Welcome

to

Career Guidance Seminar

Prof. M S Patel

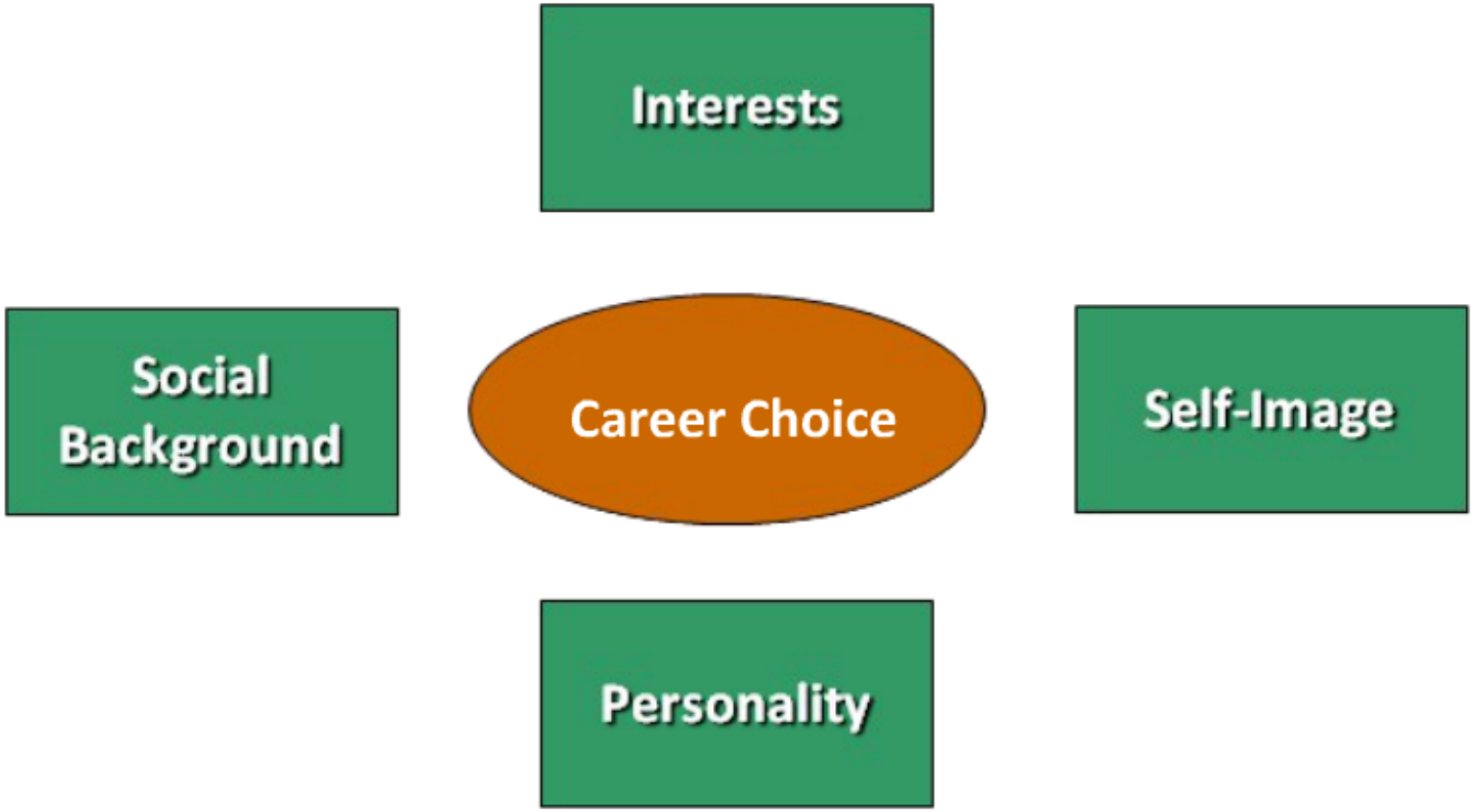
Mahila College, Unjha.

Date: 11th May, 2014.
Sunday
Time: 1.00 to 3.30 pm

Rotary Club of Visnagar Round Town

"Share Rotary -- Serve People"

How People Choose Careers



વિદ્યાર્થી મિત્રો,

- બોલો તમારે ભણી-ગણીને શું બનવું છે ?
  - ડાક્ટર, એન્જિનિયર, કલેક્ટર કે આમાંથી કંઈ જ નહિ ?
- કોઈ ઓફબીટ કોર્સ કરી ઓફ બીટ વસાયમાં ઝંપલાવવું છે ?
- આપણે ડાક્ટર, એન્જિનિયર, પાયલોટ, કલેક્ટર સિવાયના વ્યવસાય વિશે વિચારતા જ નથી.
- ધોરણ-**10/12**માં ઓછા ટકા આવ્યા હોય તો પણ અનેક ક્ષેત્રે સુંદર અને સફળ કારકિર્દી બનાવી શકાય છે.

Career Planning

Steps:

- What are your **interest**?
- What do you **want to be**?
- What are your **skills**?
- What types of careers **fit** your skills and interest?
- How do you **prepare** for the career?

Plan your career

- Lot of alternatives
- Each alternative competes with other
- Choosing careers based on

  -Academics

  -Personality

  -Desire
- Balance between

  - Options , expectations of parents and You

Courses after 12th

MS

EXPLORE YOUR INTERESTS

Choose a Career Cluster

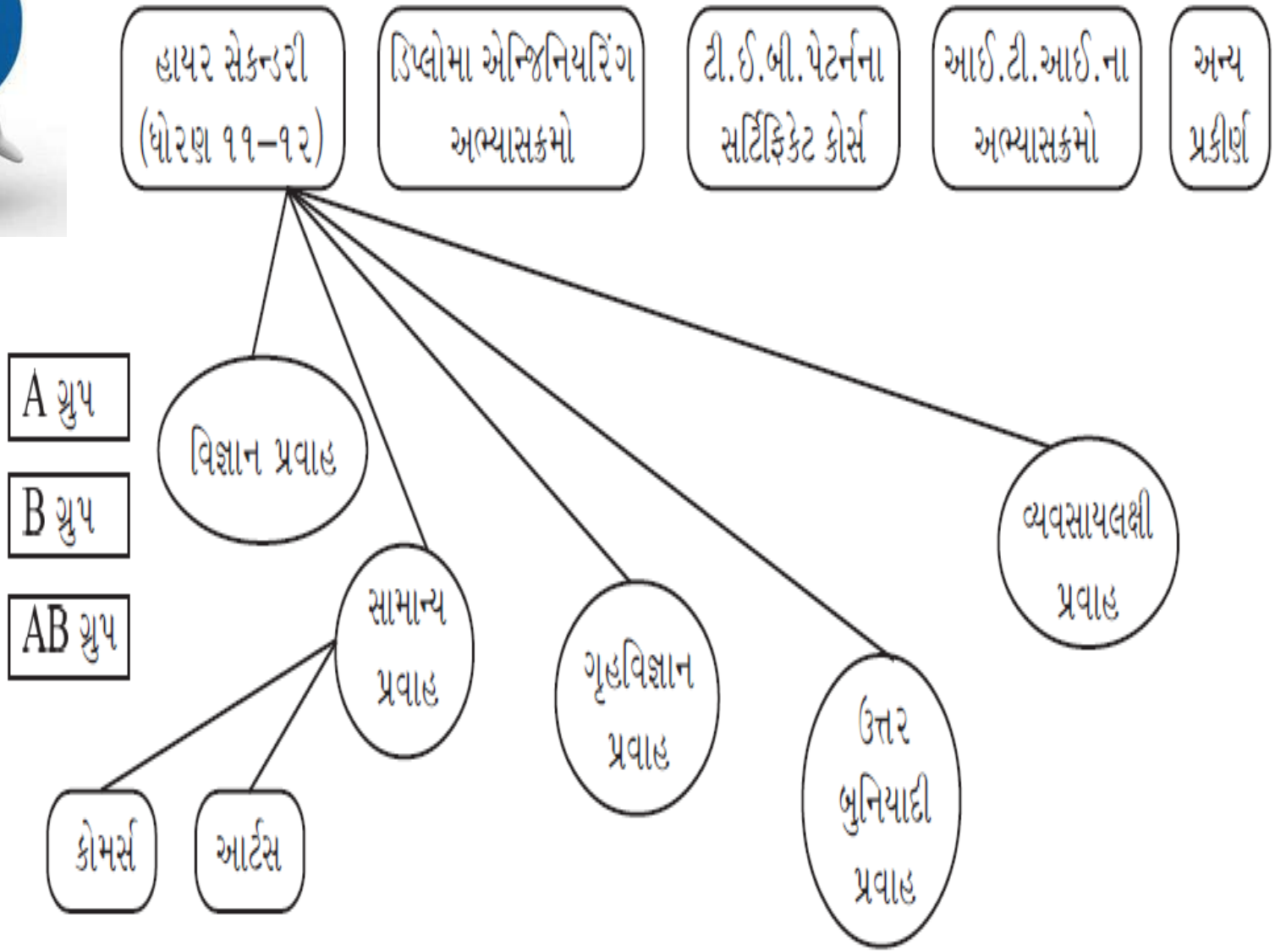
Agriculture, Food, and Natural Resources	Architecture and Construction
Arts, A/V Technology, and Communications	Business, Management, and Administration
Education and Training	Finance
Government and Public Administration	Health Science
Hospitality & Tourism	Human Services
Information Technology	Law, Public Safety, Corrections & Security
Manufacturing	Marketing
Science, Technology, Engineering & Mathematics	Transportation, Distribution, and Logistics

કોઈપણ અભ્યાસક્રમમાં પ્રવેશ મેળવવા કયા પ્રમાણપત્રો તૈયાર રાખશો ?

ધો. ૧૨માં ઉત્તિર્ણ થયા બાદ વિવિધ અભ્યાસક્રમોમાં પ્રવેશ માટે કેટલાંક જરૂરી પ્રમાણપત્રોની આવશ્યકતા રહેશે. આ પ્રમાણપત્રોની પ્રમાણિત કરેલી ઝેરોક્ષ નકલો તૈયાર રાખો.

પ્રવેશ માટેના જરૂરી પ્રમાણપત્રો

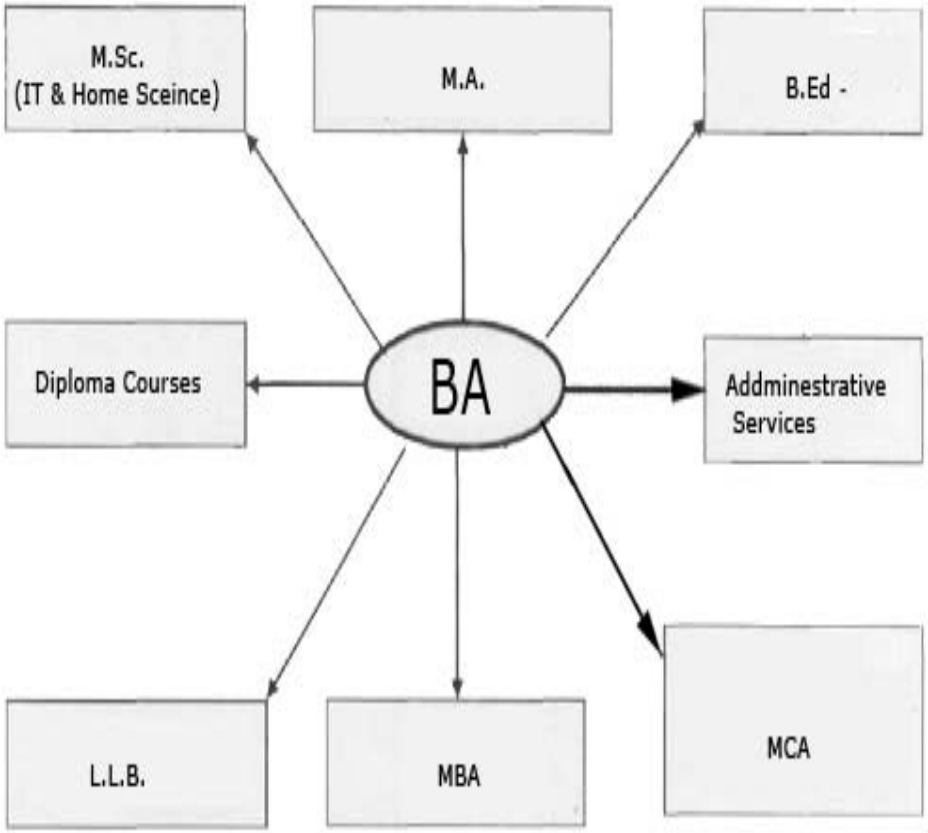
- ધોરણ-૧૦ની માર્કશીટ
- ધોરણ-૧૦નું પ્રમાણપત્ર
- ધોરણ-૧૨ની માર્કશીટ
- પાસપોર્ટ સાઈઝના ૨૦ ફોટોગ્રાફ્સ
- સ્વયંનું નામ, સરનામું લખેલા પરબીડિયાં
- શાળા અભ્યાસ દરમિયાન પ્રાપ્ત કરેલા રમત-ગમત, એન.સી.સી., સામાજિક પ્રવૃત્તિને લગતા તેમજ અન્ય કોઈ પ્રમાણપત્ર હોય તો તે.
- ધોરણ-૧૧ની માર્કશીટ
- જાતિ અંગેનું સક્ષમ અધિકારી દ્વારા અપાયેલું પ્રમાણપત્ર (લાગુ પડતું હોય તો)
- અન્ય પછાત વર્ગમાં આવતા વિદ્યાર્થીઓ માટે 'નોન-ક્રિમિલેયર' અંગેનું છેલ્લા વર્ષનું પ્રમાણપત્ર
- શાળા છોડ્યાનું પ્રમાણપત્ર
- પ્રયત્ન પ્રમાણપત્ર
- ચારિત્ર્યનું પ્રમાણપત્ર (જરૂરી હોય ત્યાં)


