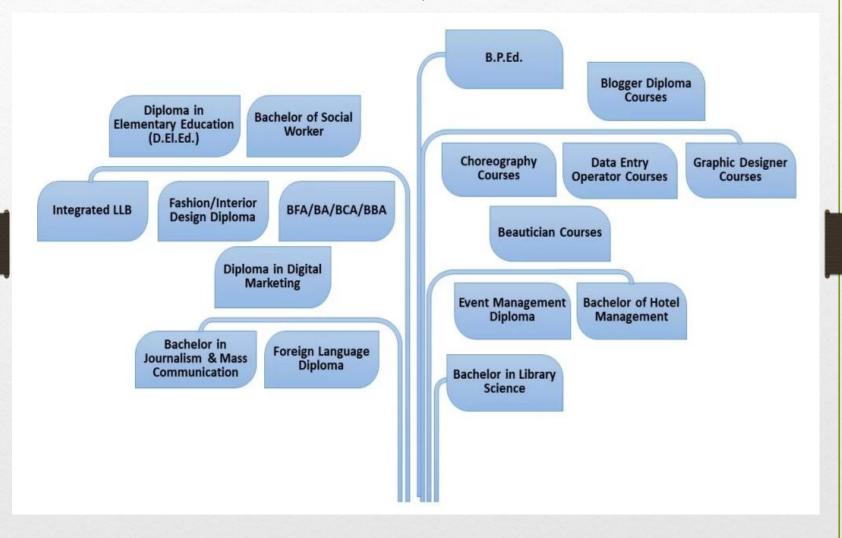
Course Name	Duration	Course Fees
Certificate in Physiotherapy	2 years	INR 9,000 – 1,00,000
Certificate in Medical Laboratory Technology	3 – 6 months	INR 5,000 – 1,00,000
Certificate in Technician/ Lab Assistant	6 months – 2 years	INR 1,000 – 30,000
Certificate in ECG and CT Scan Technician	1 year	INR 10,000 – 50,000
Certificate in Dialysis Technician	1 year	INR 5,000 – 50,000
Certificate in Home Based Health Care	6 months – 2 years	INR 2,400 – 50,000
Certificate in Nursing Care Assistant	6 months	INR 10,000 – 50,000
Certificate in HIV and Family Education	6 months – 2 years	INR 1,000 – 5,000

#### Stream to Choose after 10th

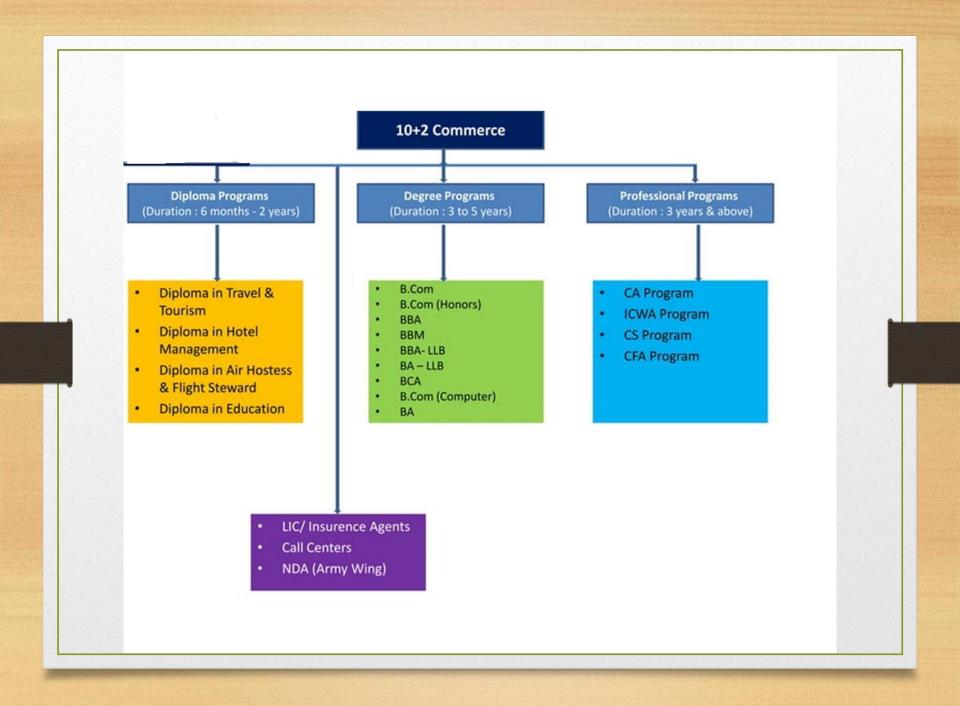




#### After 12th Arts







#### SOME POPULAR EMERGING CAREER OPTIONS IN COMMERCE

Investment
Banker

Actuary

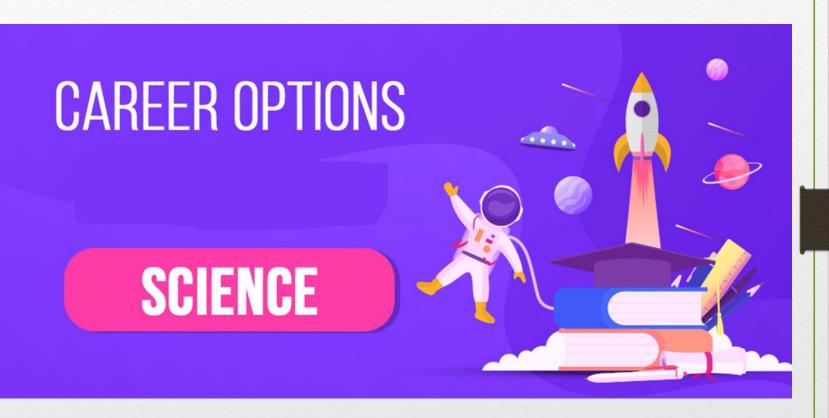
Business
Analyst

Personal
Financial Advisor

Certified
Financial Planner

Tax Manager

- National Institute of Securities Markets Investment Advisor Level 1 certification exam.
- This exam covers the basic concepts of securities markets, financial planning, and regulatory aspects.



### Opportunities in Science (PCM)

### Streams after 10th and Degree Courses in Pure Streams Science-A Group (Physics, Chemistry & Mathematics) Engineering/Technology/Architecture/Design

seconde / croup (r. nystes, chemistry a maniematics, single coming, recumisors gy, memocatanic, second								
Degrees / Branches	Duration	Professions						
B. Tech. (Bachelor of Technology) B. E. (Bachelor of Engineering) B F. Tech. (Bachelor of Fashion Technology) B. Arch. (Bachelor of Architecture) B. Plan (Bachelor of Planning) B.I.D (Bachelor of Interior Design) B. Des. (Bachelor of Design)	4 Years 4 Years 4 Years 5 Years 4 Years 4 Years 4 Years 4 Years	Engineer, Mathematician, Scientist, Architect, Commercial Pilot, Astronaut, Naval Officer, Physicist, Statistician, Interior Designer, Fashion Designer, Automobile Designer, Town Planner, Chemist						

#### Branches in Engineering/Technology

Aerospace Agricultural & Food Architecture Automobile Biochemical Biological Sciences Biotechnology Ceramic Chemical	Computer Science Electrical Electronics Electronics & Communication Electronics & Electrical Electronics & Electrical Com. Electronics & Instrumentation Engineering Physics Engineering Science	Industrial Instrumentation Manufacturing Science Marine Materials Science Mathematics & Computing Mechanical Metallurgical Mineral	Mining Machinery Naval Architecture Ocean Engineering Petroleum Plastic Polymer Science Production Textile Technology
			rextile recliniology