હાયર સેકન્ડરી (ધોરણ ૧૧–૧૨)
ડિપ્લોમા એન્જિનિયરિંગ અભ્યાસક્રમો
ટી.ઈ.બી.પેટર્નના સર્ટિફિકેટ કોર્સ
આઈ.ટી.આઈ.ના અભ્યાસક્રમો
અન્ય પ્રકીર્ણ
A ગ્રુપ
B ગ્રુપ
AB ગ્રુપ
વિજ્ઞાન પ્રવાહ
સામાન્ય પ્રવાહ
ગૃહવિજ્ઞાન પ્રવાહ
ઉત્તર બુનિયાદી પ્રવાહ
વ્યવસાયલક્ષી પ્રવાહ
કોમર્સ
આર્ટસ

General BA Degree Course

BA With

- History
- Economics
- Political Science
- Psychology
- Sociology
- Anthropology
- Geography
- Philosophy
- Literature
- Rural Development etc.



Careers in Art

earthsoft

- Designers
- Fashion technology
- Textile designers
- Jewellery designers
- Interior & exterior design
- Fine arts; cartoonist
- Photography
- Print journalism
- Mass communication
- Electronic journalism
- Film making
- Advertising
- Public relations

commerce courses after 12th

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Diploma Programs
Duration: 2 years

- Diploma in Travel &Tourism
- Diploma in Hotel Management
- Diploma in Airhostess & Flight Steward
- Diploma in Education

* Usually a 4 year program

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Degree Programs
Duration: 3 to 5 years

- B.Com
- B.Com (Honors)*
- BBA-LLB@
- BA-LLB@
- BBA
- BBM
- BCA
- B.Com (Computers)
- BA (Economics)

Professional Programs
Duration: 3 years and above

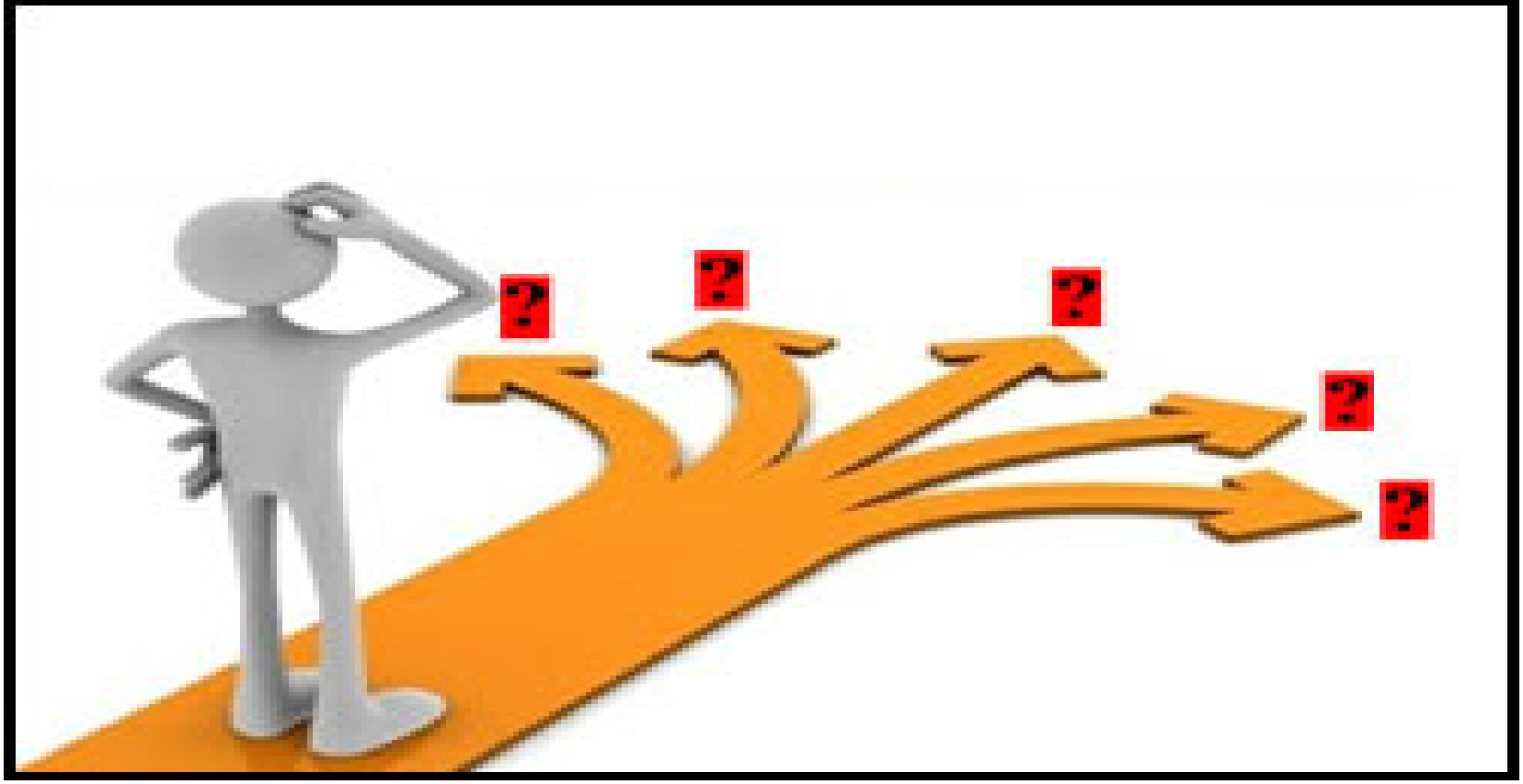
- CA Program
- ICWA Program
- CS Program
- CFA Program

@ Usually a 5 year program

Best courses for commerce students

- CA - Charted Accountancy
- C.F.A - Chartered Financial Analyst (Same As CA)
- Actuarial Science - This course is related to Insurance, Financial Analysis of companies etc.
- MBA
- BAF(Bachelors in Accounting & Finance)
- BMS(Bachelors in Managemnt Studies)
- BMM(Bachelors in Mass Media)
- BBI(Bachelors in Banking & Insurance)
- BFM(Bachelors in Financial Market)

What Career to Choose after Class 12th Science??



Career Options Availability after Class 12th Science

MS

SCIENCE After Completing 10 +2

PCM/ PCB

- B. Pharma
- Agriculture Science
- Veterinary Services
- Dairy Services etc.

PCB

PARA MEDICAL

- Physiotherapy
- Occupational Therapy
- Speech Therapy
- Nursing

MEDICAL

- MBBS
- BDS
- Homeopathy
- Ayurveda

PCM

ENGINNERING

- Civil
- Mechanical
- Electrical
- Electronics
- Marine
- Computer
- Mettalargy Production
- Chemical etc.

TECHNICAL DIPLOMA

- Civil
- Mechanical
- Electrical
- Electronics etc.

Medical
&
Paramedical

Medical Entrance Exam 2014-15 | India

AIIMS	All India Institute of Medical Sciences
AIPMT	All India Pre-Medical/ Pre-Dental Entrance Test
AIPVT	All India Pre-Veterinary Test
AFMC	Armed Forces Medical College Entrance Exam
BHU PMT	Banaras Hindu University Pre Medical Test
VMU AICEE	Vinayaka Missions University All India Common Entrance Examination
CET	Karnataka Common Entrance Test
MHTCET	Maharashtra Common Entrance Test
CMC Vellore	Christian Medical College, Vellore
EAMCET Medical	Engineering, Agriculture and Medicine Common Entrance Test
AIET	All India level Entrance test
BHU GNM	Banaras Hindu University (BHU) Diploma in General Nursing and Midwifery Entrance Test
AICEE	All India Common Entrance Examination
DUMET	Delhi University Medical/Dental Entrance Test

- **તબીબી ક્ષેત્રે નીચેના અભ્યાસક્રમોમાં પ્રવેશ પ્રાપ્ત કરી શકાય :**

૧. એમ.બી.બી.એસ. : બેચલર ઓફ મેડિસીન એન્ડ બેચલર ઓફ સર્જરી. — ૪ વર્ષ ૬ માસ (૧ વર્ષ ઈન્ટર્નશીપ). બીઆરએસએચ(રૂરલ) જો શરૂ થાય તો.

૨. બી.ડી.એસ. : બેચલર ઓફ ડેન્ટલ સર્જરી — ૪ વર્ષ ૬ માસ (ઈન્ટર્નશીપ).

૩. બી.ફિઝિયો : બેચલર ઓફ ફિઝિયોથેરાપી — ૪ વર્ષ ૬ માસ (ઈન્ટર્નશીપ).

૪. બી.એ.એમ.એસ. : બેચલર ઓફ આયુર્વેદ મેડિસીન એન્ડ સર્જરી — ૫ વર્ષ ૬ માસ (૬૭ માસ ઈન્ટર્નશીપ)

૫. બી.એચ.એમ.એસ. : બેચલર ઓફ હોમિયોપેથીક મેડિસીન એન્ડ સર્જરી — ૫ વર્ષ

૬. બી.પી.ઓ. : બેચલર ઓફ પ્રોસ્થેટિકસ એન્ડ ઓર્થોડિકસ.

૭. બી.ઓ. : બેચલર ઓફ ઓપ્ટોમેટ્રી,

૮. બી.એસ.સી.એન. : બેચલર ઓફ સાયન્સ ઈન નર્સિંગ.

૯. બી.ઓ.ટી. : બેચલર ઓફ ઓકયુપેશનલ થેરાપી. આ અભ્યાસક્રમમાં પ્રવેશ માટે : www.mediacmbjmc.gov.in વેબસાઈટ જોવી.

MS

WHAT AFTER 10+2 MEDICAL

1. Medicine (M.B.B.S.)
2. Dentistry (B.D.S.)
3. Ayurveda (B.A.M.S.)
4. Homeopathy (B.H.M.S.)
5. Naturopathy(B.Y.N.S)
6. Physiotherapy
7. Medical Lab Technology
8. Bio –Technology
9. Hospital Management
10. Occupational Therapy
11. Medical Transcription
12. Medical Representatives
13. Forensic Science
14. Radio-graphy/Therapy
15. Nuclear Medicine
16. Microbiology

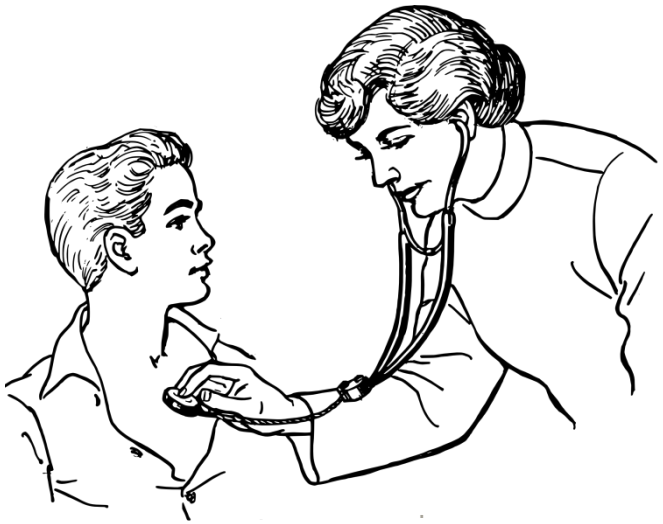
MEDICINE(M.B.B.S.)