### Opportunities in Science (PCB)

Course	<b>Duration in years</b>		Seats		Institution	Code
M.B.B.S.	5 ½		180	GMC, Bambolim		MED
B.D.S.	5		50	GDC, Bambolim		DEN
B.H.M.S.	5 ½		50	SK	HMC, Shiroda	BHM
B.A.M.S	5 ½		60		GAMRC	BAM
B.A.M.S	5 ½		50	A	IIA, Dhargal	AAM
B.Sc. in Nursing	4 (includes internship)		110	IN	E, Bambolim	BNG
B.Sc. in Nursing	4 (includes internship)		55	V	INE, Colvale	BNV
B.Sc. in Nursing	4 (includes internship)		66	SNI, Sankhali		BNS
B.Sc. in Nursing	4 (includes internship)		44#	SBNC, Parye		BNB
B.Sc. in Nursing	4 (includes internship)		33#	HPSMCN, Pernem		BNH
B.N&Y.Sci.(Bachelor of Naturopathy and Yogic Science)	4 (includes internship)		44	GCPNYS, Thivim		BNY
B.P.T.(Bachelor of Physiotherapy)	4 (includes internship)		33	GCPNYS, Thivim		BPG
I I	A.H.S.(Allied Health Scien	ices)				
B.P.T.(Bachelor of Physiotherapy)	4 ½ (includes 6 months inte	rnship)	22		GMC, Bambolim	BPT
B.O.T. (Bachelor of Occupational therapy)	4 ½ (includes 6 months internship)		22		GMC, Bambolim	BOT
B.Opt. (Bachelor of Optometry)	4 (includes 12 months internship)		22		GMC, Bambolim	BOP
B.Sc.M.I.T(B.Sc. in Medical Imaging Tech.)	4 (includes 12 months inter	nship)	22		GMC, Bambolim	BMT
B.Sc.A.T.(B.Sc. in Anaesthesia Technology)	4 (includes 12 months inter	nship)	22		GMC, Bambolim	BAT

#### ANM (Auxiliary Nurse Midwifery) and GNM (General Nursing and Midwifery)

- Eligibility:
- Educational Qualification: Candidates must have passed 10+2 in any stream (Arts, Science, Commerce) from a recognized board.
- Duration:
- The ANM course is generally of 2 years, including 6 months of internship.
- The GNM course is generally of 3.5 years, including a 6-month internship.

### **Competitive Exams**



#### Engineering Entrance Exam

#### (a) Joint Entrance Examination (JEE) Main

Purpose-For Admission in B. E./B. Tech., B. Arch., B. Planning

Eligibility- Class 12, 12 passed

Apply-Online

Activity- November, December

Source: <a href="http://jeemain.nic.in/jeemainapp/Welcome.aspx">http://jeemain.nic.in/jeemainapp/Welcome.aspx</a>

#### JEE Main - Institutes

#### Percentage Criteria

Candidates appearing for JEE Main must has passed class 12<sup>th</sup> with Physics, Chemistry & Mathematics in order to apply. However For admission to IITs, NITs, IIITs & CFTIs candidates must have secured at least 75% in their class 12th board exams (65% for SC/ST students)

- Ministry of Human ResourcesDe velopment (MHRD) has as set up Joint Seat Allocation A uthority (JoSAA) to regulate and manage seat allocation in 87 institutes.
- Joint seat allocation for 18 IITs, I SM Dhanbad, 31 NITs, 18 IIITs and 18 Other Government Funded Technical Institutes (Other GFTIs) is done through JoSAA.

#### JEE Advanced

- (b) JEE Advanced
- Purpose-Admission in UG programmes in IITs and ISM (Indian

School of Mines) Dhanbad

Eligibility- Class 12, 12 Passed (PCM)

Apply-Online

**Activity-**May

Source: http://jeeadv.iitd.ac.in/

•Must be among the top 2,50,000 rank holders in JEE Main.

#### Legal Education and Research

Exam: National level Common Law Admission Test (CLAT)



LAW Degrees / Branches	Duration	Professions
B.Sc. LLB (Bachelor in Science & Bachelor in Law) BA LLB (Bachelor in Arts & Bachelor in Law) B.Com. LLB (Bachelor in Commerce & Bachelor in Law) BBA LLB (Bachelor in Business Admin. & Bachelor in Law) BLS LLB (Bachelor in Liberal Arts & Bachelor in Law) BSW LLB (Bachelor in Social Work & Bachelor in Law) B.Tech. LLB (Bachelor in Technology & Bachelor in Law)	5 Years 5 Years 5 Years 5 Years 5 Years 5 Years 6 Years	Litigator, Lawyer, Advocate, Social Activist, Diplomat, Judicial Magistrate, Judge, Professor, Legal Advisor, Corporate Legal Consultant, Arbitrator, Conciliator, Mediator Etc.

#### Programs Covered by NEET Scores

- MBBS (Bachelor of Medicine and Bachelor of Surgery)
- **BDS** (Bachelor of Dental Surgery)
- BAMS (Bachelor of Ayurvedic Medicine and Surgery),
   BHMS (Bachelor of Homeopathic Medicine and Surgery),
   BUMS (Bachelor of Unani Medicine and Surgery)
- Bachelor of Physiotherapy (BPT), Bachelor of Occupational Therapy (BOT), Bachelor of Science in Nursing (B.Sc Nursing)



# NDA (DEFENCE FORCES)

### AVAILABLE DEGREES

BA B.Sc. B.E.

Type of Entry	AGE	Eligibility
Indian Army	16 ½ -19 Yrs	12th Class pass/appearing of the 10+2 pattern of School Education or equivalent examination conducted by a State Education Board or a University.(Any stream)
Indian Navy & Naval Academy	16 ½ -19 Yrs	12th Class pass/appearing of the 10+2 pattern of School Education or equivalent with Physics and Mathematics conducted by a State Education Board or a University.
Indian Air Force	16 ½ -19 Yrs	12th Class pass/appearing of the 10+2 pattern of School Education or equivalent with Physics and Mathematics conducted by a State Education Board or a University.

# - ABOUT EXAMS

Exam	Selection Process	No. of	No. of	Tentative
	& Test pattern	Questions	Marks	Schedule & Remarks
NDA www.upsconline.nic.in Time: 2.5 hours for each paper Timing: NA Mode: Pen & Paper (Test Conducted Twice a year)	Paper 1 Mathematics Paper 2 General ability test English G.K.	120 150	300 200 400	Forms Out: Jan/Feb & Jun/July Last Date: Feb & July Test Date: March/April & Sep/Oct Negative Mark.: Paper 1: +2.5/- 0.83 Paper 2: +4/-1.33 Marks: 900 Forms Available: Online



#### DESIGN / FINE / CREATIVE/ VISUAL / APPLIED ARTS

### AVAILABLE DEGREES

DEGREE	DURATION	ELIGIBILITY
B.I.D (Bachelor of Interior Design) B. Des. (Bachelor of Design) BFA (Bachelor of Fine Arts)	4 Years 4 Years 4 Years	10+2 Any Stream 10+2 Any Stream 10+2 Any Stream
BVA (Bachelor of Visual Arts) B. Cr. A (Bachelor of Creative Arts)	4 Years 4 Years	10+2 Any Stream 10+2 Any Stream

#### Colleges with Admissions based on Entrance Exam after 12th

Exam	Selection Process & Test Pattern	No. of Questions	Marks/ Weightage	Tentative Schedule & Remarks
DAT National Institute of Design (Multi-location) http://www.nid.edu/ Time: 3 hours, Timing: NA Mode: Pen and Paper	Part 1 MCQ Part 2 Subjective	70	70 30	Form Out: Oct Last Date: Nov Test Date: Jan Negative Marking: +1/0 Total Marks: NA Forms Available: Online
DAT (Mains) National Institute of Design (Multi-location) http://www.nid.edu/ Time: 3 hours, Timing: NA Mode: Pen and Paper	Studio Test +Interview	NA	100	Form Out: Mid Dec Last Date: Last week of Nov. Test Date: 1st week of Jan Negative Marking : Nil Total Marks : NA Form Available: Online