Bachelor Of Medicine Bachelor Of Surgery (MBBS)

- DURATION 5 &1/2 YEARS.
  (One year of internship)
- ELIGIBILITY 10+2 (physics, chemistry and biology)

CAREERS IN MEDICINE

- MBBS **Bachelor of Medicine, Bachelor of Surgery**
- BUMS **Bachelor of Unani Medicine and Surgery**
- BHMS **Bachelor of Homoeopathic Medicine and Surgery**
- BNYS **Bachelor of Naturopathy and Yogic Sciences**
- BAMS **Bachelor of Ayurvedic Medicine and Surgery**



MS

BHMS

(Bachelor of Homeopathic_Medicine & Surgery)

- **ELIGIBILITY:** 10+2 (physics, chemistry, Biology and English with minimum 45 % marks.)
- **DURATION:** DEGREE→ five and half years, (including internship.)

- **Qualification** required for entrance is 10+2 or equivalent with Science subjects.
- In the case of private medical_colleges entrance examinations are conducted by the institutes individually.

EMPLOYMENT

- Government and private hospitals
- Clinics,
- Charitable institutions,
- Research institutes as researchers,
- Medical colleges
- Training institutes as teachers
- Private practice.

B.A.M.S (Bachelor of Ayurvedic Medicine and Surgery)

- DURATION : 4½ year course
- ELIGIBILITY: 10+2
  (physics, chemistry and biology.)

Ayurveda doctor can enter other fields such as,

- Medical Journalism
- Pharmacology

BACHELOR IN DENTAL SURGERY

DURATION 4-YEARS.

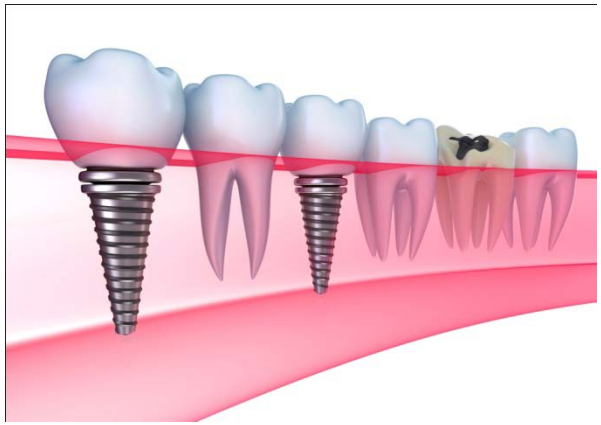
ELIGIBILITY 10+2 (Physics,chemistry and biology.)

Dentists are employed by,

- Hospitals
- Dental Clinics
- Private practice
- Educational Institutions
- Armed Forces

CAREERS IN DENTAL SCIENCES

- Doctor of Dental Surgery (DDS)
- Doctor of Dental Medicine (DMD)
- Doctor of Dentistry (DD)[1]
- Doctor of Medical Dentistry (DrMedDent)
- Bachelor of Dentistry (BDent)
- Bachelor of Dental Surgery (BDS or BChD or BDentS)
- Bachelor of Dental Science (BDSc or BDentSc)
- Bachelor of Oral Health in Dental Science (B OH DSc)
- Graduate Diploma in Dentistry (Grad Dip Dent)

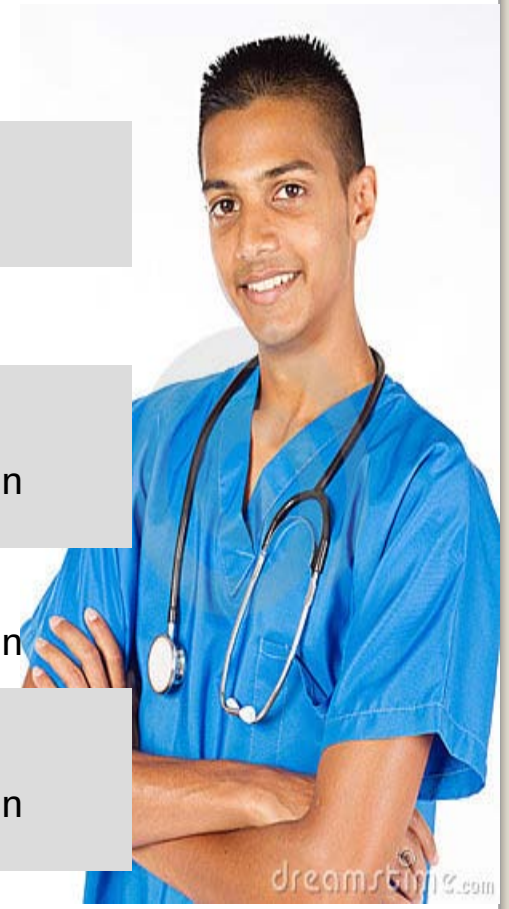


CAREERS IN PARAMEDICAL SCIENCES

S. No.	Courses	Eligibility	Duration (Yrs.)
1	Bachelor of Occupational Therapy	10+2 with PCB/PCM	3
2	Bachelor of Medical Lab Technology	10+2 with PCB/PCM	3
3	Bachelor of Radiation Technology	10+2 with PCB/PCM	3
4	Bachelor of Optometry and Ophthalmic Technology	10+2 with PCB/PCM with English and with 45% aggregate marks	4
4	Diploma in Medical Lab Technology	10+2 with PCB/PCM	2
		10th with PCB/PCM	3
4	Diploma in Ophthalmic Technology	10+2 with PCB/PCM	2
		10th with PCB/PCM	3
7	Diploma in Operation Theatre Technology	10+2 with PCB/PCM	2
		10th with PCB/PCM	3
8	Diploma in ECG Technology	10+2 with PCB/PCM	2
		10th with PCB/PCM	3
9	Diploma in Radiography Technology	10+2 with PCB/PCM	2
		10th with PCB/PCM	3

Careers In Nursing

Nursing Programs	Training Duration	Examination	Registration
Auxiliary Nurse & Midwife	2 years	Nursing Examination Board	R.ANM
General Nursing & Midwifery	3 and 1/2 years	Nursing Examination Board	R.N & R.M
B. Sc (Basic)	4 years	University	R.N & R.M
B.Sc (Post Basic)	Regular: 2 yrs Distance: 3 yrs	University	Additional Qualification
M. Sc.	2 years	University	Additional Qualification
M. Phil	1 year (Full time) 2 years (part time)	University	Additional Qualification
Ph D	3-5 years	University	Additional Qualification



Career in Veterinary Science

Bachelor of Veterinary Science
Graduate Certificate of Tropical Veterinary Science
Graduate Diploma of Tropical Veterinary Science

1) College of Veterinary Science & Animal Husbandry -
Since 1964 (Self Financed)
Anand Agricultural University,

2) College of Veterinary Science and Animal Husbandary -
Since 1981 (Self Financed)
Sardarkrushinagar
Banaskantha district

3) College of Vetrinary Science -
Since (Government Aided)

Junagadh

4) Veterinary &Anima Husbandry -
Since (Government Aided)
Navsari

CAREERS IN MEDICINE

- MBBS / BUMS / BHMS / BNYS / BAMS
- DENTAL SCIENCES
- PARAMEDICAL SCIENCES
- NURSING
- PHYSICAL OCCUPATIONAL, ORTHOTIC AND PROSTHETIC
- SPEECH THERAPISTS AND AUDIOLOGISTS
- MEDICAL TRANSCRIPTION
- HEALTHCARE AND HOSPITAL MANAGEMENT
- MEDICAL TECHNOLOGISTS - RADIOGRAPHERS & OPTOMETRISTS
- PHARMACY
- DARK ROOM ASSISTANT
- VETERINARY SCIENCE

Careers in Health Care, Medicine & Allied Fields

Ayurveda
Dentistry
Forensic Science
Medical Transcription
Medical Lab Technology
Medicine
Nursing
Nutrition & Dietetics
Hospital Management
Pharmacy
Prosthetics & Orthotics
Psychology
Speech Pathology & Audiology
Occupational Therapy
Optometry
Physiotherapy
Psychiatry
Radiography
Veterinary Science

Forensic Science:

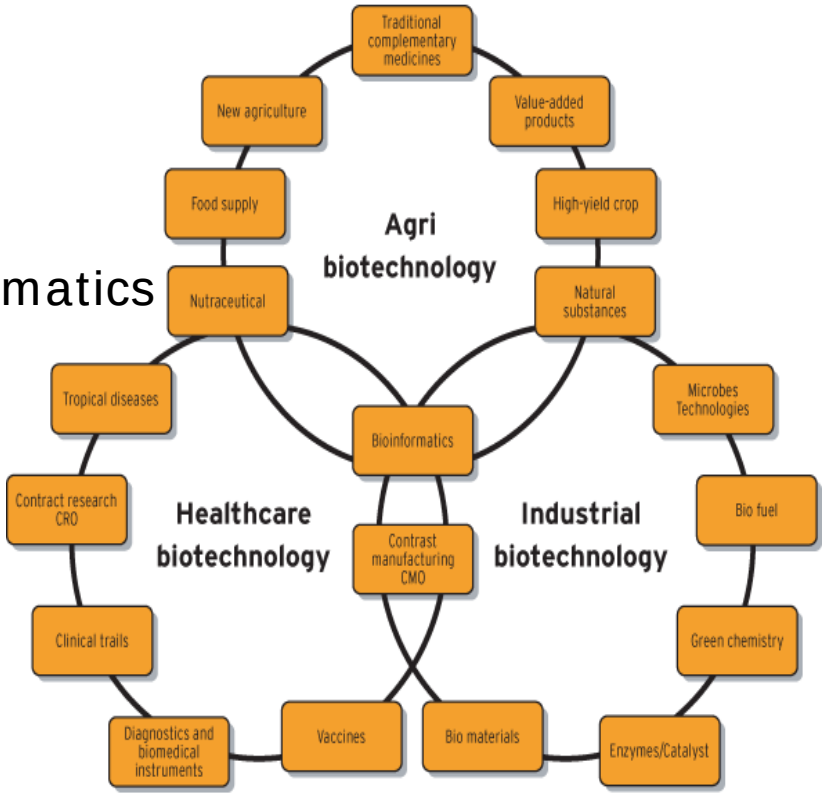
The field of Forensic science involves investigating of a crime with the help of applying scientific principles

1. B. Sc in Forensic Sciences
2. B. Sc in Life Science, Chemistry, Forensic Science
3. Diploma in Criminology and Forensic Science for Police personnel
4. B.Sc in Forensic Sciences
5. Diploma in F/Sciences (Ballistics and Finger Prints)
6. Diploma in Forensic Science (Cyber Crimes)
7. Diploma in Forensic Science (Computer Forensics)

Bio Technology:

The field of Biotechnology is totally a combination of biology with modern technology, which produce result in alter cells to manipulate them as required. It helps scientists to develop treatments for various diseases and very helpful to humans and other living forms

- B.E. in Biotechnology
- B.Tech (Industrial Biotechnology)
- Diploma in Biotechnology
- B.Science in Biotechnology
- B. Sc in Biotechnology and Bio informatics



BIOTECHNOLOGY

Bio-Technology is a research oriented science, a combination of Biology and Technology.

It covers a wide variety of subjects like

- Genetics,
- Biochemistry,
- Microbiology,
- Immunology,
- Virology,
- Chemistry
- Engineering
- Health and Medicine,
- Agriculture and Animal Husbandry,
- Cropping system and Crop Management
- Ecology, Cell Biology,
- Soil science and Soil Conservation,
- Bio-statistics, Plant Physiology,
- Seed Technology etc.

Career options

- Business development manager
- Lab technician
- Research associate
- Engineer (Chemical, Electrical, Environmental and Industrial)
- Sales representative
- Marketing

Physiotherapy

ELIGIBILITY: 10+2 (physics, chemistry, biology and English.)