## PURE SCIENCE AND COMPUTER APPLICATION

### AVAILABLE DEGREES

DEGREE	DURATION	ELIGIBILITY
B Sc. / B Sc.(Hons.) (Bachelor of Science/Bachelor of Science(Hons.))	3 Years	10+2 PCM/PCB
B. Math. (Bachelor of Mathematics)	4 Years	10+2 Any Stream with Math/Stats
B. Stat. (Bachelor of Statistics)	4 Years	10+2 Any Stream with Math/Stats
BS-MS Integrated (Bachelor of Science-Master of Science Integrated)	5 Years	10+2 PCM/PCB
BCA (Bachelor of Computer Applications)	3 Years	10+2 Any Stream with Math/ Stats/Accounts/Computer as one of the subjects
BBA-IT (Bachelor of Business Administration (Information Technology))	3 Years	10+2 Any Stream

#### **SPECIALISATIONS B.Sc. / B.Sc. (Hons.)**

Anthropology
Biomedical Science
Computer Science
Geology
Life Sciences
Mathematics and Computer Science
Physical Sciences & Computer Science
Physical Sciences with Electronics

Applied Physical Science
Botany
Electronics
Home Science
Mathematics
Mathematics and Electronics
Physical Sciences & Chemistry
Physical Sciences
Statistics

Biochemistry
Chemistry
Food Technology
Instrumentation
Mathematics and Chemistry
Microbiology
Physical Sciences & Physics
Physics
Zoology

# Bachelor of Science (Research) Programme

- Indian Institute of Science, Bangalore offers admission to its four-year Bachelor of Science (Research) Programme in 2024.
- Indian Institutes of Science Education and Research (IISERs) offers admission to its five-year-long BS-MS dual degree programme.
- Candidates who wish to apply through the IISER Aptitude Test (IAT) mode of entry to the four-year Bachelor of Science program MUST apply to both the IAT-2024 and IISc admission portal.
- To apply to IISc Bangalore, https://admissions.iisc.ac.in
- For IAT-2024, https://iiseradmission.in/



#### MASS COMMUNICATION

### AVAILABLE DEGREES

DEGREE	DURATION	ELIGIBILITY
BBM (Bachelor in Mass Media)	3 Years	10+2 Any Stream
BMC (Bachelor in Mass Communication)	3 Years	10+2 Any Stream
BMS (Bachelor in Media Studies)	3 Years	10+2 Any Stream
BJMC (Bachelor in Journalism & Mass Communication)	3 Years	10+2 Any Stream
BA in Journalism	3 Years	10+2 Any Stream
BA in Communication & Media	3 Years	10+2 Any Stream

#### **CAREER PROSPECTS**

Anchor Reporter Journalist Correspondent

Director Cinematographer Creative Designer Editor Copy Writer Creative Writer Author

Brand Manager Media Programmer P.R. Specialist

#### **SPECIALISATIONS**

RADIO	DESIGN	
TELEVISION	WRITING	
PRINT MEDIA	PUBLIC RELATIONS	

SOUND



#### HOTEL MANAGEMENT

### AVAILABLE DEGREES

DEGREE	DURATION	ELIGIBILITY
B. Sc. Hopitality and Hotel Administration	3 Years	10+2 Any Stream
B.A. (Hons) in Hotel Management	4 Years	10+2 Any Stream
B.A. (Hons) in Culinary Arts	4 Years	10+2 Any Stream
B.Tech (Hospitality Mgmt. & Catering Tech.)	4 Years	10+2 Any Stream

#### **CAREER PROSPECTS**

Restaurants & Fast Food outlets	Entrepreneurship	Indian Armed Forces
Teaching	Flight Kitchen and on-board flight services	Marketing & Sales with Hotels
Hospital catering	Railway Catering services	Shipping and Cruise lines