DURATION: 4 years (last six months involves an internship period at a hospital)

Job:

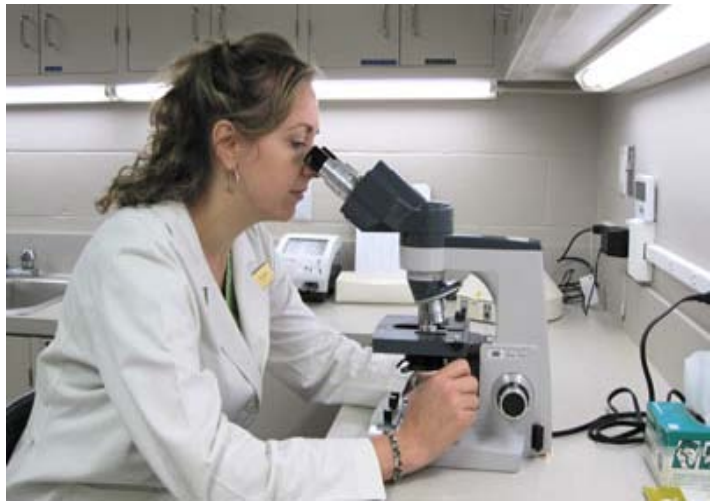
- As physiotherapist
- Rehabilitation Departments,
- Municipal corporations and
- Private Hospitals

BMLT / DMLT

1. **Bachelor of Medical Laboratory Technology(BMLT)**

2. **Diploma in Medical Laboratory Technology (DMLT)**

- **DURATION:** 1) 3 YEARS
  2) 2 YEARS
- **Eligibility:** 10+2 or equivalent with Science subjects



BMLT / DMLT

Job Oportunities

1. molecular diagnostics,
2. molecular biotechnology companies
3. vitro fertilization laboratories
4. research labs.
5. clinical areas,
6. drug testing,
7. therapeutic drug monitoring and
8. biogenetics
9. medical technologists
10. product development,
11. marketing,
12. sales,
13. quality assurance,
14. environmental health and insurance,

Bachelor degree in Pharmacy

ELIGIBILITY: 10+2 (physics, chemistry, biology and English.) 50%

DURATION: 3 to 4 years

Job: As Pharmacist
Medical Store

Bachelor in Nutrition & Dietetics

ELIGIBILITY: 10+2 (physics, chemistry, biology and English.) 50%

DURATION: 3 years

Job:

- Food service field,
- Institutional Catering,
- Health Care field,
- Research & Development
- Social Welfare.

Bachelor degree in Radiography.

ELIGIBILITY: 10+2 (physics, chemistry, biology and English.)

DURATION:3 to 4 years

Job:

- X-ray,
- Fluoroscopy,
- Ultrasound (sonography),
- CT scan (Computer Tomography),
- MRI (Magnetic Resonance Imaging),
- Angiography.

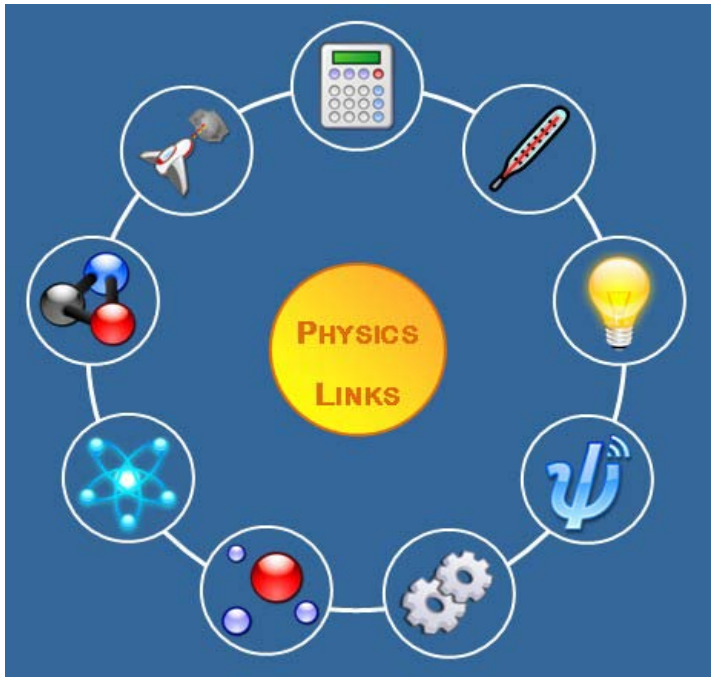
Careers in Basic & Applied Sciences

Bioinformatics
Floriculture
Forestry / Wildlife
Oceanography
Photonics
Nanotechnology
Astronomy
Biotechnology
Fisheries Science
Genetic Engineering
Archaeology

PHYSICS

Areas of specialisation include:

- Molecular Physics
- Particle Physics
- Plasma and Fluid Physics
- Optics
- Acoustics
- Atomic Physics
- Geophysics
- Nuclear Physics
- Solid State Physics
- Astrophysics
- Electronics



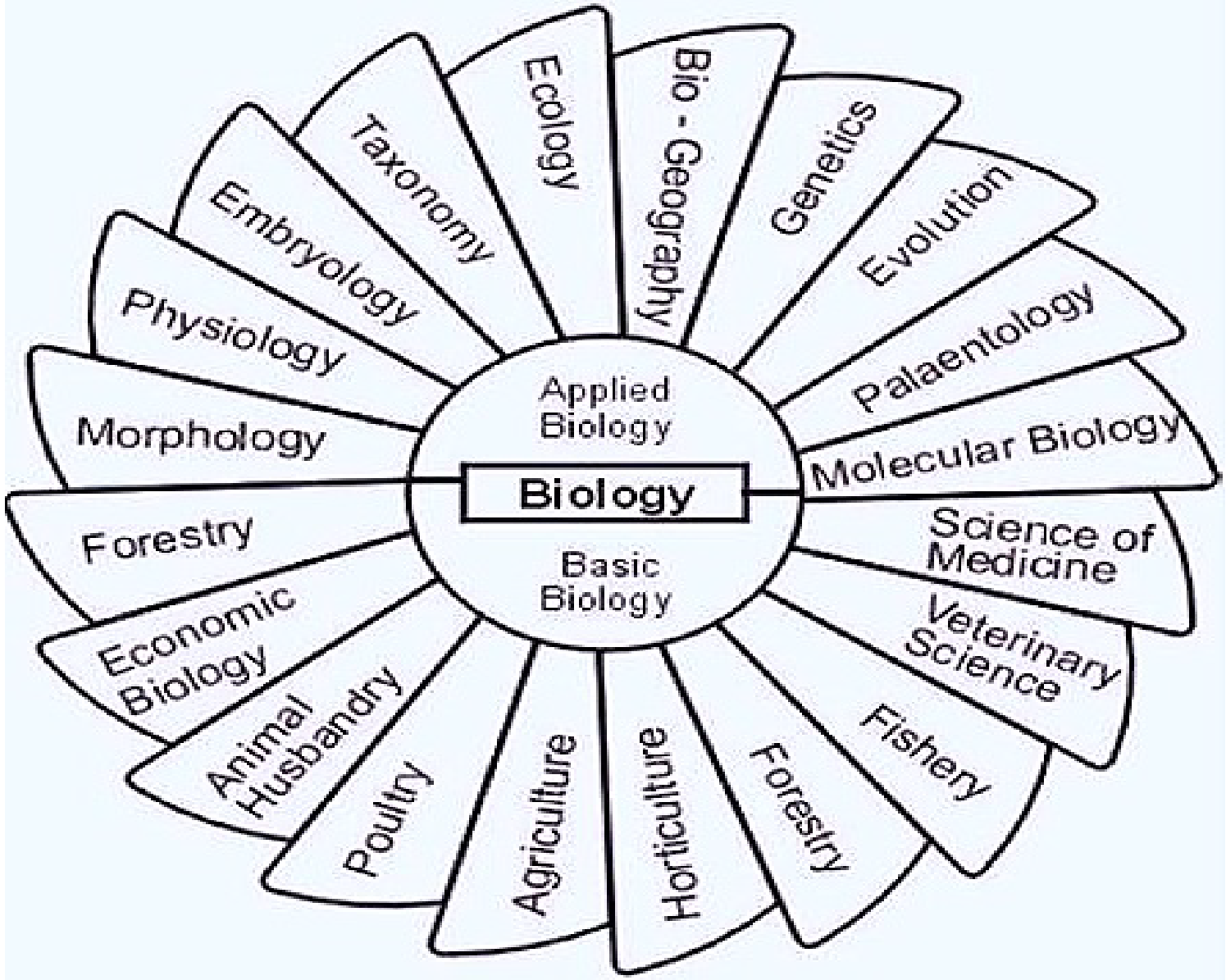
CHEMISTRY

Specialisation could be in the following fields:

- Organic
- Inorganic
- Biochemistry
- Analytical
- Polymer Chemistry
- Industrial Chemistry
- Pharmaceutical Chemistry
- Petro Chemistry
- Metallurgy
- Others include paint, food, sugar technology

COURSES IN BIOLOGY

- B.Sc Botany
  B.Sc Biochemistry
  B.Sc Zoology
  B.Sc Microbiology
  B.Sc Fishery science
  B.Sc Horticulture

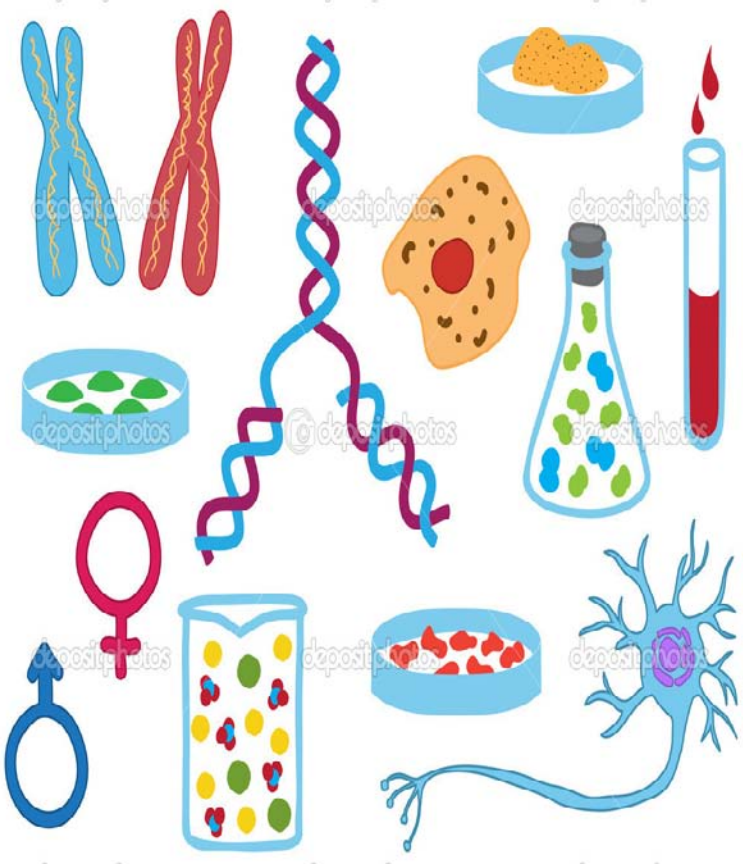


Biology and its related branches

BIOLOGY

Related Branches

- Biochemistry
- Microbiology
- Genetics
- Taxonomy
- Cytology
- Entomology
- Physiology
- Agronomy
- Breeding
- Ornithology
- Paleontology
- Environmental Biology
- Horticulture
- Biophysics
- Bionics



Job for Biological Scientists

- Industries producing biological and allied products
- Govt. departments
- Food Industry
- Export houses
- Pharmaceutical Industry
- Veterinary Clinics
- Co-operatives
- Poultry and Diary Farming
- Fish Culture
- Agriculture and Allied Industries
- Rural Banks
- Milk Industry
- Environmental Organizations

Engineering

National Level Engineering Entrance Exams:

Popular Name	Full Form
JEE Advanced	Indian Institutes of Technology Joint Entrance Examination
JEE Main	Joint Entrance Examination Main
AIEEE	All India Engineering Architecture Entrance Examination
BITSAT	Birla Institute of Technology and Science Admission Test
ENAT	EPSI National Admission Test
VITEEE	Vellore Institute of Technology Engineering Entrance Exam
NAT	National Aptitude Test
GATE	Graduate Aptitude Test in Engineering
PACET	Planning and Architecture Common Entrance Test
ATIT	Admission Test for ICFAI Science and Technology
ISAT	IIST Admission Test
WAT	Written Admission Test
MERI Entrance Exam	Marine Engineering & Research Institute Entrance Exam
AMIE	Associate Membership of Institution of Engineers
NEAT	National Engineering Aptitude Test
NATA	National Aptitude Test in Architecture
ECET FDH	Engineering Common Entrance Test for Diploma Holders ECET

- **હાઈ ડિમાન્ડ અભ્યાસક્રમો :**

ગુજરાતમાં ચાલતા એન્જિનિયરીંગ અભ્યાસક્રમોમાંથી જેની માર્કેટમાં હાઈ ડિમાન્ડ ગણાય એવા કોર્સમાં મુખ્યત્વે (૧) ઈન્ફર્મેશન એન્ડ કોમ્યુનિકેશન ટેકનોલોજી- ICT (૨) પેટ્રોલિયમ એન્જિનિયરીંગ (૩) ઈન્ફર્મેશન ટેકનોલોજી (૪) મિકેનિકલ (૫) ઈલેક્ટ્રોનિક્સ એન્ડ કોમ્યુનિકેશન (૬) સિવિલ (૭) કોમ્પ્યુટર એન્જિનિયરીંગ (૮) મરીન એન્જિનિયરીંગ (૯) ઓટોમોબાઈલ (૧૦) ઈલેક્ટ્રિકલ (૧૧) કેમિકલ (૧૨) એન્વાયરમેન્ટલ (૧૩) બાયોમેડિકલ (૧૪) ડેરી ટેકનોલોજી (૧૫) ફૂડ પ્રોસેસીંગ વગેરે ગણાય.

Top 20 Engineering Colleges For B-Tech In India

S.No	Name Of College	State
1	Indian Institute of Technology (IIT), Delhi	Delhi
2	Indian Institute of Technology (IIT), Kharagpur	West Bangal
3	Indian Institute of Technology (IIT), Kanpur	Uttar pradesh
4	Indian Institute of Technology (IIT), Madras	Chennai
5	Indian Institute of Technology (IIT), Bombay	Maharashtra
6	Birla Institute of Technology and Sciences (BITS), Pilani	Jharkhand
7	Institute of Technology, Banaras Hindu University (BHU), Varanasi	Uttar pradesh
8	Indian Institute of Technology (IIT), Guwahati	Assam
9	Vellore Institute of Technology (VIT), Vellore	Tamil Nadu
10	National Institute of Technology, Surathkal	Karnataka

Top 20 Engineering Colleges For B-Tech In India

11	College of Engineering, Anna University, Chennai	Tamil Nadu
12	National Institute of Technology, Warangal	West Bangal
13	PSG College of Technology, Coimbatore	Tamil Nadu
14	Delhi College of Engineering	Delhi
15	International Institute of Information Technology (IIIT), Hyderabad	Andhra pradesh
16	National Institute of Technology, Tiruchirapalli	Tamil Nadu
17	Motilal Nehru Institute of Technology, Allahabad	Uttar pradesh
18	National Institute of Technology, Calicut	Kerala
19	College of Engineering, Pune	Maharashtra
20	R.V. College of Engineering, Bangalore	Karnataka

Top 20 Engineering Colleges In Gujarat

Rank	College Name	City
1	Dharmsinh Desai University- Faculty of Technology	Nadiad
2	Dhirubhai Ambani Institute of Information and Communication Technology	Gandhinagar
3	Indian Institute of Technology	Gandhinagar
4	National Institute of Technology	Surat
5	Government Engineering College	Surat
6	Nirma Univeristy- Institute of Technology	Ahmedabad
7	Vishwakarma Government Engineering College	Chandkheda
8	Birla Vishvakarma Mahavidyalaya	Anand
9	Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda	Vadodara
10	Ganpat University- Faculty of Engineering	Mehsana
11	GH Patel College of Engineering and Technology	Anand
12	Government Engineering College	Bharuch
13	Government Engineering College	Bhavnagar
14	Government Engineering College	Palanpur
15	Government Engineering College	Rajkot
16	Institute of Information and Communication Technology	Ahmedabad
17	LD College of Engineering	Ahmedabad
18	Pandit Deendayal Petroleum University- School of Technology	Gandhinagar
19	AD Patel Institute of Technology	Anand
20	Babaria Institute of Technology	Vadodara

www.jacpcldce.ac.in

The Admission Committee for Professional Courses

Gujarat, India

- Home
- B.E./ B.Tech.
- Deg./Dip. Pharmacy
- Architecture
- Hotel and Tourism Management
- Diploma to Degree
- M.E./ M.Tech./ M.Pharm.
- M.B.A / M.C.A.
- Circular
- Important Websites

Contact US

Member Secretary
Admission Committee for Professional Courses
Admission Building, Nr. Library,
L. D. College of Engg. Campus,
Ahmedabad 380015, INDIA

Ph. +91-79-26300360
Fax +91-79-26304118
e-mail : info@jacpcldce.ac.in

Online Admissions-2014 Details (BE/Pharmacy)

15/04/14 Circular for Setting up Help centre
15/04/14 Help centre details format
15/04/14 Undertaking for Voluntery Help Centre
22/06/13 Terms and Conditions for payment Gateway
10/06/13 Normalization Process
01/06/13 Press note regarding common merit list
30/05/13 Instruction for lost/forget PIN
24/05/13 FAQ for Online Admission
18/05/13 Degree Engineering Prospectus 2013 (PDF)
02/06/12 Use of Internet Facility through e-Gram

Important Announcement

- List of Institutions conducting technical programmes without AICTE approval
- Public awareness for misleading advertisement from various unauthorized Institutes
- Prevention and Prohibition of Ragging
- Proforma for Monitoring the Directions of Hon'ble Supreme Court of India on Measures against Ragging in Technical Educational Institutions

Flash NEWS

JEE (Main) - 2014

GATE 2014

Education Loan - Details

Site Visited : 63348 | Best Viewed with 1024 X 768 Resolution | Last Updated on March 11, 2014

MS

- સિવિલ,
- મિકેનિકલ,
- ઈલેકિટ્રકલ,
- કેમિકલ, બાયો મેડિકલ,
- ફાયર ટેકનોલોજી

- ઈલેકટ્રોનિકસ, એન્ડ કોમ્યુનિકેશન
- ઈન્સ્ટ્રુમેન્ટેશન એન્ડ કન્ટ્રોલ, ટેક્ષટાઈલ ટેકનોલોજી,
- એનવાયરમેન્ટ, કૉમ્પ્યુટર મેટર્લજી
- મેટલેજી ઈરીગેશન એન્ડ વોટર મેનેજમેન્ટ,
- મેકાટ્રોનિકસ,
- એરોનોટિકસ

- રબ્બર ટેકનોલોજી,
- પ્લાસ્ટિક ટેકનોલોજી,
- ઈન્ફર્મેશન ટેકનોલોજી,
- ઓટોમોબાઈલ,
- એન્જિનિયરિંગ,
- પ્રોડકશન,
- એન્જિનિયરિંગ
- ઈન્ડસ્ટ્રિયલ એન્જિનિયરિંગ,
- પાવર ઈલેકટ્રોનિકસ,
- ટેક્ષટાઈલ એન્જિનિયરિંગ

- **Civil Engineering**
  - Construction of buildings and structures.
  - Construction of Bridge.
  - surveying land etc.

- **Transportation Engineering**
  - Construction of Road and structures.
  - Construction of Bridge.
  - Management of facilities for any mode of transportation

- Main domains:
  - Highway
  - Railway
  - Waterway
  - Air
  - Pipeline
  - Space

- Tasks of a Transport Engineer:
  - Planning
  - Functional design
  - Operation and
  - Management of facilities

● CEPTના સ્નાતક કક્ષાના કોર્સ :

૨૧મી સદી એડવાન્સ ટેકનોલોજીની છે. નોલેજ એડવાન્સ નોલેજ સાથે આપવું એ ધ્યેય સાથે સેપ્ટ કામ કરે છે. ધોરણ-૧૨ સાયન્સ પછીના પાંચ વર્ષના સમયગાળાના ખૂબ સારા ચાર કોર્સ આ યુનિવર્સિટીમાં ચાલે છે.

(૧) બેચરલ ઓફ આર્કિટેક્ચર

(૨) બેચલર ઓફ સિવિલ કન્સ્ટ્રક્શન ટેકનોલોજી

(૩) બેચલર ઓફ ઈન્ટિરિયર ડિઝાઈન

(૪) બેચલર ઓફ પ્લાનિંગ

- **Architect Engineering**

NATA ENTRANCE EXAM www.nata.in

Courses & Work Area

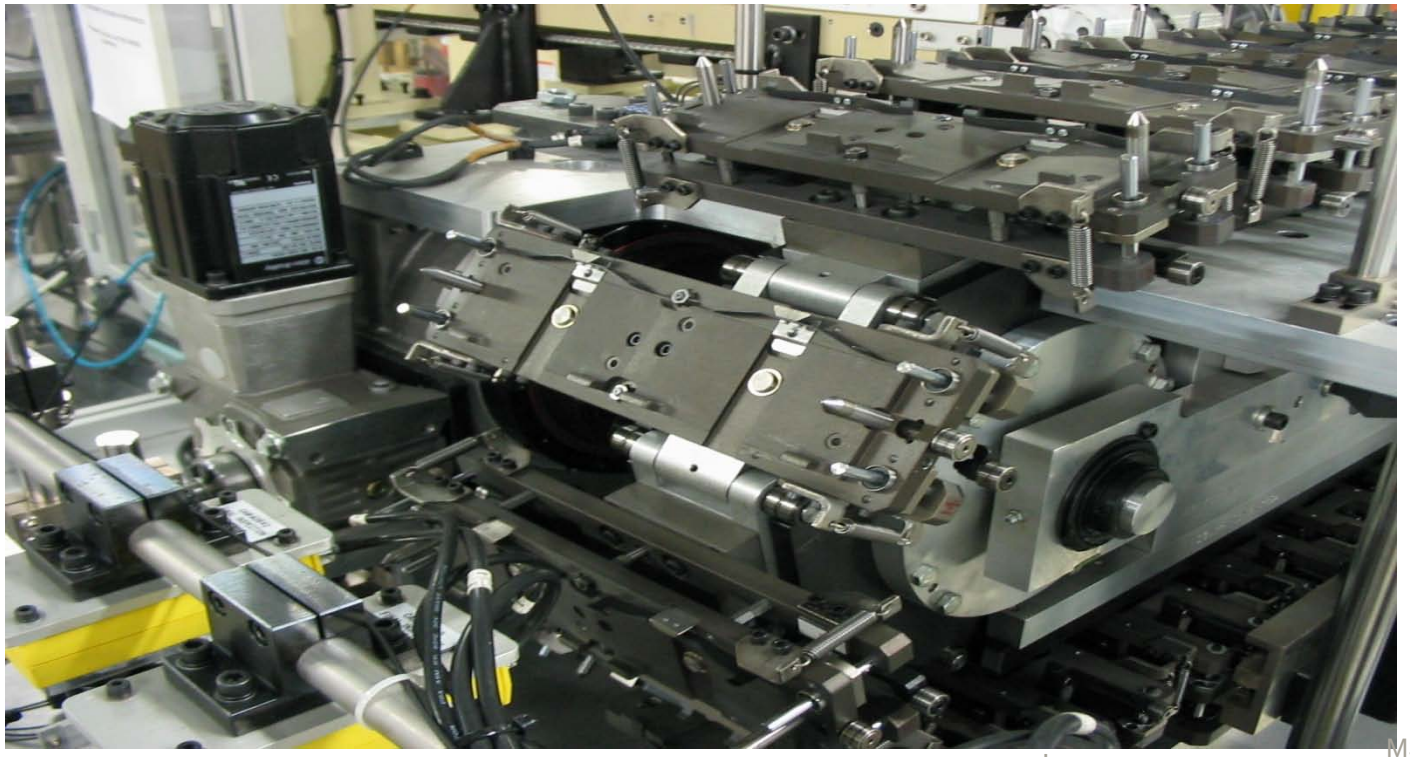
- Ability to sketch, flexibility, patience, hard work, creative
- Design in Architecture and physical planning
- B.Arch ☐ 5 Years
  - Landscape Architecture
  - Naval Architecture
  - Civil Engg
  - Surveyors/Site Engineers

- **Interior Design**
  - The design and analysis of heating, ventilating and air conditioning systems,
  - Efficiency and design & Looks
  - Being self-employed
  - Employment in private or public sector firms