- Institute of Hotel Management, Goa (IHM Goa)
- V. M. Salgaocar Institute of International Hospitality Education (VMSIIHE)



#### **SPORTS & SPORTS MANAGEMENT**

### AVAILABLE DEGREES

Degree	Duration	Eligibility
BBA in Sports Management	3 Years	10+2
BSM (Bachelor of Sports Management)	3 Years	10+2
B.A in Sports Management	3 Years	10+2
BPE (Bachelor in Physical Education)	3 Years	10+2

- **National Sports University** is a <u>central university</u>, located in <u>Imphal</u>, <u>Manipur</u>, <u>India</u> with specialization in <u>sports</u>.
- Don Bosco College Panjim. Goa University



# BUSINESS

#### AVAILABLE DEGREES

DEGREE	<b>DURATION</b>	ELIGIBILITY
IPM (Integrated Program in Management)	5 Years	10+2
5 Year Integrated BBA+MBA	5 Years	Any Stream
I-MBA (Integrated Master in Busi. Administration)	5 Years	a few colleges
BBA (Bachelor in Business Administration)	3 Years	require Maths/
BMS (Bachelor in Management Studies)	3 Years	Statistics as a
BBS (Bachelor of Business Studies)	3 Years	Compulsory
BBM (Bachelor of Business Management)	3 Years	Subject.

**The CAT** (Common Admission Test) is a national-level entrance exam conducted annually by Indian Institutes of Management (IIMs) on a rotational basis in online mode.

<u>Management Aptitude Test</u> is also a national-level entrance exam that is conducted four times a year. MAT is conducted by the All India Management Association (AIMA) at various centers across India

<u>Common Management Admission Test</u> which is a national-level entrance test. CMAT is conducted in online mode by the National Testing Agency once in a year.

### Teacher Education Program

- **B.Ed** 2yr Program after Graduation (Any stream)
- Eligibility: Graduate degree in Science/Social Sciences/Humanities with a minimum aggregate of 50% for general categories.
- **B.A.Ed** Integrated Program after 12<sup>th</sup> (Any Stream)
- **B.Sc B.Ed** Integrated Program after 12<sup>th</sup> (Science)
- Eligibility: 12<sup>th</sup> in Science/Social Sciences/Humanities with a minimum aggregate of 50% for general categories.
- M.Ed After Graduation

Eligibility: Graduate degree in Science/Social Sciences/Humanities with a minimum aggregate of 55% for general categories and 50%

#### Agriculture Science

- Educational Qualification:
- You must have completed 10+2 (or equivalent) from a recognized board.
- The qualifying examination should include subjects like Physics, Chemistry, Biology/Mathematics
- Entrance Exams

ICAR AIEEA (All India Entrance Examination for Admission):

Conducted by the Indian Council of Agricultural Research (ICAR).

#### Space Technology and Aero Science

- Qualifying Exams and Eligibility
- Joint Entrance Examination (JEE) Advanced
- **Purpose**: Admission to undergraduate engineering programs at Indian Institutes of Technology (IITs) and Indian Institute of Space Science and Technology (IIST).
- Eligibility:
  - Completion of 10+2 with Physics, Chemistry, and Mathematics.

#### Career Options in Banking

- **IBPS PO/Clerk**: Conducted by the Institute of Banking Personnel Selection.
- **SBI PO/Clerk**: Conducted by the State Bank of India.
- **RBI Grade B**: Conducted by the Reserve Bank of India.
- NABARD Grade A/B: Conducted by the National Bank for Agriculture and Rural Development.

#### Chartered Accountant (CA)/ Company Secretary (CS)

- Institute of Chartered Accountants of India (ICAI)
  - CA Foundation Course:
  - CA Intermediate Course:
  - CA Final
- Institute of Company Secretaries of India (ICSI)
  - CS Foundation Course:
  - CS Executive Programme
  - CS Professional Programme

"It's not what you achieve, it's what you overcome. That's what defines your career."