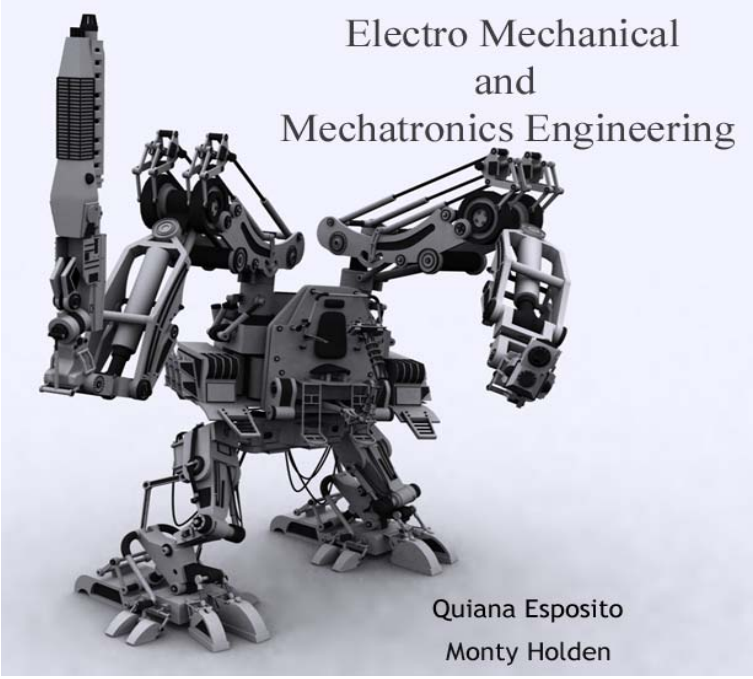
- **Electrical Engineering**
  - Related to electricity
  - Its production
  - Transmission
  - Management

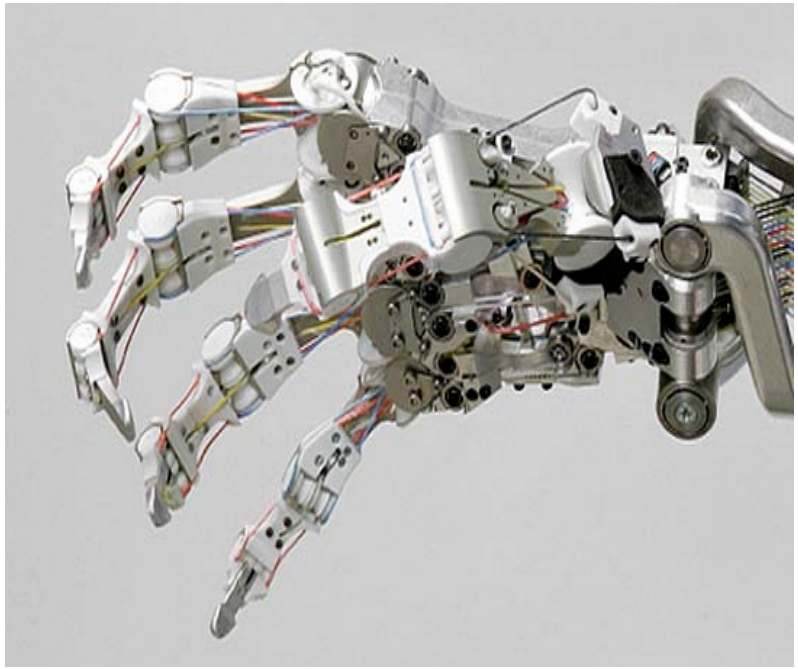
- **Power Engineering-**
  - Related to electrical eng.
  - All about production, transmission and management of power.

- **Mechanical Engineering**
  - Related to machines
  - Their working
  - Parts manufacturing etc.



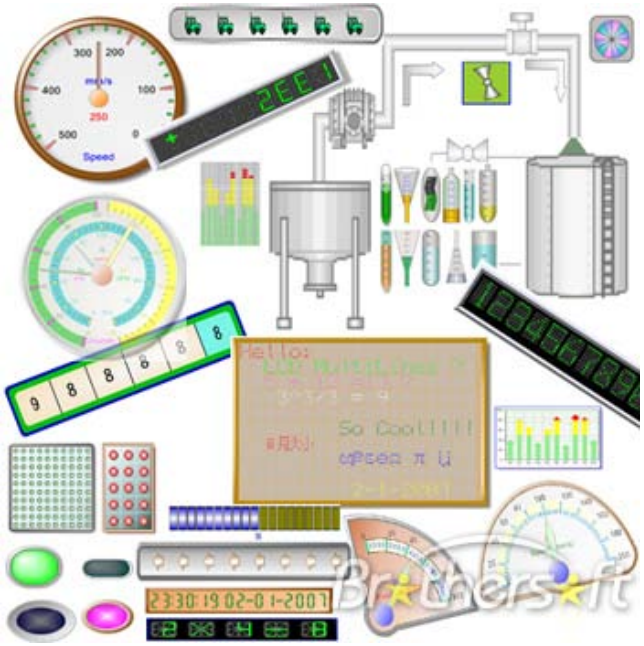
- **Mechatronics Engineering**
  - Combination of Mechanical and Electronics Engineering.
  - Robotics



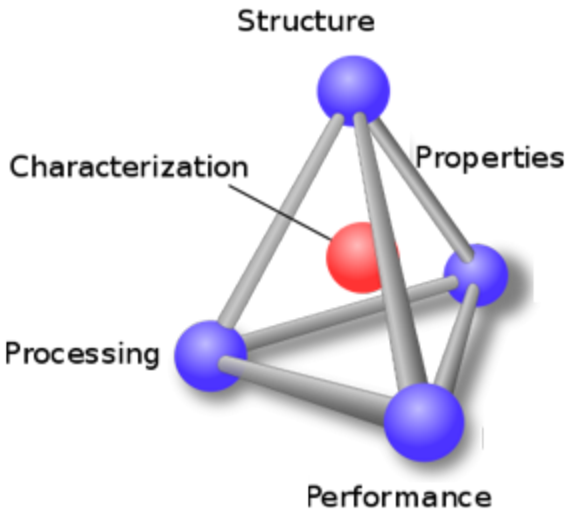


- **Production Engineering**
  - Managing and overseeing the production and processes of a factory.

- **Instrumentation and Control Engineering-**
  - Related to automation
  - making control systems.



- **Material Engineering**
  - Studying about various materials,
  - Their uses
  - Properties
  - Developing new technology.

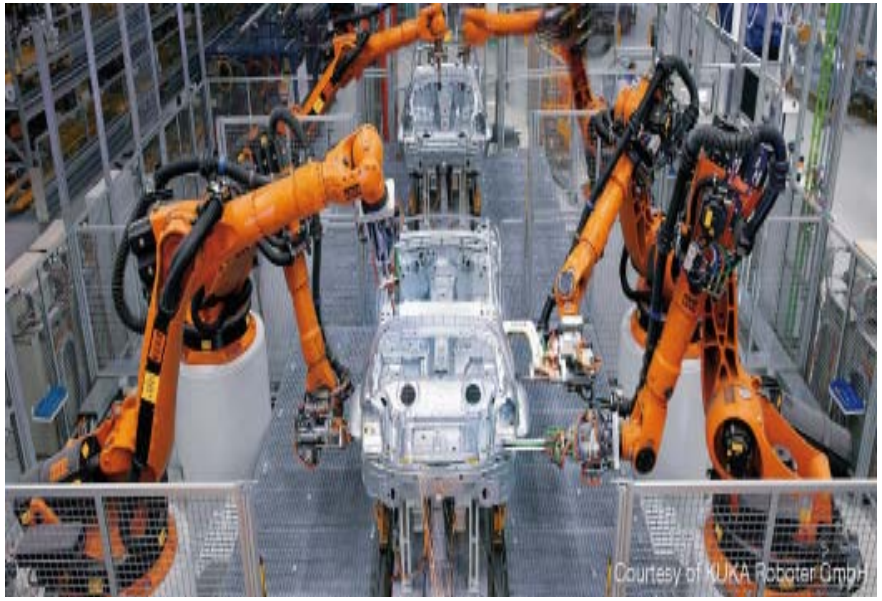


- **Mining Technology Engineering-**
  - Related to mining equipments
  - Technology.
  - Economical way of separating mineral

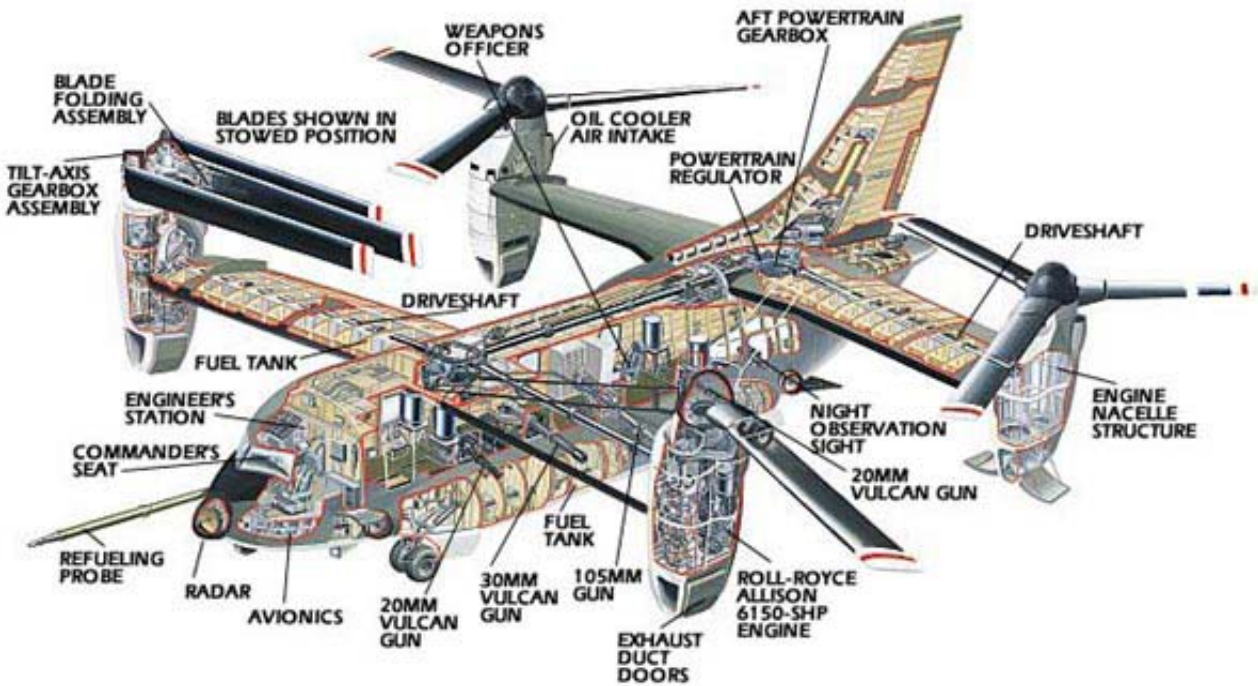
- Involved in finding the source of valuable mineral deposits located beneath the earth's surface or water and are involved in removing them in the most economical way separating as much as possible of the work less materials from the valuable.
- Whole process involved planning, designing, safety operation, excavation of minerals and their transportation, maintenance of mines, air circulation and removal of toxic gases from the mines.

- **Automobile Engineering**
  - Related to vehicles- designing
  - Their parts etc.

- **Automation & Robotics Engineering**
  - Related to automation
  - making control systems.



- **Aeronautical Engineering**
  - Related to aviation.
  - Maintaining and designing aero planes.
  - Air Traffic Controller
    - Engineering degree in Electronic/Radio/Telecom



Aviation

Work Options

- Air Hostess
- Meteorologist (Interprets Weather Data)
- Commercial ☐ Airlines, Air services, Air Taxi
- Military ☐ Air Force
- Pilots, Flight Attendants, Flight Despatchers, Flight Schedulers, Ground Crew, Flight Engineer
- Engineers & Technical Division
- Marketing ☐ Advertisements
- Finance
- Fashion Designers ☐ Crew dress designers
- Security/Safety Department
- Air Flow Control
- Ticketing/Commercial

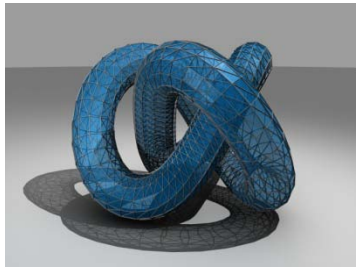
- **Marine Engineering**
  - Catering the Engineering requirements in a ship.

Computer Science Is …

Robotics

XBOX LIVE arcade

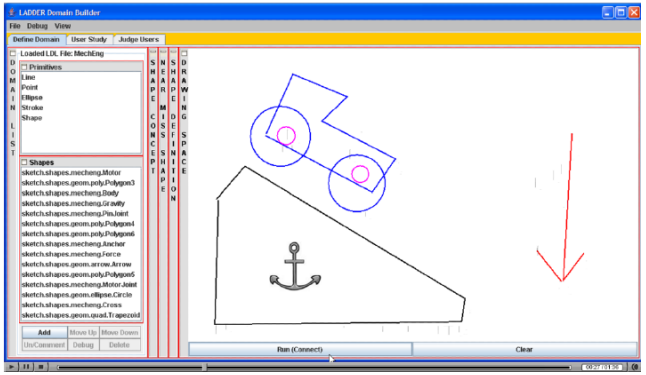
Game Development



Graphics

Systems

Software



Sketch Recognition

Networks

MS

- **Computer Engineering**
  - Related to programming software, computers etc.

- **Information Technology**
  - Managing Information, data etc.

- **Electronics and Communications Engineering**
  - Related to electronics items and their systems

- **Chemical Engineering**
  - All about chemicals, their production, management etc.

Top Recruiters

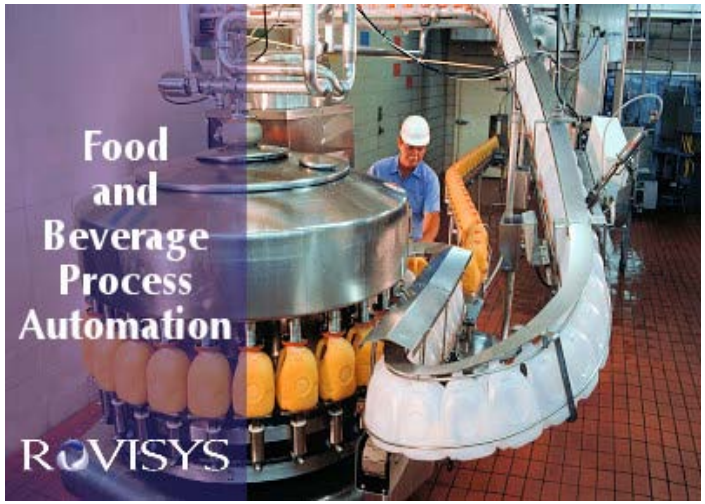
Some major recruiters in India are

- BPCL
- HPCL
- Indian Oil
- GAIL
- Piramal Healthcare
- Ranbaxy
- Pfizer
- HLL
- Nirma

- **Petroleum Engineering**
  - Oil Exploration & Production
  - Refinery & Marketing
  - Refining and producing petrol and by-products,
  - Petro-Chemical & downstream units
  - Production, Refining, Transportation, Marketing

- **Agricultural Engineering**
  - Using Engineering technology to increase agricultural production.
  - Apply principles of engineering to agricultural industries.

- **Food Processing Engineering**
  - Related to food, its processing, new technologies related to food etc

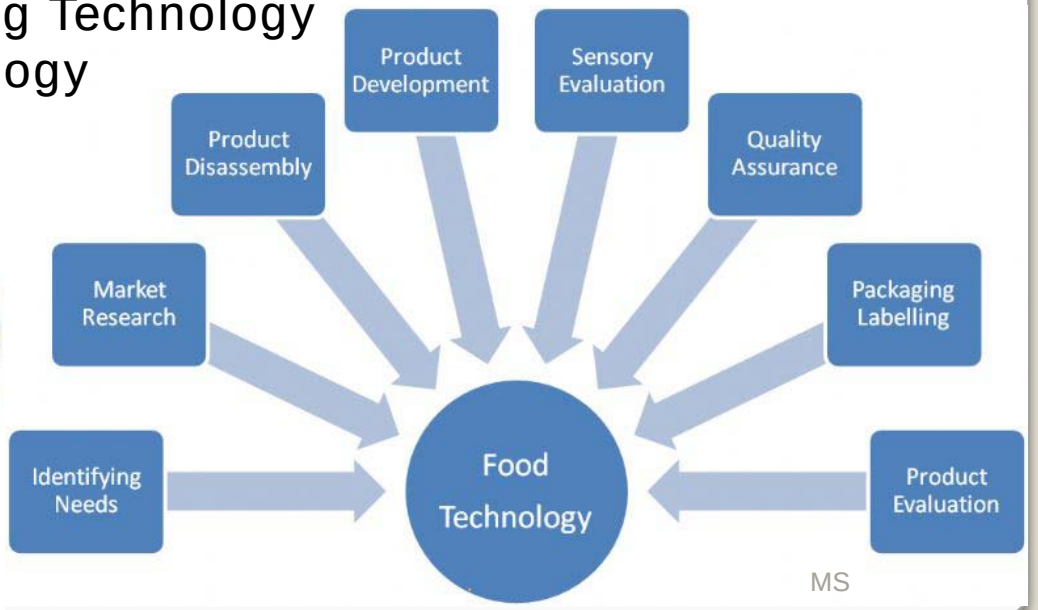


Food Technology:

Food technology deals with the scientific understanding about foods we eat and what are the actual production process to make foods, packaged and preserved.

A degree in this field can get one the job of Food Quality controller, Research Officer, Packaging manager and a lot of others jobs

1. B. Sc in Food Preservation and Processing
2. B. Sc in Food Processing and Technology
3. B. Sc in Food Storage, Preservation and Food Tech.
4. B. Sc in Food Technology (Bio-Chemical Engineering)
5. Diploma in Fish Processing Technology
6. Diploma in Sugar Technology



Agricultural Courcses

1. B. Sc in Agriculture.
2. B. Science in Agricultural Eco and Farm management
3. B. Sc in Agricultural Meteorology
4. B. Sc in Agricultural Biotechnology
5. B. Sc in Agricultural Statistics
6. B. Sc in Agronomy
7. B. Sc (Agriculture Mktg and Business Management)
8. B. Sc (Bio-chem and Agricultural Chemistry)
9. B. Sc in Crop Physiology
10. B. Sc in Entomology

- **Dairy Technology**
  - Combination of Engineering and Food Science.
  - Processing Technology

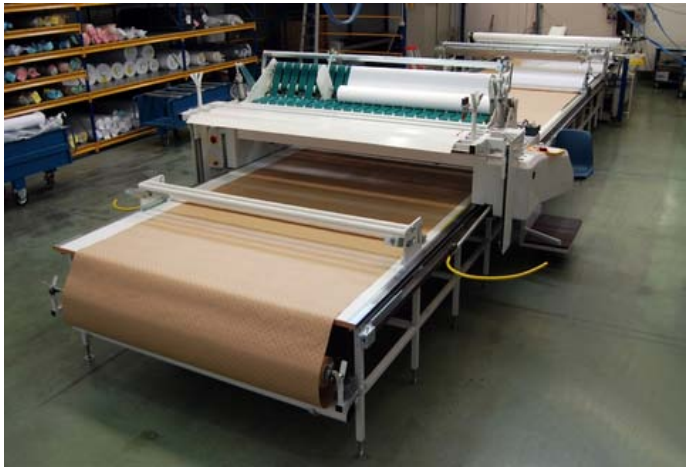
- **Biomedical Engineering**
  - Combination of Engineering and Medical Science.

- **Environmental Engineering**
  - Using technology to improve our environment.

- **Plastic Engineering**
  - Designing plastic products, developing new type of plastic etc.

- **Rubber Engineering**
  - Designing new products, developing new technology for rubber products etc.

- **Textile Engineering**
  - All about designing machines for textile industry, developing new materials for clothing etc.
  - B.E in Textile Technology
  - Diploma in Textile Eng
  - B.E in Man Made Fiber Technology
  - B.E in Textile Chemistry



- **Sound Engineering**
  - Related to sound systems, equipment, editing sound etc.

- **Fire Engineering**
  - All about designing machines for textile industry, developing new materials for clothing etc.

- **Metallurgy Engineering**
  - Related to Metal processing
  - Cast Iron
  - Steel

- **Genetic Engineering**
  - Molecular cloning methods to generate a DNA sequence
  - Introduce DNA prepared outside the organism

- **Ceramic Engineering**
  - Many industries like brick, cement, tile, pipe depend on ceramic materials.

ડેરી અને પશુપાલન ક્ષેત્રના વિવિધ અભ્યાસક્રમોઃ

ડેરી સાયન્સ અને ટેકનોલોજી (કામધેનુ યુનિ.)

ક્રમ	અભ્યાસક્રમ	પ્રવેશ લાયકાત	મુદ્દત વર્ષ	સસ્થાઓ
(૧)	બી.ટેક.(ડેરી ટેકનોલોજી)	ધો.૧૨ વિજ્ઞાન PCM + ગુજકેટ	૪ વર્ષ	(૧) શેઠ એમસી ડેરી સાયન્સ કોલેજ, આણંદ. (૨) સ.પ.કૃષિ યુનિ., ડેરી ટેકનોલોજી કોલેજ. સ.પ.નગર, દાંતીવાડા. (૩) ગોપાલક વિકાસ મંડળ, મુ. આણિયાદ, તા. શહેરા, જિ. પંચમહાલ. (૪) ડેરી સાયન્સ, કોલેજ, અમરેલી, (નાના માચિયાળા)
(૨)	એમ.એસ.સી. / એમ.ટેક.(ડેરી)	બી.ટેક.(ડેરી ટેક.)	૨ વર્ષ	શેઠ એમસી ડેરી સાયન્સ કોલેજ, આણંદ
(૩)	એમ.ટેક (ફૂડ પ્રોસેસીંગ ટેક.)	બીટેક.	૨ વર્ષ	PG ઈન્સ્ટિટ્યૂટ ઓફ ફૂડ ટેક. આણંદ
(૪)	PG ડિપ્લોમા ઈન ડેરી એન્ડ ફૂડ ક્વોલિટી એસ્યોરન્સ	બી.ટેક. B.Sc.	૧૪ માસ	શેઠ એમસી ડેરી સાયન્સ કોલેજ, આણંદ.
(૪)	Ph.D. (ડેરી)	MSc. / M.Tech. (ડેરી)	૩ વર્ષ	શેઠ CM ડેરી સાન્સ કોલેજ, આણંદ. પશુપાલન અને પશુચિકિત્સા (કામધેનુ યુનિ.)
(૧)	B.V.Sc. & AH (પશુચિકિત્સ + તબીબી)	ધો-૧૨ વિજ્ઞાન. PCB + ગુજકેટ	૫ વર્ષ	(૧) B.V.Sc. & AH કોલેજ આણંદ. (૨) B.V.Sc. & AH કોલેજ, જૂનાગઢ (૩) B.V.Sc. & AH કોલેજ, નવસારી. (૪) B.V.Sc. & AH કોલેજ, સ.પ.કૃષિનગર

MS

CAREERS IN SCIENCES

- CHEMISTRY
- PHYSICS
- GEOLOGY
- GEOGRAPHY & GIS
- MATHEMATICS & STATISTICS
- METEOROLOGY
- OCEANOGRAPHY
- COMPUTERS AND INFORMATION TECH
- DEFENCE SERVICES
- BIOLOGICAL SCIENTISTS & BIOTECHNOLOGY
- GENETIC SCIENTISTS
- BIOCHEMISTRY
- MICROBIOLOGY & BIOINFORMATICS
- ANTHROPOLOGY

CAREERS IN SCIENCES

- HOME SCIENCE & HOME ECONOMICS
- NUTRITIONISTS & DIETICIANS
- FOOD TECHNOLOGY
- FORENSIC SCIENCE
- AGRICULTURE
- HORTICULURE
- ENVIRONMENT SCIENCE
- DAIRY & POULTRY FARMING
- FISHERY
- FORESTRY & WILD LIFE
- RURAL MANAGEMENT
- FOOD PROCESSING
- FOOD TECHNOLOGY
- FORESTRY

FURTHER CAREER OPTIONS…..

- FOREIGN TRADE
- FORESTRY SERVICE
- CIVIL SERVICE / RAILWAY SERVICES / POLITICS
- ECONOMISTS
- PSYCHOLOGY
- SOCIAL WORKERS
- ARMY, NAVY & AIR FORCE
- TEACHING
- SPORTS & PHYSICAL EDUCATION
- LIBRARY & INFORMATION SCIENCE
- SPECIAL EDUCATORS
- REHABILITATION
- HEALTH FITNESS BEAUTY
- FOREIGN LANGUAGES, CALL AGENTS
- PUBLISHING INDUSTRY
- HISTORIANS, ARCHAEOLOGISTS, ARCHIVITS, CURATORS

Diploma courses

Automobile Engineering

Chemical Engineering

Civil Engineering

Computer Engineering

Electrical Engineering

Electronics & Communication

Information Technology

Instrumentation & Control

Mechanical Engineering

Mechatronics Engineering

Metallurgy Engineering

Mining Engineering

Plastic Engineering

Textile Processing Technology

Textile Manufacturing Technology

Architectural Assistantship

Computer Aided Costume Design & Dress Making

Ceramic Engineering

Fabrication Technology

Printing Technology

Textile Designing

Transportation Engineering

Environment Engineering

Biomedical Engineering

Power Electronics

JOIN ARMED FORCES

NDA & NA Examination :

(National Defence Academy & Naval Academy Examination)

The NDA entry is open **twice** a year.

Form availability : Mar and Oct Notified by UPSC

Vacancies Per Course : 300 (195 Army, 66 Air Force, 39 Navy)

Age: 16 ½ to 19 yrs (at the day the course is expected to begin)

Qualification : 12th Class of 10+2 for Army and with Physics and Maths for AF/Navy

Marital Status: Unmarried

Application to be Received by - 10-15 Nov for Jan Course and 10-15 Apr for Jul Course

Date Commencement of Training - Jan and Jul

Duration of Training - 3 Yrs at NDA and then 1 Yrs at IMA, Dehradun

JOIN ARMED FORCES

INDIAN ARMY
PERMANENT COMMISSION
10+2 TECHNICAL ENTRY SCHEME
COURSE - 31 COMMENCING FROM JUL 2014

Technical Entry Scheme –TES (For High School Science Graduates):

The TES entry is open twice a year.

Vacancies Per Course - 85

Age - 16 ½ to 19 yrs

Qualification : 10+2 Physics, Chemistry & Maths (aggregate 70% and above to apply)

Marital Status - Un Married

Application to be Received by - 30 Jun and 31 Oct

Training Academy - IMA Dehradun

Duration of Training - 5 Yrs (1 Yrs IMA & 4 Yrs CTWS) Permanent Commission after 4 Yrs

Marine, Navy:

Indian Maritime University Common Entrance Test

Purpose-Admission in Diploma in Nautical Science (DNS) leading to BSc. (Nautical Science)

Eligibility-Class 12 PCM

Apply-By post

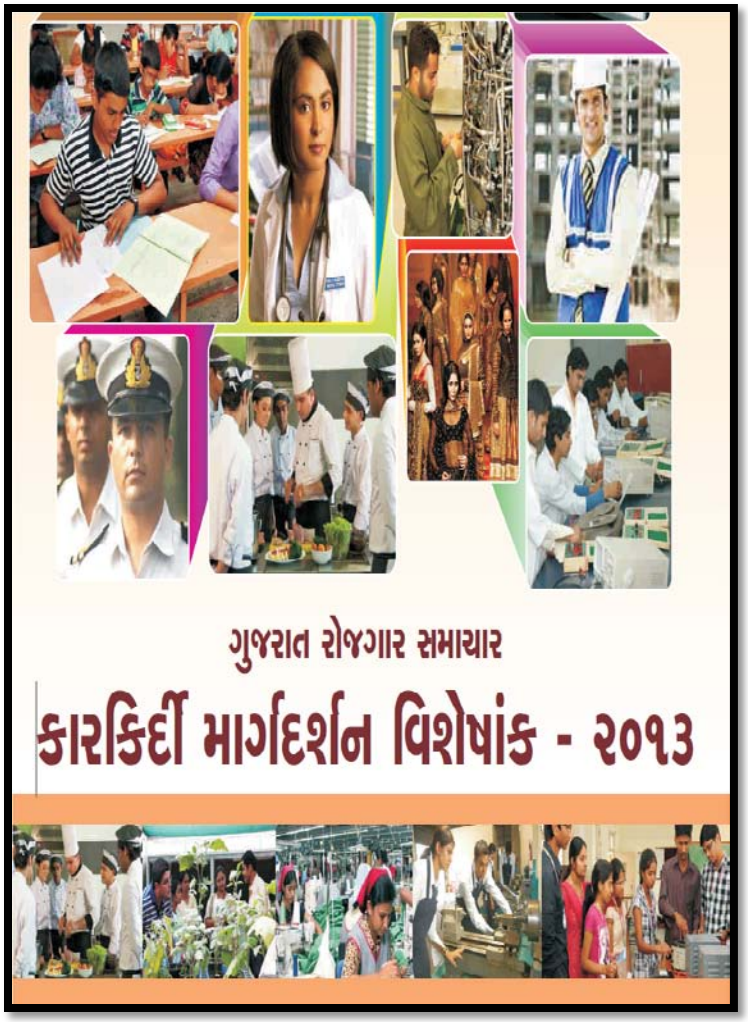
Source: www.imu.edu.in/index.php

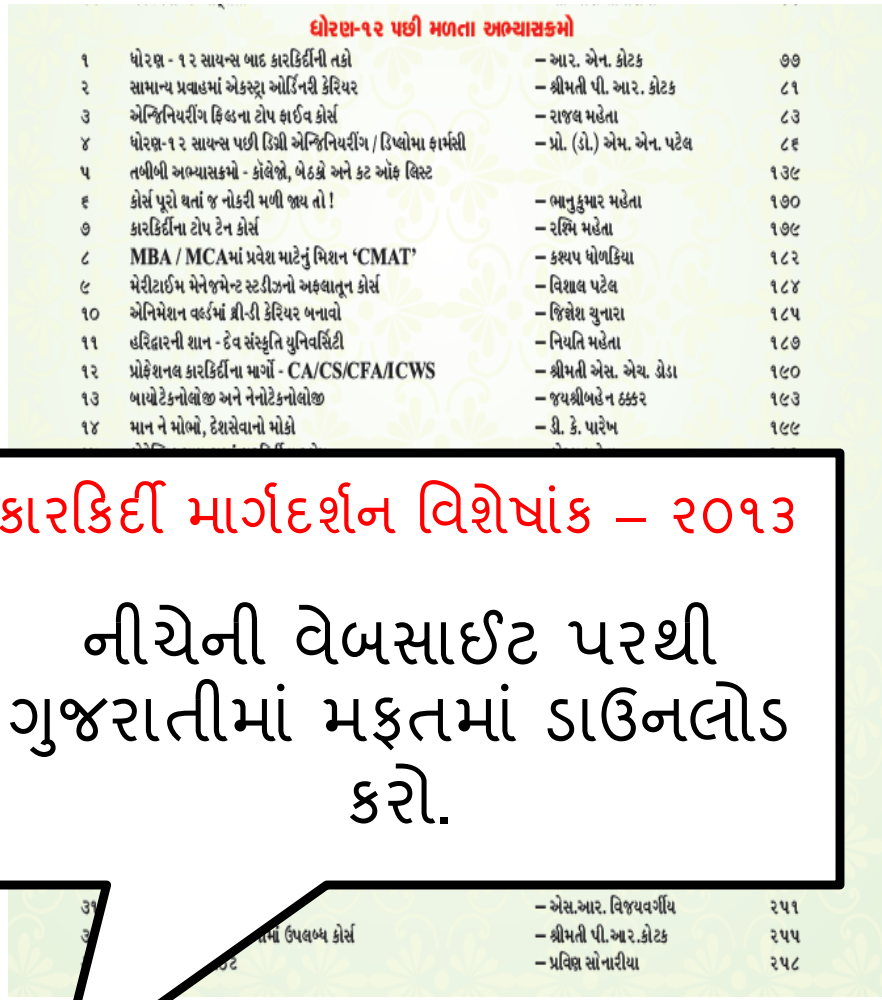
B4S URL: www.buddy4study.com/id/IMU486

Other good courses

- Hotel Management
- Fire Safety Technology
- Welding Technology
- Software/Hardware courses.

- These courses also offer good job opportunities.
- Make sure that you get admission in an institute that is approved by the Government.





ધોરણ-૧૨ પછી મળતા અભ્યાસક્રમો

૧	ધોરણ - ૧૨ સાયન્સ બાદ કારકિર્દીની તકો	– આર. એન. કોટક	૭૭
૨	સામાન્ય પ્રવાહમાં એક્સ્ટ્રા ઓર્ડિનરી કેરિયર	– શ્રીમતી પી. આર. કોટક	૮૧
૩	એન્જિનિયરીંગ ફિલ્ડના ટોપ ફાઈવ કોર્સ	– રાજલ મહેતા	૮૩
૪	ધોરણ-૧૨ સાયન્સ પછી ડિગ્રી એન્જિનિયરીંગ / ડિપ્લોમા ફાર્મસી	– પ્રો. (ડો.) એમ. એન. પટેલ	૮૬
૫	તબીબી અભ્યાસક્રમો - કૉલેજો, બેઠકો અને કટ ઑફ લિસ્ટ		૧૩૯
૬	કોર્સ પૂરો થતાં જ નોકરી મળી જાય તો !	– ભાનુકુમાર મહેતા	૧૭૦
૭	કારકિર્દીના ટોપ ટેન કોર્સ	– રશ્મિ મહેતા	૧૭૯
૮	MBA / MCAમાં પ્રવેશ માટેનું મિશન 'CMAT'	– કશ્યપ ધોળકિયા	૧૮૨
૯	મેરીટાઈમ મેનેજમેન્ટ સ્ટડીઝનો અફલાતૂન કોર્સ	– વિશાલ પટેલ	૧૮૪
૧૦	એનિમેશન વર્લ્ડમાં થ્રી-ડી કેરિયર બનાવો	– જિજ્ઞેશ ચુનારા	૧૮૫
૧૧	હરિદ્વારની શાન - દેવ સંસ્કૃતિ યુનિવર્સિટી	– નિયતિ મહેતા	૧૮૭
૧૨	પ્રોફેશનલ કારકિર્દીના માર્ગો - CA/CS/CFA/ICWS	– શ્રીમતી એસ. એચ. ડોડા	૧૯૦
૧૩	બાયોટેકનોલોજી અને નેનોટેકનોલોજી	– જયશ્રીબહેન ઠક્કર	૧૯૩
૧૪	માન ને મોભો, દેશસેવાનો મોકો	– ડી. કે. પારેખ	૧૯૯
૩૧		– એસ.આર. વિજયવર્ગીય	૨૫૧
૩	ામાં ઉપલબ્ધ કોર્સ	– શ્રીમતી પી.આર.કોટક	૨૫૫
	ઇટ	– પ્રવિણ સોનારીયા	૨૫૮

કારકિર્દી માર્ગદર્શન વિશેષાંક – ૨૦૧૩

નીચેની વેબસાઈટ પરથી ગુજરાતીમાં મફતમાં ડાઉનલોડ કરો.

www.gujaratinformation.net/downloads/karkirdi_margardarshan_2013.pdf

Which is the … Best Course?

Top 10 Growth Area of 21st Century

1. Health Care
2. Robotics
3. Computer Graphics
4. IT
5. Biotechnology and Genetics Engineering
6. Lasers Technology
7. Bioinformatics
8. Wireless Engineering
9. Fuel cell Engineering
10. Intellectual Property Lawyers/ Cyber Layers

નક્કી કરો, તમારે શું બનવું છે ?

- શું તમારે વૈજ્ઞાનિક બનવું છે ?
- શું તમારે બિઝનેસમેન બનવું છે ?
- શું તમારે પાયલોટ બનવું છે ?
- શું તમારે પોલીસ બનવું છે ?
- શું તમારે સીઈઓ બનવું છે ?
- શું તમારે સમાજસેવક બનવું છે ?
- શું તમારે સરકારી ઑફિસર બનવું છે ?
- શું તમારે કલાકાર બનવું છે ?
- શું તમારે આર્કિટેક બનવું છે ?

“Good Luck for Your Futere”

Rotary Club of Visnagar Round Town

“A Better World Through Rotary”

નક્કી કરો, તમારે શું બનવું છે ?

ભવિષ્યમાં તમારે શું બનવું છે ? આ પ્રશ્નનો જવાબ તમારી પાસે છે ?

ENGAGE ROTARY

CHANGE LIVES

Thank you

Prof. M.S.Patel